

QP 系列减速电机
QP Series Geared



微信扫描直达

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NO.001

QY 系列减速电机





NO.005

ZYM 系列齿轮减速机



NO.002

摆线针轮减速机



NO.005.B

ZYMC 系列齿轮减速机







NO.003

ZYY 系列圆柱齿轮减速机



NO.006

橡塑专用减速机



NO.003.B

ZYDBY/DCY 系列圆锥圆柱齿轮减速机



NO.007

ZYBX 系列行星齿轮减速机



NO.004

ZYPV 系列齿轮减速机



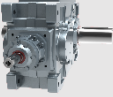
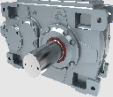


NO.010

ZY磨机专用减速机



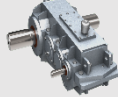
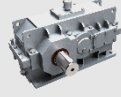


NO.004.B

ZYPV 系列齿轮减速机



NO.012

ZY起重专用减速机



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产品特性

- 1、高度模块化设计：**可以方便地配用各种型式的电动机或采用其它动力输入。同种机型可配用多种功率的电动机。容易实现各机型间组合联接。
- 2、传动比：**划分细，范围广。组合机型可以形成很大的传动比，即输出极低的转速。
- 3、安装形式：**安装位置不受限制。
- 4、强度高、体积小：**箱体采用高强度铸铁。齿轮及齿轮轴采用气体渗碳淬火精磨工艺，因而单位体积承载能力高。
- 5、使用寿命长：**在正确选型（包括选用适当的使用系数）和正常使用维护的条件下，减速机（除易损件外）的主要零部件寿命一般不低于 25000 小时。易损件包括润滑油、油封以及轴承。
- 6、噪声低：**减速机主要零部件都经过精密加工，并通过精心组装和测试，因而减速机噪声较低。
- 7、效率高：**单机型齿轮效率不低于 95%，蜗轮蜗杆效率能达到 89%。
- 8、可承受较大的径向载荷。**

场所条件

本减速电机适合在环境温度 -10℃ 到 +40℃ 条件下运行，海拔高度可达 1000 米。

可用于正反转。

无行业限制。

在其它条件下使用时请与技术部联系。

Features of Products

- 1、Highly Standard Modular Designed:** The products are connected with and driven by different types of motors or other kinds of input power. The same type geared motor can be adapted to optioned powers of motors. It is therefore easy to realize different solutions for varied requirements.
- 2、Ratio:** Featured many closely divided ratios and wide ranges of them. Very big final ratios can be obtained through combined unites to reach extremely low output speeds.
- 3、Mounting Arrangement:** No strict limitation to the mounting arrangement.
- 4、High Strength, Compact Dimension:** Housings are made of high strength cast iron. Gears and shaft gears are finished with gas carburising process and precise grinding to sequentially get high loading capacity of per certain volume.
- 5、Long Service Life:** Under the conditions of accurately selecting type size and the normal maintenance and use, main components (except those easily-disabled parts) can last as long as up to more than 25,000 hours. Easily-disabled parts include lubricating oil, oil seals, and bearings.
- 6、Low Noise:** All key components are finished by precisely machining, accurate assembly, and finally tested, and therefore, fairly low noise is reached.
- 7、Highly Efficiency:** The efficiency of gear unit is more than 95%, The efficiency of worm gear unit can reach 89%.
- 8、Large Radial Loading Ability.**

Site Conditions

The geared motors are suitable for the operation sites in the ambient temperatures from -10℃ to 40℃ and altitudes up to 1000m above sea level.

They can be used both for clockwise running and anticlockwise running.

There is no limitation to specific application field.

While applied in other aggressive operating atmosphere or environment conditions, please contact our technology department.

选型参数表释义

1、选型参数表 (恒功率):

电机功率 P [kW]: 表中列出的功率是按 GB/T 4772.1

旋转电机输出功率等级。

输出转速 n_a [r/min]: 即输出轴的转速。参考电机满载时的转速和减速机的传动比计算得出, 单位为转/分钟。

输出转矩 M_a [N.m]: 电机满载时, 减速机输出轴上可以产生的转矩。此输出转矩已考虑了减速机内部各种效率。

传动比 i : 减速机从输入到输出间总的实际 (精确) 传动比。

许用径向载荷 F_{Ra} [kN]: 标准实心输出轴轴头长度中点处, 或标准空心轴端部的许用径向载荷。

使用系数 f_B : 减速机额定功率与所配用的电机额定功率的比值。它是选择减速机规格的重要参数。

机型号: 即减速机的机型和规格号。有单机型和组合型两种。组合一般为恒功率条件下的组合。每种机型 (包括某些未列入此表中的同规格变型品种) 都可配备当前栏中所有传动比。其尺寸可查阅对应的安装结构尺寸图表。

电机极数: GB/T 4772.1 旋转电机极数。

2、选型参数表 (恒转矩):

恒转矩条件下较为合理的组合。按表中最大输出转矩计算时, 许用使用系数为 1。其它含义同恒功率。

Description of Selection Tables

1、Selection Table (Constant Power):

Motor Power P [kW]: Power is indicated on the basis of GB/T 4772.1 motor.

Output Speed n_a [r/min]: Output speed is calculated on the basis of motor's fully loading speed and geared motor's ratio. Unit: revolutions per minute.

Output Torque M_a [N.m]: Torque available at output shaft while motor being fully loaded. All internal efficiency factors have already considered.

Ratio i : Exact final total transmission ratio input to output.

Permissible Radial Load F_{Ra} [kN]: Allowable radial load at the midpoint of the shaft head length of a standard solid output shaft, or at the end of a standard hollow shaft.

Service Factor f_B : The ratio of rated power of gear unit to rated power of motor power. It is an important parameter to select the reducer model.

Type Size of Unit: Including type and size. Individual unit and combined units are available. Combination is considered commonly under the constant power condition. Each type (and even some other types not mentioned in the tables) can be assembled or combined to any ratio mentioned in the tables.

For the detailed construction dimension, see the relevant dimensional tables.

Pole Number of Motor: The pole number of GB/T 4772.1 motor.

2、Selection Table (Constant Torque):

Constant torque selection table is suitable for the conditions where the constant torque system is applied appropriately.

If the Max. torque listed in this table is used when calculating, service factor is 1.0. The meanings of other terms are similar to ones described in Selection Table (Constant Power).

选型步骤

1 机型的选择

ZY 系列减速电机由四种不同结构型式及其多种派生型组成。ZYR、ZYF 系列及其派生型，用于输入轴与输出轴平行的场合；ZYS、ZYK 系列及其派生型，用于输入轴与输出轴垂直的场合。

选型时一般先根据安装要求选择合适的机型系列。如，要求输入轴与输出轴垂直，可选择 ZYK 或 ZYS 系列。

2. 总工况系数 f_A 的确定

总工况系数：

$$f_A = f_{Ah} \times f_{Ac} \times f_{At} \times f_{An}$$

总工况系数由工作机的多项因素构成，可根据工作机情况进行取舍或增加项目。

1)、 f_{Ah}

f_{Ah} 由工作机载荷特性和工作时间两个因素决定的工况系数，是最基本、最主要的系数。常用工作机的 f_{Ah} 可参考后述“工况系数 f_{Ah} ”表选定。其它工作机的工况系数，可用类比法确定。

2)、 f_{Ac}

f_{Ac} 由启、停次数决定。可参考后述“工况系数 f_{Ac} ”表确定。注意启、停要各计一次。

3)、 f_{At}

f_{At} 由工作环境温度决定的系数。可参考后述“工况系数 f_{At} ”表确定。

4)、 f_{An}

f_{An} 由转速决定的系数，同时考虑了热功率问题。通常情况下，本系列减速电机不配置循环润滑及冷却装置。若减速电机输出转速较高，特别是立式安装时（M2/M4），或对减速电机温升有严格要求时，为避免热功率的问题，需增加转速工况系数 f_{An} 。可参考后述“工况系数 f_{An} ”表确定。

各项数值不能确定时，请与公司技术部联系。

Selection Steps

1、Type Selection

ZY series geared motor is composed of four different structural types and various derived types. ZBR, ZBF series and their derivations, used in situations where the input shaft is parallel to the output shaft; ZBS, ZBK series and their derivations, used for input shaft and output shaft vertical situations.

During the selection process, the appropriate model series is generally selected according to the installation requirements. For example, if the input shaft is perpendicular to the output shaft, you can choose ZBK or ZBS series.

2、Selection of Total Service Factor f_A

Total Service Factor:

$$f_A = f_{Ah} \times f_{Ac} \times f_{At} \times f_{An}$$

The total service factor is composed of several factors of the working unit, can choose or add projects according to the working conditions.

1)、 f_{Ah}

f_{Ah} is determined by two factors of working unit load feature and working time, it is the most basic and important factor. f_{Ah} of frequently-used work unit can see the 'service factor f_{Ah} ' below to select.

2)、 f_{Ac}

f_{Ac} - the factor determined by number of starts and stop per hour of working unit. You can see the 'service factor f_{Ah} ' below. Attention: the number should be counted even start or stop.

3)、 f_{At}

f_{At} is a factor determined by the temperature of the working environment. Refer to the "service factor f_{Ah} " table below for determination.

4)、 f_{An}

f_{An} is a factor determined by the rotation speed, and the thermal power problem is taken into account. In general, this series of geared motors are not equipped with circulating lubrication and cooling devices. If the output speed of the geared motor is relatively high, especially under vertical installation (M2/M4), or when the temperature rise of the geared motor is strictly required, in order to avoid the problem of thermal power, the speed service factor f_{An} should be increased. Refer to the "service factor f_{An} " table below for determination.

When you can't select the value of service factor, please contact with us.

3. 型号 (规格) 的确定

须满足条件 $f_B \geq f_A$ (或 $f_B \geq f_{Ah} \times f_{Ac} \times f_{At} \times f_{An}$)

1)、恒功率选型

(1)电机与减速机直联或通过联轴器联接

a、在选型参数表(恒功率)中找到相应的电机功率、极数。

b、在此功率和极数下, 初步选用一个具有相近传动比的机型, 并记录下其使用系数 f_B 。

c、比较, 若满足条件 $f_B \geq f_A$, 则是可用机型。否则, 加大机型, 直到满足条件。

(2)电机与减速器之间具有前置减速联接

若电机与减速机之间通过齿轮、皮带、链轮等减速装置联接, 由于输入转矩的增加, 须把电机功率折算到减速机输入轴上, 即把电机的功率乘以前置减速装置的传动比。用折算的功率 (当量功率), 按前述章节(1)中的方法选取。此时, 电机极数不变。

注意, 采用当量功率仅是为了选型方便, 并无其它物理含义。

2)、恒转矩选型

按电机功率、极数和传动比查选型参数表(恒转矩)。此时, 工作转矩须限制在所选减速机的最大输出转矩范围内。

4、径向载荷检验

须满足条件: $F_{Ra} \geq f_A \times F_r$; (N)

其中:

F_{Ra} ——标准实心输出轴轴头长度中点处, 或标准空心轴端部的许用径向载荷。

若载荷作用点不在规定处, 其许用径向载荷, 须按后述章节“偏离输出轴轴伸中心点的径向载荷校核”进行修订和校核。

f_A ——工作机总工况系数。按前述章节计算得出。

F_r ——减速电机输出轴上工作元件产生的径向载荷。

轴上工作元件为联轴器, 且严格按联轴器对标准安装, 确认无径向载荷时, 可取 $F_r=0$; 轴上工作元件为

3.Selection of Type (Size)

It is essential to meet following: $f_B \geq f_A$ (or $f_B \geq f_{Ah} \times f_{Ac} \times f_{At} \times f_{An}$)

1)、For constant power

(1)The motor is mounted directly into gear unit or with coupling

a、Reach to a relevant power and pole number of motor from selection table (constant power)

b、Select rudely a size with close radio, and recode it's f_B .

c、Compare, if meet this formula: $f_B \geq f_A$, then this size of gear unit is available. Otherwise select a bigger size of gear unit until meet it.

(2)、The gear unit with perfixion deceleration unit

When connecting the motor and gear unit using gears, belts, or chains, etc. Because the torque of input has been increased, so it is essential to convert motor power into input power of gear unit, the input power is to multiply motor power by radio. Select the size according to the power converted from the seletion table. This moment, the number of motor pole is same.

Attention, the equivalent power is used only for selection convenience and has no other physical meaning.

2)、For constant torque

Select the size of gear unit according to the power and pole of motor and radio from selection table (constant torque). It is essential to restrict the working torque under maximal output torque of gear unit selected.

4、Radial Load Checking

It is essential to meet following: $F_{Ra} \geq f_A \times F_r$; (N)
Where:

F_{Ra} ——Allowable radial load at the midpoint of the shaft head length of a standard solid output shaft, or at the end of a standard hollow shaft.

If the loading point is not specified, it allowable radial load shall be revised and checked according to the following chapter "Radial load check deviating from the center point of output shaft extension".

f_A ——total service factor of work units. Calculated according to the preceding section.

F_r ——radial load generated by working elements on output shaft of geared motor.

The working element on the shaft is the coupling, and it is installed strictly in accordance with the coupling standard. When no radial load is confirmed,

齿轮，链轮，皮带轮时， F_r 值由下式求出：

$$F_r = 2 * M_r * f_r / d \quad (N)$$

其中： M_r —工作元件的工作转矩 (N.m)

d —工作元件节圆直径 (m)

f_r —径向载荷系数。可参考如下取值。

单排链轮 $f_r = 1$ ；

一个齿轮或双排链轮 $f_r = 1.25$ ；

V 型带 $f_r = 1.5$ ；平型带 $f_r = 2.5$

对于 ZYK 和 ZYS 系列减速机，M1 安装时，侧面与安装固定面连接时，许用径向载荷只有选型表中 F_{Ra} 数值的 50%。

对于 ZYK169 和 ZYK189 减速电机在安装位置 M1-M4 时，若安装面与其安装形式图例有所区别，许用径向载荷只有选型表中 F_{Ra} 数值的 50%。

5、安装条件检验

有安装尺寸条件限制时应作此检验。即把所选机型号的结构尺寸和可利用的空间尺寸作比较。

若以上都能满足，则按机型号表示方法书写即可。有特殊要求时，可加文字说明。

普通供货约定：

- 1、无特别说明时电机供货按 IP55 防护等级，F 级绝缘。
- 2、不注明电机接线盒位置时，通常按安装形式图例中的 0° 位置供货。
- 3、不特别提出输出轴与输入轴旋向关系时，不在减速机上做出标识。
- 4、减速机出厂已加好润滑油。
- 5、安装结构尺寸图表中已注明不在标准供货范围内的附件不提供。

本样本中如有改进之处，不另作通知，请谅解。

$F_r = 0$ is desirable; When the working elements on the shaft are gears, sprockets and belt wheels, the F_r value can be calculated from the following formula:

$$F_r = 2 * M_r * f_r / d \quad (N)$$

Where, M_r -working torque of the working unit(N.m)

d -pitch circle radius of the working unit(m)

f_r -radial load factor, which can be got refer to the following:

$f_r = 1$, for single chain sprocket wheel

$f_r = 1.25$, for single gear or for double chain sprocket wheel

$f_r = 1.5$, for V-section belt ; $f_r = 2.5$, for flat belt

Only 50% of the F_{Ra} value specified in the selection table is permitted in mounting position M1 with wall attachment on the side face for ZYK and ZYS gear units.

Helical-bevel geared motors ZYK169 and ZYK189 in mounting positions M1 to M4: If the mounting position is different from the position we offered (M1-M4), The overhung load F_{Ra} lasted in the selection tables.

5、Mounting Dimension Checking

Check the mounting dimension when there is a limitation to site mounting condition.

If the selected type by the above method is appropriate to site mounting condition, this final type is standard and should be written in formal type description.

If any special requirement is requested, please describe it while placing order.

Normal Delivery Condition:

- 1、Motor: motor of protection class IP55 and of insulation class F, while no special request.
- 2、Terminal box: Terminal box is at 0° position if no special request(see description of motor terminal box position)
- 3、Rotation direction: There will be no mark of rotation direction for input shaft or output shaft, if the relationship between input shaft and output shaft is not requested.
- 4、Lubricants: Units are supplied with lubricant oil before delivery.
- 5、Accessories: Generally, accessories excluded in mounting dimension table do not belong to our standard supply.

Design and specifications are subject to change without notice, Please forgive.

工况系数 f_{Ah}

| 应用 | 8h/天 | 16h/天 | 24h/天 |
|------------------|----------|-------|-------|
| 食品工业 | | | |
| 粉碎机 | 1.75 | 2 | 2.25 |
| 甜菜切片机 揉面机 | 1.25 | 1.5 | 1.75 |
| 碾肉机 | 1.25 | 1.5 | 1.5 |
| 填充机 | 0.8 ~ 1* | 1 | 1.25 |
| 和面机 | 1 | 1.25 | 1.5 |
| 挤压机 | 1.25 | 1.5 | 1.75 |
| 甘蔗切碎机 | 1.75 | 1.75 | 1.75 |
| 榨糖机 | 1.75 | 1.75 | 1.75 |
| 烤面包机 | 1.25 | 1.25 | 1.25 |
| 辅助动力、伺服系统 | | | |
| 微动装置, 无载荷 | 0.8 ~ 1* | * | * |
| 普通载荷 | 1.25 | 1.25 | 1.25 |
| 压缩机 | | | |
| 离心式 | 1 | 1.25 | 1.5 |
| 轴流式 | 1 | 1.25 | 1.5 |
| 过滤机 | 1 | 1.25 | 1.5 |
| 建筑业 | | | |
| 水泥搅拌机 | 1.25 | 1.5 | 1.75 |
| 水泥厂 | 1.5 | 1.75 | 2 |
| 灰泥喷射机 | 0.8 ~ 1* | 1 | 1.25 |
| 发电机 | 0.8 ~ 1* | 1 | 1.25 |
| 水处理、环保 | | | |
| 曝气机 | 1.75 | 2 | 2 |
| 普通通风装置 | 1.5 | 1.5 | 1.5 |
| 旋转木马式通风装置 | 1.75 | 1.75 | 1.75 |
| 条栅式筛子 搜集器 | 0.8 ~ 1* | 1 | 1.25 |
| 螺旋泵 | 1 | 1.25 | 1.5 |
| 筛 子 | | | |
| 旋转式 (石头, 砂) | 1 | 1.25 | 1.5 |
| 行进式吸水机 | 0.8 ~ 1* | 1 | 1.25 |
| 农用机械 | | | |
| 施肥平土机 | 0.8 ~ 1* | 1 | * |
| 收割机 | 0.8 ~ 1* | 1 | * |
| 起重机械 | | | |
| 行进运动 | 1.5 | 1.75 | 2 |
| 回转机构 | 1.25 | 1.5 | 2 |
| 起升机构 | 1.25 | 1.5 | 1.75 |
| 转臂式起重机 | 1.25 | 1.5 | 1.75 |
| 混合机 | | | |
| 均匀密度 | 1.25 | 1.5 | 1.5 |
| 不均匀密度 | 1.5 | 1.75 | 1.75 |

Service Factor f_{Ah}

| Application | 8h/d | 16h/d | 24h/d |
|---|----------|-------|-------|
| Food industry | | | |
| Crushers | 1.75 | 2 | 2.25 |
| Beet slicers, kneaders | 1.25 | 1.5 | 1.75 |
| Meat grinders | 1.25 | 1.5 | 1.5 |
| Filling machine | 0.8 ~ 1* | 1 | 1.25 |
| Dough mixers | 1 | 1.25 | 1.5 |
| Extruders | 1.25 | 1.5 | 1.75 |
| Sugar cane knives | 1.75 | 1.75 | 1.75 |
| Sugar roller mills | 1.75 | 1.75 | 1.75 |
| Toaster | 1.25 | 1.25 | 1.25 |
| Auxiliary drives, servicing | | | |
| Inching, no load | 0.8 ~ 1* | * | * |
| Normal duty | 1.25 | 1.25 | 1.25 |
| Compressors | | | |
| Centrifugal | 1 | 1.25 | 1.5 |
| Lobe | 1 | 1.25 | 1.5 |
| Filters | 1 | 1.25 | 1.5 |
| Construction industry | | | |
| Cement mixer | 1.25 | 1.5 | 1.75 |
| Cement mills | 1.5 | 1.75 | 2 |
| Mortar spraying machine | 0.8 ~ 1* | 1 | 1.25 |
| Generators | 0.8 ~ 1* | 1 | 1.25 |
| Water treatment, environment tools | | | |
| Aerators | 1.75 | 2 | 2 |
| Common aerators | 1.5 | 1.5 | 1.5 |
| Carrousel aerators | 1.75 | 1.75 | 1.75 |
| Bar screens, collectors | 0.8 ~ 1* | 1 | 1.25 |
| Screw pumps | 1 | 1.25 | 1.5 |
| Screens | | | |
| Rotary (for stone, for gravel) | 1 | 1.25 | 1.5 |
| Traveling water intake | 0.8 ~ 1* | 1 | 1.25 |
| Agricultural machinery | | | |
| Manure scrapers | 0.8 ~ 1* | 1 | * |
| Harvesting machines | 0.8 ~ 1* | 1 | * |
| Cranes and hoists | | | |
| Travel motion | 1.5 | 1.75 | 2 |
| Slewing gears | 1.25 | 1.5 | 2 |
| Hoisting gears | 1.25 | 1.5 | 1.75 |
| Derricking jib cranes | 1.25 | 1.5 | 1.75 |
| Mixer | | | |
| Constant density | 1.25 | 1.5 | 1.5 |
| Variable density | 1.5 | 1.75 | 1.75 |

工况系数 f_{Ah}

| | | | |
|----------------|--------|------|------|
| 木材和塑料工业 | | | |
| 电锯的主动力 | 1.5 | 1.75 | 2 |
| 电锯的进给动力 | 1 | 1.25 | 1.5 |
| 砍木机 | 1.5 | 1.75 | 2 |
| 胶合板胶合机 | 0.8~1* | 1 | 1.25 |
| 钻孔机 | 0.8~1* | 1 | 1.25 |
| 挤压机 | 1.25 | 1.5 | 1.75 |
| 搅拌机 | | | |
| 纯液体 (均匀密度) | 1.5 | 1.75 | 1.75 |
| 非均匀密度的液体 | 1.75 | 2 | 2.3 |
| 液体和固体 | 1.75 | 2 | 2.3 |
| 磨 机 | | | |
| 球磨机, 棒磨机 | 1.75 | 1.75 | 1.75 |
| 锤磨机, 粉碎机 | 1.5 | 1.75 | 2 |
| 印刷和制纸技术 | | | |
| 切割机 | 1 | 1.25 | 1.5 |
| 卷筒 | 0.8~1* | 1 | 1.25 |
| 打包进料机 | 1 | 1.25 | 1.25 |
| 电梯 | | | |
| 提升机 | 1.25 | 1.5 | 1.75 |
| 货运电梯 | 1.25 | 1.5 | 1.75 |
| 自动扶梯 | 1.25 | 1.25 | 1.5 |
| 纺织工业 | | | |
| 织机 | 1.25 | 1.5 | 1.75 |
| 纺纱机 | 0.8~1* | 1 | 1.25 |
| 洗涤机 | 1 | 1.25 | 1.5 |
| 输送机 | | | |
| 斗式输送机 | 1.5 | 1.75 | 1.75 |
| 平衡加荷或喂料 | 0.8~1* | 1 | 1.25 |
| 重载链和螺旋输送 | 1.25 | 1.5 | 1.5 |
| 振动输送机 | 1.5 | 1.75 | 2 |
| 卷扬机 | 1.5 | 1.75 | 1.75 |
| 皮带输送机 | 1.25 | 1.5 | 1.5 |
| 绞车 | 1.5 | 1.75 | 1.75 |
| 刮板式输送机 | | | |
| | 1.25 | 1.25 | 1.5 |
| 风扇 | | | |
| 离心式风扇 | 0.8~1* | 1 | 1.25 |
| 工业风扇 | 1 | 1.25 | 1.5 |
| 冷却塔动力 | 1.75 | 1.75 | 1.75 |
| 冷却塔风扇 | 1.75 | 2 | 2 |

Service Factor f_{Ah}

| | | | |
|---------------------------------------|--------|------|------|
| Lumber and plastic industry | | | |
| Main drive for saws | 1.5 | 1.75 | 2 |
| Feed drives for saws | 1 | 1.25 | 1.5 |
| Chopping machines | 1.5 | 1.75 | 2 |
| Veneer gluing machine | 0.8~1* | 1 | 1.25 |
| Drilling machine | 0.8~1* | 1 | 1.25 |
| Extruders | 1.25 | 1.5 | 1.75 |
| Agitators | | | |
| Pure liquids (constant density) | 1.5 | 1.75 | 1.75 |
| Liquids with variable density | 1.75 | 2 | 2.3 |
| Liquids and solids | 1.75 | 2 | 2.3 |
| Mills | | | |
| Ball, rod | 1.75 | 1.75 | 1.75 |
| Hammer, disintegrator | 1.5 | 1.75 | 2 |
| Printing and paper techniques | | | |
| Cutters | 1 | 1.25 | 1.5 |
| Reels | 0.8~1* | 1 | 1.25 |
| Bale feeders | 1 | 1.25 | 1.25 |
| Elevators | | | |
| Bucket elevators | 1.25 | 1.5 | 1.75 |
| Freight elevators | 1.25 | 1.5 | 1.75 |
| Escalators | 1.25 | 1.25 | 1.5 |
| Textile industry | | | |
| Looms | 1.25 | 1.5 | 1.75 |
| Spinners | 0.8~1* | 1 | 1.25 |
| Washers | 1 | 1.25 | 1.5 |
| Conveyors | | | |
| Bucket conveyors | 1.5 | 1.75 | 1.75 |
| Uniformly loaded or fed | 0.8~1* | 1 | 1.25 |
| Heavy duty, chain and screw conveyors | 1.25 | 1.5 | 1.5 |
| Shaker conveyors | 1.5 | 1.75 | 2 |
| Hoists | 1.5 | 1.75 | 1.75 |
| Belt conveyors | 1.25 | 1.5 | 1.5 |
| Hauling winches | 1.5 | 1.75 | 1.75 |
| Apron conveyors | | | |
| | 1.25 | 1.25 | 1.5 |
| Fans | | | |
| Centrifugal | 0.8~1* | 1 | 1.25 |
| Industrial fans | 1 | 1.25 | 1.5 |
| Cooling tower drives | 1.75 | 1.75 | 1.75 |
| Cooling tower fans | 1.75 | 2 | 2 |

工况系数 f_{Ah}

| | | | |
|-------------|----------|------|------|
| 包装机械 | | | |
| 纸板堆叠机械 | 1.25 | 1.5 | 1.75 |
| 打包机 | 0.8 ~ 1* | 1 | 1.25 |
| 机床设备 | | | |
| 平面刨床, 龙门刨床 | 1.25 | 1.5 | 1.75 |
| 弯轧机 | | | |
| 主动力, 进给动力 | 1 | 1.25 | 1.5 |
| 进给和辅助动力 | 0.8 ~ 1* | 1 | 1.25 |
| 压力机 | 1.75 | 2 | 2 |
| 折弯机 | 1.5 | 1.75 | 2 |
| 剪板机 | 1.75 | 2 | 2 |
| 钢铁工业 | | | |
| 拉线机 | 1.25 | 1.5 | 1.75 |
| 绕线机 | 1.25 | 1.75 | 1.75 |
| 轧辊辊道: 无回转 | | | |
| —组合动力 | 1.25 | 1.5 | 1.75 |
| —独立动力 | 1.5 | 1.75 | 2 |
| 泵 | | | |
| 离心式 | 1 | 1.25 | 1.5 |
| 旋转式, 齿轮型, | 0.8 ~ 1* | 1 | 1.25 |
| 叶轮型, 叶片型 | | | |
| 活塞泵: 单缸 | 1.5 | 1.75 | 2 |
| 多缸 | 1.25 | 1.5 | 1.75 |
| 螺旋泵 | 1 | 1.25 | 1.5 |

工况系数 f_{Ac}

| | |
|----------|------|
| 启动次数/每小时 | |
| < 10 | 1 |
| < 100 | 1.15 |
| < 500 | 1.25 |

工况系数 f_{At}

| | | | | | |
|----------------------------|----------|----------|----------|----------|----------|
| 环境 | +20°C... | +20°C... | +30°C... | +40°C... | +50°C... |
| 温度 | | +30°C | +40°C | +50°C | +60°C |
| f_{At} | 1 | 1.1 | 1.25 | 1.5 | 1.75 |

工况系数 f_{An}

| | | | | | | | |
|----------------------------|-----|------|-----|------|------|------|-------|
| 输出 | ≤2 | 2~10 | 10~ | 50~ | 100~ | 150~ | > 200 |
| 转速 | | | 50 | 100 | 150 | 200 | |
| f_{An} | 0.9 | 0.95 | 1.0 | 1.01 | 1.2 | 1.3 | 1.4 |

*=0.8 假如运行时间少于 3 小时/天, 并且无径向载荷作用。

这些工况系数是基于 AGMA 和 ISO 的推荐以及我们的经验所得。

特别适用于电动机作为主要动力的场合。对于特殊应用设计, 例如大的惯性系数, 请与我公司技术部联系。

Service Factor f_{Ah}

| | | | |
|--------------------------------|----------|------|------|
| Packing machine | | | |
| Cardboard stacking machine | 1.25 | 1.5 | 1.75 |
| Wrapping machine | 0.8 ~ 1* | 1 | 1.25 |
| Machine tools | | | |
| Plate surfacers, plate | 1.25 | 1.5 | 1.75 |
| planers, bending rolls | | | |
| Main drives, feed drives | 1 | 1.25 | 1.5 |
| Feed and auxiliary drives | 0.8 ~ 1* | 1 | 1.25 |
| Presses | 1.75 | 2 | 2 |
| Folding machines | 1.5 | 1.75 | 2 |
| Plate shears | 1.75 | 2 | 2 |
| Iron and steel industry | | | |
| Wire drew benches | 1.25 | 1.5 | 1.75 |
| Winding machine | 1.25 | 1.75 | 1.75 |
| Rolling mill: non reversing | | | |
| —group drives | 1.25 | 1.5 | 1.75 |
| —individual drives | 1.5 | 1.75 | 2 |
| Pumps | | | |
| Centrifugal | 1 | 1.25 | 1.5 |
| Rotary, gear type, | 0.8 ~ 1* | 1 | 1.25 |
| lobe, vane | | | |
| Piston pumps: single cylinder | 1.5 | 1.75 | 2 |
| multi-cylinder | 1.25 | 1.5 | 1.75 |
| Screw pumps | 1 | 1.25 | 1.5 |

Service Factor f_{Ac}

| | |
|--------------------------------|------|
| Number of starts and stop/hour | |
| < 10 | 1 |
| < 100 | 1.15 |
| < 500 | 1.25 |

Service Factor f_{At}

| | | | | | |
|----------------------------|----------|----------|----------|----------|----------|
| Ambient | +20°C... | +20°C... | +30°C... | +40°C... | +50°C... |
| temperature | | +30°C | +40°C | +50°C | +60°C |
| f_{At} | 1 | 1.1 | 1.25 | 1.5 | 1.75 |

Service Factor f_{An}

| | | | | | | | |
|----------------------------|-----|------|-----|------|------|------|-------|
| Output | ≤2 | 2~10 | 10~ | 50~ | 100~ | 150~ | > 200 |
| speed | | | 50 | 100 | 150 | 200 | |
| f_{An} | 0.9 | 0.95 | 1.0 | 1.01 | 1.2 | 1.3 | 1.4 |

*=0.8, if hours of operation < 3 hours/24 and no radial overhung load is applied.

These service factors are recommended on the basis of AGMA and ISO specifications and our experiences. They apply for electric motors as prime movers preferably. For specially designed applications, e.g. large inertia factor, please contact our technology department.

附加载荷

轴向载荷

如果没有径向载荷，那么轴向载荷 F_A (+表示拉力，-表示压紧力) 依据表中径向负荷的 5% 给定是允许的。

过大的轴向载荷或轴向及径向的合成力，请咨询技术部。

输入轴载荷

输入轴的轴向载荷和径向载荷应用，请咨询技术部

偏离输出轴轴伸中心点的径向载荷校核

对于受力点不在输出轴轴伸中点处的许用径向载荷根据下列公式计算。

F_{XL} 和 F_{XW} 中的较小值，就是在 X 位置的许用径向载荷。

根据轴承寿命计算 F_{XL} (单位 N)

$$F_{XL} = F_{Ra} \times a / (b + X)$$

根据输出轴强度计算 F_{XW} (单位 N)

$$F_{XW} = c / (f + X)$$

F_{Ra} -- 底脚安装的减速机输出轴轴伸中点处的许用径向载荷，单位[N]

X -- 从轴肩到受力点的距离，单位[mm]

a, b, f -- 对径向载荷转化的减速机常数，单位[mm]

c -- 对径向载荷转化的减速机常数，单位[N·mm]

Additional loads

Axial Loads

If there is no overhung long, then an axial load F_A (tension or compression) amount to 5% of the overhung load given in the selection tables is approved.

if significantly greater axial loads or combinations of overhung load and axial load. Please contact our technology department .

Input Shaft Loads

Please contact technical department for axial and radial loads on input shaft

Overhung Load Conversion for Off-center Force Application

The approved overhung loads given in the selection tables must be calculated by using the following formulae in the event of force application not in the center of the shaft end.

The smaller of the two values F_{XL} and F_{XW} is the approved value for the overhung load at point X .

F_{XL} acc.to bearing service life

$$F_{XL} = F_{Ra} \times a / (b + X)$$

F_{XW} from the shaft strength

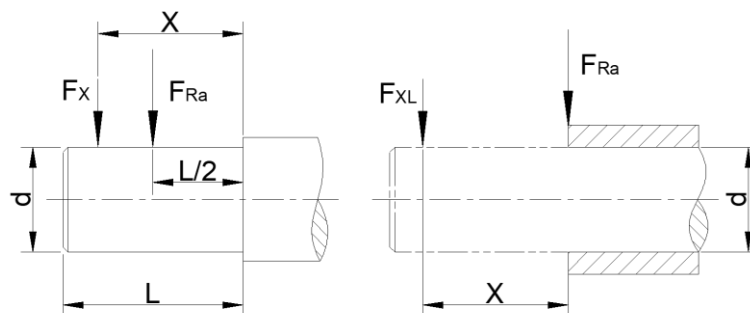
$$F_{XW} = c / (f + X)$$

F_{Ra} -- Approved overhung load ($X=L/2$) for foot-mounted gear units according to the selection tables in [N]

X -- Distance from the shaft shoulder to the force application point in [mm]

a, b, f -- Gear unit constants for overhung load conversion [mm]

c -- Gear unit constants for overhung load conversion [N·mm]



图：偏离中心点的径向力Fx

Fig: Overhung load Fx for off-center force application

对径向载荷转化的减速机常数

Gear unit constants for overhung load conversion

| 机型号 Type size | 减速机常数 Reducer constant | | | | | |
|------------------|------------------------|-------|-----------------------|-------|-------|-------|
| | a(mm) | b(mm) | c(N.mm) | f(mm) | d(mm) | l(mm) |
| ZYR19 | 88.5 | 68.5 | 6.527x10 ⁴ | 17 | 20 | 40 |
| ZYR29 | 106.5 | 81.5 | 1.56 x10 ⁵ | 11.8 | 25 | 50 |
| ZYR39 | 118 | 93 | 1.24 x10 ⁵ | 0 | 25 | 50 |
| ZYR49 | 137 | 107 | 2.44 x10 ⁵ | 15 | 20 | 60 |
| ZYR59 | 147.5 | 112.5 | 3.77 x10 ⁵ | 18 | 35 | 70 |
| ZYR69 | 168.5 | 133.5 | 2.51 x10 ⁵ | 0 | 35 | 70 |
| ZYR79 | 173.7 | 133.7 | 3.97 x10 ⁵ | 0 | 40 | 80 |
| ZYR89 | 216.7 | 166.7 | 8.47 x10 ⁵ | 0 | 50 | 100 |
| ZYR99 | 255.5 | 195.5 | 1.19 x10 ⁶ | 0 | 60 | 120 |
| ZYR109 | 285.5 | 215.5 | 2.06 x10 ⁶ | 0 | 70 | 140 |
| ZYR139 | 343.5 | 258.5 | 6.14 x10 ⁶ | 30 | 90 | 170 |
| ZYR149 | 402 | 297 | 8.65 x10 ⁶ | 33 | 110 | 210 |
| ZYR169 | 450 | 345 | 1.26 x10 ⁷ | 0 | 120 | 210 |
| ZYR179 | 420 | 295 | 1.6 x10 ⁷ | 0 | 160 | 250 |
| ZYRX59 | 43.5 | 23.5 | 1.51 x10 ⁵ | 34.2 | 20 | 40 |
| ZYRX69 | 52.5 | 27.5 | 2.42 x10 ⁵ | 39.7 | 25 | 50 |
| ZYRX79 | 60.5 | 30.5 | 1.95 x10 ⁵ | 0 | 30 | 60 |
| ZYRX89 | 73.5 | 33.5 | 7.69 x10 ⁵ | 48.9 | 40 | 80 |
| ZYRX99 | 86.5 | 36.5 | 1.43 x10 ⁶ | 53.9 | 50 | 100 |
| ZYRX109 | 102.5 | 42.5 | 2.47 x10 ⁶ | 62.3 | 60 | 120 |
| ZYRX139 | 133 | 63 | 3.55 x10 ⁶ | 70.1 | 70 | 140 |
| ZYF39 | 123.5 | 98.5 | 1.07 x10 ⁵ | 0 | 25 | 50 |
| ZYF49 | 153.5 | 123.5 | 1.78 x10 ⁵ | 0 | 30 | 60 |
| ZYF59 | 170.7 | 135.7 | 5.49 x10 ⁵ | 32 | 35 | 70 |
| ZYF69 | 181.3 | 141.3 | 4.12 x10 ⁵ | 0 | 40 | 80 |
| ZYF79 | 215.8 | 165.8 | 7.78 x10 ⁵ | 0 | 50 | 100 |
| ZYF89 | 263 | 203 | 1.19 x10 ⁶ | 0 | 60 | 120 |
| ZYF99 | 350 | 280 | 2.09 x10 ⁶ | 0 | 70 | 140 |
| ZYF109 | 373.5 | 288.5 | 4.23 x10 ⁶ | 0 | 90 | 170 |
| ZYF129 | 442.5 | 337.5 | 9.49 x10 ⁶ | 0 | 110 | 210 |
| ZYF159 | 512 | 407 | 1.05 x10 ⁷ | 0 | 120 | 210 |
| ZYK39 | 123.5 | 98.5 | 1.41 x10 ⁵ | 0 | 25 | 50 |
| ZYK49 | 153.5 | 123.5 | 1.78 x10 ⁵ | 0 | 30 | 60 |
| ZYK59 | 169.7 | 134.7 | 6.8 x10 ⁵ | 31 | 35 | 70 |
| ZYK69 | 181.3 | 141.3 | 4.12 x10 ⁵ | 0 | 40 | 80 |
| ZYK79 | 215.8 | 165.8 | 7.69 x10 ⁵ | 0 | 50 | 100 |
| ZYK89 | 252 | 192 | 1.64 x10 ⁶ | 0 | 60 | 120 |
| ZYK99 | 319 | 249 | 2.8 x10 ⁶ | 0 | 70 | 140 |
| ZYK109 | 373.5 | 288.5 | 5.53 x10 ⁶ | 0 | 90 | 170 |
| ZYK129 | 443.5 | 338.5 | 8.31 x10 ⁶ | 0 | 110 | 210 |
| ZYK159 | 509 | 404 | 1.18 x10 ⁷ | 0 | 120 | 210 |
| ZYK169 | 621.5 | 496.5 | 1.88 x10 ⁷ | 0 | 160 | 250 |
| ZYK189 | 720.5 | 560.5 | 3.04 x10 ⁷ | 0 | 190 | 320 |
| ZYS39 | 118.5 | 98.5 | 6.0 x10 ⁴ | 0 | 20 | 40 |
| ZYS49 | 130 | 105 | 1.33 x10 ⁵ | 0 | 25 | 50 |
| ZYS59 | 150 | 120 | 2.14 x10 ⁵ | 0 | 30 | 60 |
| ZYS69 | 184 | 149 | 3.04 x10 ⁵ | 0 | 35 | 70 |
| ZYS79 | 224 | 179 | 5.26 x10 ⁵ | 0 | 45 | 90 |
| ZYS89 | 281.5 | 221.5 | 1.68 x10 ⁶ | 0 | 60 | 120 |
| ZYS99 | 326.3 | 256.3 | 2.54 x10 ⁶ | 0 | 70 | 140 |
| ZYS109 | 453.5 | 283.5 | 2.85 x10 ⁶ | 0 | 90 | 170 |

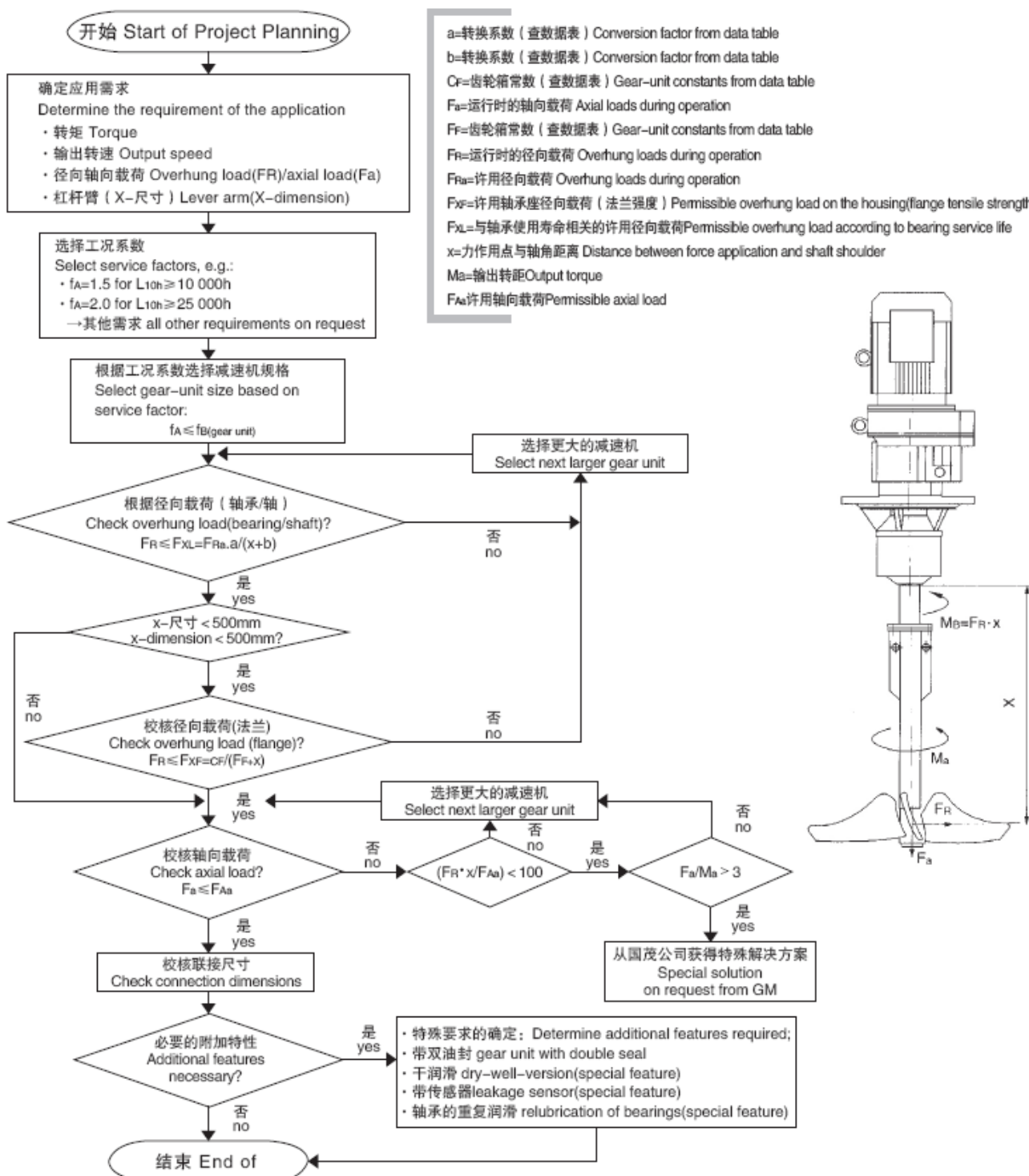
对于没有列出的型号的减速机常数需要另给定。

Values for types not listed are available on request.

ZYRM...选型

Selection procedure of ZYRM...

ZYRM 齿轮减速电机是一种带有扩展输出轴承座的特种齿轮减速电机，可用于大悬挂载荷、大轴向载荷和大变化载荷的场合。其主要性能参数同 ZYR 系列标准齿轮减速电机，外形及安装尺寸可参考“ZYRM 齿轮减速电机”部分图。ZYRM geared motors are a special type of helical geared motor with an extended output bearing housing. They are specially designed for agitator applications and can be used in applications subject to high overhung and axial loads as well as flexural torque. The remaining data correspond to the standard helical geared motors. You can find special project planning notes for ZBRM geared motors in “ZYRM gear units” in the “Project Planning for Gear Units” section.



许用径向和轴向载荷

Permitted overhung and axial loads

根据不同的服务系数 f_B 和不同的标称轴承使用寿命 L_{10h} 提供下述的许用径向载荷 F_{Ra} 和轴向载荷 F_{Aa} 。

The permitted overhung loads F_{Ra} and axial loads F_{Aa} are specified for various service factors f_B and nominal bearing service life L_{10h} .

$$f_{Bmin}=1.5 / L_{10h}=10000h$$

| | | 输出转速 Output speed n_a [rpm] | | | | | | | |
|---------|--------------|-------------------------------|-------|-------|-------|--------|---------|---------|---------|
| | | < 16 | 16-25 | 26-40 | 41-60 | 61-100 | 101-160 | 161-250 | 251-400 |
| ZYRM59 | F_{Ra} [N] | 400 | 400 | 400 | 400 | 400 | 405 | 410 | 415 |
| | F_{Aa} [N] | 18800 | 15000 | 11500 | 9700 | 7100 | 5650 | 4450 | 3800 |
| ZYRM69 | F_{Ra} [N] | 575 | 575 | 575 | 580 | 575 | 585 | 590 | 600 |
| | F_{Aa} [N] | 19000 | 18900 | 15300 | 11900 | 9210 | 7470 | 5870 | 5050 |
| ZYRM79 | F_{Ra} [N] | 1200 | 1200 | 1200 | 1200 | 1200 | 1210 | 1210 | 1220 |
| | F_{Aa} [N] | 22000 | 22000 | 19400 | 15100 | 11400 | 9220 | 7200 | 6710 |
| ZYRM89 | F_{Ra} [N] | 1970 | 1970 | 1970 | 1970 | 1980 | 1990 | 2000 | 2010 |
| | F_{Aa} [N] | 30000 | 30000 | 23600 | 18000 | 14300 | 11000 | 8940 | 8030 |
| ZYRM99 | F_{Ra} [N] | 2980 | 2980 | 2990 | 3010 | 3050 | 3060 | 3060 | 3080 |
| | F_{Aa} [N] | 40000 | 36100 | 27300 | 20300 | 15900 | 12600 | 9640 | 7810 |
| ZYRM109 | F_{Ra} [N] | 4230 | 4230 | 4230 | 4230 | 4230 | 4230 | 3580 | 3830 |
| | F_{Aa} [N] | 48000 | 41000 | 30300 | 23000 | 18000 | 13100 | 9550 | 9030 |
| ZYRM139 | F_{Ra} [N] | 8710 | 8710 | 8710 | 8710 | 7220 | 5060 | 3980 | 6750 |
| | F_{Aa} [N] | 70000 | 70000 | 70000 | 57600 | 46900 | 44000 | 35600 | 32400 |
| ZYRM149 | F_{Ra} [N] | 11100 | 11100 | 11100 | 11100 | 10600 | 10600 | 8640 | 10800 |
| | F_{Aa} [N] | 70000 | 70000 | 69700 | 58400 | 45600 | 38000 | 32800 | 30800 |
| ZYRM169 | F_{Ra} [N] | 14600 | 14600 | 14600 | 14600 | 14600 | 14700 | | |
| | F_{Aa} [N] | 70000 | 70000 | 70000 | 60300 | 45300 | 36900 | | |

$$f_{Bmin}=2.0 / L_{10h}=25000h$$

| | | 输出转速 Output speed n_a [rpm] | | | | | | | |
|---------|--------------|-------------------------------|-------|-------|-------|--------|---------|---------|---------|
| | | < 16 | 16-25 | 26-40 | 41-60 | 61-100 | 101-160 | 161-250 | 251-400 |
| ZYRM59 | F_{Ra} [N] | 410 | 410 | 410 | 410 | 410 | 415 | 415 | 420 |
| | F_{Aa} [N] | 12100 | 9600 | 7350 | 6050 | 4300 | 3350 | 2600 | 2200 |
| ZYRM69 | F_{Ra} [N] | 590 | 590 | 590 | 595 | 590 | 595 | 600 | 605 |
| | F_{Aa} [N] | 15800 | 12000 | 9580 | 7330 | 5580 | 4460 | 3460 | 2930 |
| ZYRM79 | F_{Ra} [N] | 1210 | 1210 | 1210 | 1210 | 1210 | 1220 | 1220 | 1220 |
| | F_{Aa} [N] | 20000 | 15400 | 11900 | 9070 | 6670 | 5280 | 4010 | 3700 |
| ZYRM89 | F_{Ra} [N] | 2000 | 2000 | 2000 | 2000 | 2000 | 1720 | 1690 | 1710 |
| | F_{Aa} [N] | 24600 | 19200 | 14300 | 10600 | 8190 | 6100 | 5490 | 4860 |
| ZYRM99 | F_{Ra} [N] | 3040 | 3040 | 3040 | 3050 | 3070 | 3080 | 2540 | 2430 |
| | F_{Aa} [N] | 28400 | 22000 | 16200 | 11600 | 8850 | 6840 | 5830 | 4760 |
| ZYRM109 | F_{Ra} [N] | 4330 | 4330 | 4330 | 4330 | 4330 | 3350 | 2810 | 2990 |
| | F_{Aa} [N] | 32300 | 24800 | 17800 | 13000 | 9780 | 8170 | 5950 | 5620 |
| ZYRM139 | F_{Ra} [N] | 8850 | 8850 | 8850 | 8830 | 5660 | 4020 | 3200 | 5240 |
| | F_{Aa} [N] | 70000 | 59900 | 48000 | 37900 | 33800 | 31700 | 25600 | 23300 |
| ZYRM149 | F_{Ra} [N] | 11400 | 11400 | 11400 | 11400 | 11400 | 8320 | 6850 | 8440 |
| | F_{Aa} [N] | 70000 | 60600 | 45900 | 39900 | 33500 | 27900 | 24100 | 22600 |
| ZYRM169 | F_{Ra} [N] | 15100 | 15100 | 15100 | 15100 | 15100 | 13100 | | |
| | F_{Aa} [N] | 70000 | 63500 | 51600 | 37800 | 26800 | 23600 | | |

转换系数和减速机常数

Conversion factors and gear unit constants

计算 ZYRM 齿轮减速机额定径向载荷 F_{xL} ($x \neq 1000\text{mm}$) 的转换系数:

The following conversion factors and gear unit constants apply to calculating the approved overhung load F_{xL} at point $x \neq 1000\text{mm}$ for ZBRM geared motors:

| 机型号 Type size | a | b | $c_F(f_B=1.5)$ | $c_F(f_B=2.0)$ | F_F |
|------------------|--------|------|----------------|----------------|-------|
| ZYRM59 | 1047 | 47 | 1220600 | 1260400 | 277 |
| ZYRM69 | 1047 | 47 | 2047600 | 2100000 | 297.5 |
| ZYRM79 | 1050 | 50 | 2512800 | 2574700 | 340.5 |
| ZYRM89 | 1056.5 | 56.5 | 4917800 | 5029000 | 414 |
| ZYRM99 | 1061 | 61 | 10911600 | 11124100 | 481 |
| ZYRM109 | 1069 | 69 | 15367000 | 15652000 | 554.5 |
| ZYRM139 | 1088 | 88 | 25291700 | 25993600 | 650 |
| ZYRM149 | 1091 | 91 | 30038700 | 31173900 | 756 |
| ZYRM169 | 1089.5 | 89.5 | 42096100 | 43654300 | 869 |

ZYRM 减速机的增加重量

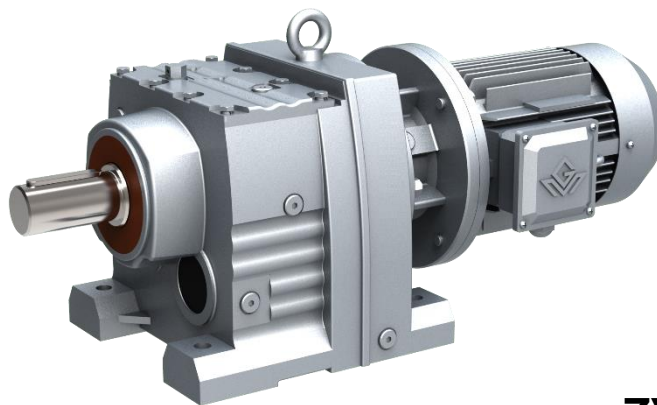
Additional weights of ZYRM gear units

| 型号 Type | 用 ZYRF 系列最小的法兰所增加的重量表 Additional weight in addition to GRF, related to the smallest GRF flange | $\Delta m[\text{kg}]$ |
|------------|---|-----------------------|
| ZYRM59 | 12 | |
| ZYRM69 | 15.8 | |
| ZYRM79 | 25 | |
| ZYRM89 | 29.7 | |
| ZYRM99 | 51.3 | |
| ZYRM109 | 88 | |
| ZYRM139 | 111.1 | |
| ZYRM149 | 167.4 | |
| ZYRM169 | 195.4 | |

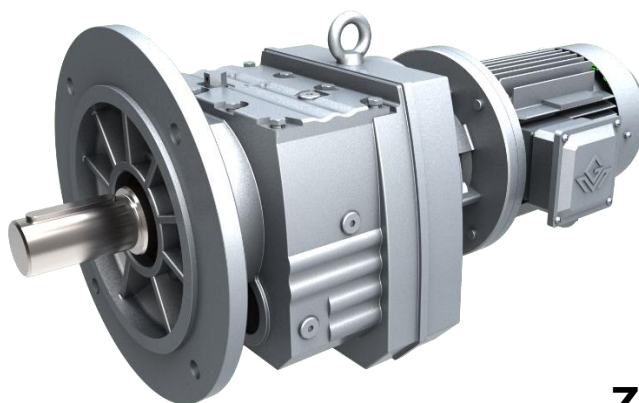
ZYR Series Helical Geared Motors

**ZYR
系列**

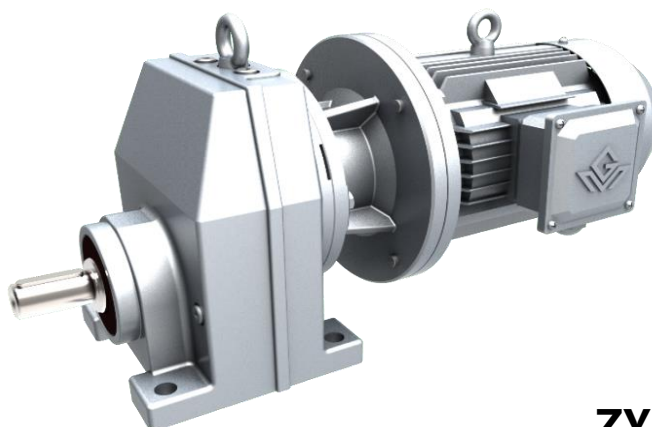
**斜
齿
轮
减
速
电
机**



ZYR..



ZYRF..



ZYRX..

ZPR 系列 结构

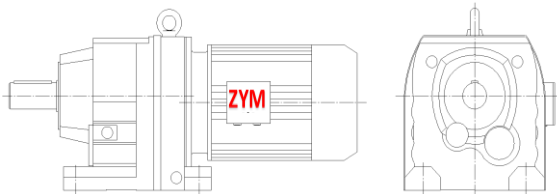
形式说明

ZPR 系列输入轴和输出轴有小偏心，由单级、二级或三级斜齿轮构成。

The input shafts and output shafts of ZPR series have small eccentricity. Units of ZPR series consist of single-stage, two-stage or three-stage helical gears.

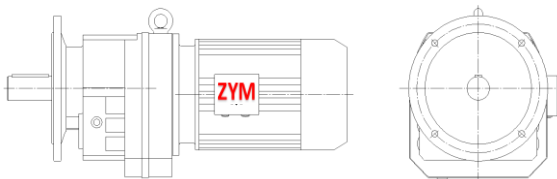
1.ZPR 型： 底脚安装。

Type ZPR: Foot mounted.



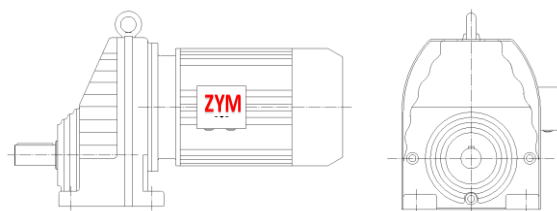
2.ZYRF 型： B5 法兰安装。 **Type**

ZYRF: B5 flange mounted.



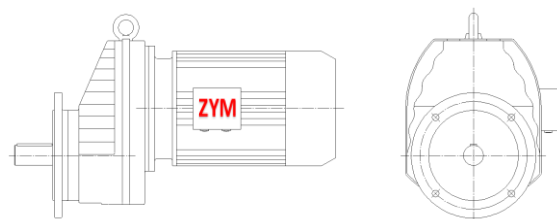
3.ZYRX 型： 底脚安装，单级传动。

Type ZYRX: Foot mounted. Single stage.



4. ZYRXF 型： B5 法兰安装，单级传动。

Type ZYRXF: B5 flange mounted. Single stage.

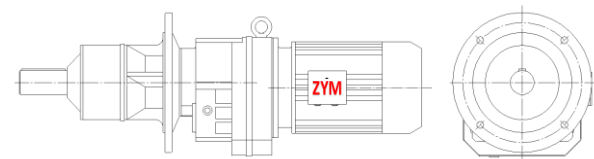


Type of ZPR Series

Dimensional Description

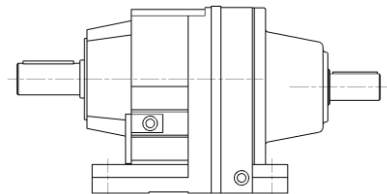
5.ZYRM 型： 法兰安装，带有加长轴承箱。

Type ZYRM: Flange mounted. Extended bearing housing.



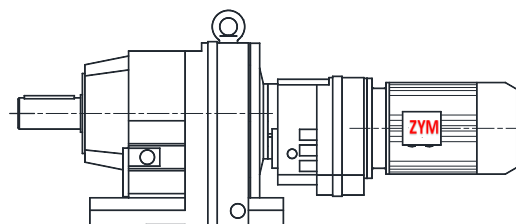
6.ZYR..AD..型： 输入轴型。

Type ZYR..AD..: Input shaft types.



7.ZYR..R 型： 两个 ZYR 系列的组合。

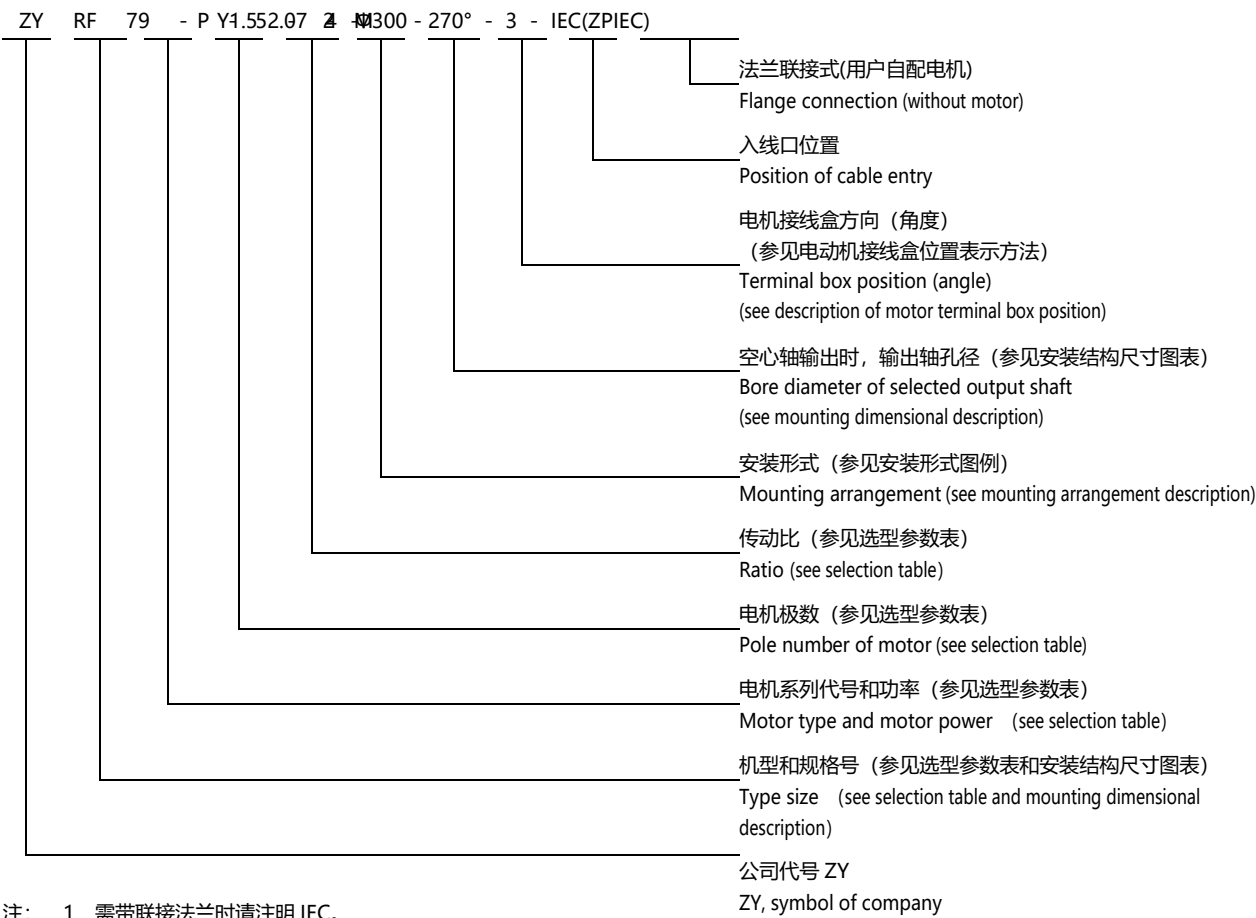
Type ZYR..R: Combined types of two type ZYR.



ZYM

型号表示方法

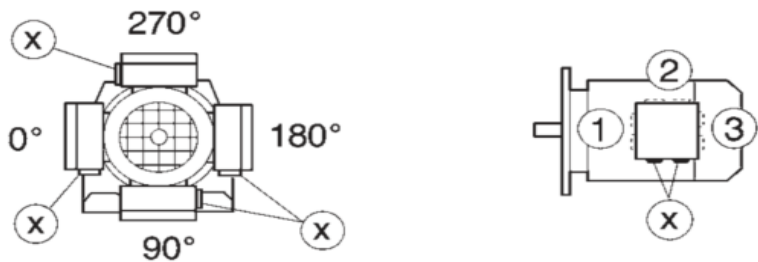
Type Expression of ZYR Series



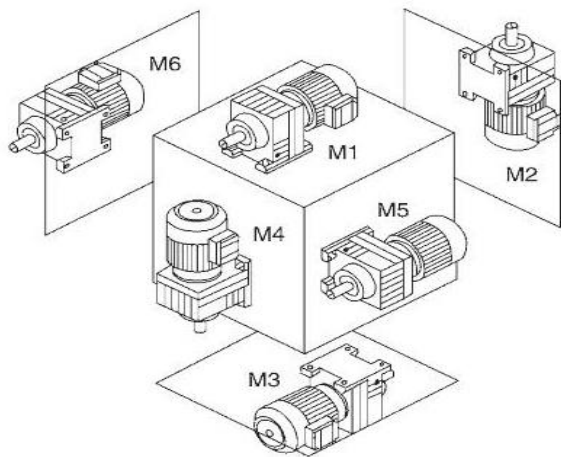
- 注: 1、需带联接法兰时请注明 IEC。
2、输入轴型没有电动机各项内容。
3、不注明减速机的安装形式时, 则默认为安装形式中的 M1 位置。不注明接线盒方向时, 则默认为安装形式中的 0 度位置。不注明入线口位置时, 则默认为 X 位置。
4、对输出轴旋转方向和输入轴旋转方向有特别要求的用户, 请与技术部联系, 并在订货时用简图或文字说明。
- Note: 1、Please make a note, if it needs connecting flange.
2、Contents of motors for input shaft types are not listed.
3、It is M1, When the mounting arrangement of the reducer is not mentioned. Degree=0°, if terminal box position is not mentioned. It is X, if cable entry position is not mentioned.
4、If specific rotation directions of output shaft or/and input shaft are specially requested, please contact our technology department, and make detailed description while placing order.

电机接线盒位置及入线口位置表示方法

Description of Motor Terminal Box Position and Cable Entry Position



安装形式图例



安装形式定义:

M1-电机水平放置; 减速机底脚(ZYR、ZYRX 型)或底部 (ZYRF、ZYRXF 型) 朝下。

M2-电机居下。

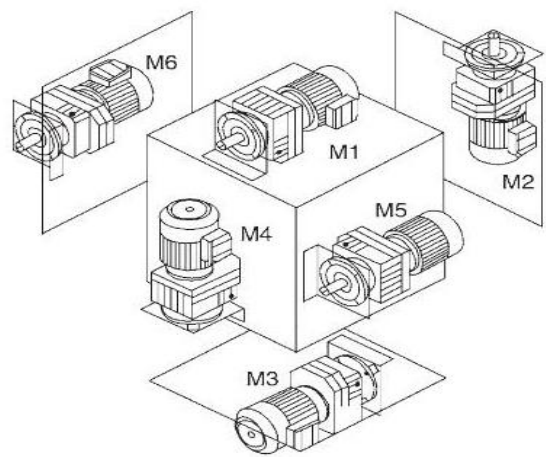
M3-电机水平放置; 减速机底脚(ZYR、ZYRX 型)或底部 (ZYRF、ZYRXF 型) 朝上。

M4-电机居上。

M5-电机水平放置; 当减速机在 M1 安装位置时, 从电机方向看, 减速机的左面旋转到下方位置。

M6-电机水平放置; 当减速机在 M1 安装位置时, 从电机方向看, 减速机的左面旋转到上方位置。

Mounting Arrangements Description



Mounting arrangements are defined as following:

M1-horizontally mounted motor,unit foot (for ZYR,ZYRX) or unit base (for ZYRF,ZYRXF) is at bottom.

M2-motor is vertically mounted downwards.

M3-horizontally mounted motor,unit foot (for ZYR,ZYRX) or unit base (for ZYRF,ZYRXF) is top.

M4-motor is vertically mounted upwards.

M5-horizontally mounted motor,if placed on M1 position,left side of unit turns to bottom(view point:towards from motor side).

M6-horizontally mounted motor,if placed on M1 position,left side of unit turns to top(view point:towards from motor side).

减速机重量

| 机型号 Type size | ZYR19 | ZYR29 | ZYR39 | ZYR49 | ZYR59 | ZYR69 | ZYR79 | ZYR89 | ZYR99 | ZYR109 | ZYR139 | ZYR149 | ZYR169 | ZYR179 |
|------------------|--------|--------|--------|--------|--------|---------|---------|-------|-------|--------|--------|--------|--------|--------|
| 重量(kg) Weight | 5 | 6 | 7.5 | 13 | 21 | 25 | 35 | 67 | 100 | 187 | 280 | 450 | 735 | 1250 |
| 机型号 Type size | ZYRX59 | RZYX69 | ZYRX79 | ZYRX89 | ZYRX99 | ZYRX109 | ZYRX139 | | | | | | | |
| 重量(kg) Weight | 11 | 15 | 25 | 47 | 80 | 115 | 130 | | | | | | | |

注:重量为平均值, 不包括电机、联接法兰, 仅供参考。

(Note: The weights mean values without the motor and IEC flange, only for reference.)

Gear Unit Weight

选型参数表注释

恒功率 Constant power

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|----------------------|-----------------------|--------------|-----------------------------------|------------------------|------------------|------------|
| ↓ | ↓ | ↓ | ↓ | ↓ | | |
| 输出转速 Output speed | 输出转矩 Output torque | 减速比 Ratio | 许用径向载荷 Permissible radial load | 使用系数 Service factor | | |

Description of Selection Table

恒转矩 Constant torque

| M_{max} [Nm] | n_a [r/min] | i | F_{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|-----------------------------|----------------------|--------------|-----------------------------------|------------------|---------------------|
| ↓ | ↓ | ↓ | ↓ | | |
| 最大输出转矩 Max.output torque | 输出转速 Output speed | 减速比 Ratio | 许用径向载荷 Permissible radial load | | 电机功率 Motor power |

选型参数表

(恒功率) 0.12kW

Selection Table

(Constant Power) 0.12kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|-------------------------|------------|---------------------------|------------------------|------|-------------------------|----------------|-----------------------|------------|
| 0.12kW | | | | | | | 0.12kW | | | | | | |
| 0.06 | 16850 | 21342 | 56 | 0.80 | ZYR149R79 ZYRF149R79 | 4P | 0.92 | 1129 | 1430 | 7.8 | 0.80 | ZYR79R39 ZYRF79R39 | 4P |
| 0.07 | 14370 | 18201 | 61 | 0.95 | | | 1.0 | 1029 | 1303 | 8.6 | 0.85 | | |
| 0.08 | 12571 | 15923 | 64 | 1.10 | | | 1.2 | 887 | 1124 | 10 | 1.00 | | |
| 0.09 | 11112 | 14075 | 65 | 1.25 | | | 1.3 | 827 | 1047 | 10 | 1.05 | | |
| 0.11 | 9746 | 12344 | 67 | 1.40 | ZYR149R79 ZYRF149R79 | 4P | 1.4 | 722 | 915 | 11 | 1.20 | ZYR79R39 ZYRF79R39 | 4P |
| 0.12 | 8798 | 11143 | 68 | 1.60 | | | 0.94 | 1101 | 1394 | 8.2 | 0.80 | | |
| 0.13 | 7692 | 9743 | 69 | 1.80 | | | 1.1 | 962 | 1218 | 10 | 0.90 | | |
| 0.16 | 6666 | 8443 | 69 | 2.10 | | | 1.2 | 856 | 1084 | 10 | 1.00 | | |
| 0.18 | 5769 | 7307 | 70 | 2.40 | ZYR139R79 ZYRF139R79 | 4P | 1.4 | 742 | 940 | 11 | 1.15 | ZYR79R39 ZYRF79R39 | 4P |
| 0.20 | 5090 | 6447 | 70 | 2.70 | | | 1.6 | 648 | 821 | 11 | 1.35 | | |
| 0.24 | 4396 | 5568 | 70 | 3.20 | | | 1.8 | 577 | 731 | 12 | 1.50 | | |
| 0.10 | 10201 | 12921 | 50 | 0.85 | | | 2.0 | 510 | 646 | 12 | 1.70 | | |
| 0.11 | 9247 | 11712 | 52 | 0.90 | ZYR139R79 ZYRF139R79 | 4P | 2.5 | 411 | 520 | 12 | 2.10 | ZYR79R39 ZYRF79R39 | 4P |
| 0.12 | 8348 | 10573 | 54 | 1.00 | | | 2.9 | 356 | 451 | 12 | 2.45 | | |
| 0.15 | 6935 | 8784 | 55 | 1.20 | | | 3.1 | 333 | 422 | 12 | 2.60 | | |
| 0.18 | 5905 | 7479 | 56 | 1.45 | | | 3.6 | 288 | 365 | 12 | 3.00 | | |
| 0.20 | 5178 | 6559 | 57 | 1.65 | ZYR109R79 ZYRF109R79 | 4P | 1.4 | 755 | 956 | 5.7 | 0.85 | ZYR69R39 ZYRF69R39 | 4P |
| 0.22 | 4606 | 5834 | 57 | 1.85 | | | 1.5 | 703 | 891 | 7.1 | 0.90 | | |
| 0.26 | 4039 | 5116 | 57 | 2.10 | | | 1.8 | 576 | 730 | 8.2 | 1.10 | | |
| 0.17 | 5987 | 7583 | 27 | 0.80 | | | 2.0 | 508 | 644 | 8.7 | 1.25 | | |
| 0.19 | 5324 | 6743 | 30 | 0.85 | ZYR109R79 ZYRF109R79 | 4P | 2.3 | 451 | 571 | 9.0 | 1.40 | ZYR69R39 ZYRF69R39 | 4P |
| 0.22 | 4669 | 5914 | 31 | 1.00 | | | 2.7 | 384 | 486 | 9.3 | 1.65 | | |
| 0.25 | 4080 | 5168 | 33 | 1.10 | | | 1.6 | 660 | 836 | 7.6 | 0.95 | | |
| 0.30 | 3502 | 4435 | 34 | 1.30 | | | 1.7 | 592 | 750 | 8.4 | 1.05 | | |
| 0.34 | 3076 | 3896 | 35 | 1.50 | ZYR109R79 ZYRF109R79 | 4P | 2.0 | 510 | 646 | 8.7 | 1.25 | ZYR69R39 ZYRF69R39 | 4P |
| 0.43 | 2399 | 3039 | 35 | 1.90 | | | 2.3 | 453 | 574 | 9.0 | 1.40 | | |
| 0.33 | 3093 | 3918 | 34 | 1.45 | | | 2.6 | 391 | 495 | 9.3 | 1.60 | | |
| 0.39 | 2639 | 3343 | 35 | 1.70 | | | 3.0 | 346 | 438 | 9.5 | 1.85 | | |
| 0.43 | 2395 | 3034 | 35 | 1.90 | ZYR99R59 ZYRF99R59 | 4P | 1.7 | 617 | 782 | 5.4 | 0.80 | ZYR59R39 ZYRF59R39 | 4P |
| 0.49 | 2095 | 2653 | 35 | 2.15 | | | 1.9 | 535 | 678 | 6.8 | 0.90 | | |
| 0.57 | 1800 | 2280 | 35 | 2.50 | | | 2.2 | 477 | 604 | 7.0 | 1.00 | | |
| 0.63 | 1632 | 2067 | 36 | 2.80 | | | 2.4 | 424 | 537 | 7.1 | 1.10 | | |
| 0.29 | 3599 | 4559 | 20 | 0.90 | ZYR99R59 ZYRF99R59 | 4P | 2.8 | 372 | 471 | 7.2 | 1.30 | ZYR59R39 ZYRF59R39 | 4P |
| 0.33 | 3161 | 4004 | 23 | 1.00 | | | 3.7 | 282 | 357 | 7.4 | 1.70 | | |
| 0.38 | 2748 | 3481 | 24 | 1.15 | | | 4.1 | 252 | 319 | 7.4 | 1.90 | | |
| 0.28 | 3693 | 4678 | 3.8 | 0.85 | | | 3.6 | 283 | 359 | 7.4 | 1.70 | ZYR59R39 ZYRF59R39 | 4P |
| 0.30 | 3402 | 4309 | 20 | 0.95 | ZYR99R59 ZYRF99R59 | 4P | 4.0 | 256 | 324 | 7.4 | 1.85 | | |
| 0.35 | 2923 | 3702 | 23 | 1.10 | | | 4.5 | 229 | 290 | 7.5 | 2.10 | | |
| 0.43 | 2384 | 3019 | 25 | 1.30 | | | 5.0 | 207 | 262 | 7.5 | 2.30 | | |
| 0.49 | 2106 | 2668 | 26 | 1.50 | ZYR99R59 ZYRF99R59 | 4P | 5.3 | 194 | 246 | 7.5 | 2.45 | ZYR49R39 ZYRF49R39 | 4P |
| 0.58 | 1772 | 2245 | 26 | 1.80 | | | 6.0 | 174 | 220 | 7.5 | 2.75 | | |
| 0.65 | 1592 | 2016 | 27 | 2.00 | | | 2.3 | 452 | 572 | 2.4 | 0.80 | | |
| 0.76 | 1368 | 1733 | 27 | 2.30 | | | 2.6 | 403 | 510 | 4.9 | 0.80 | | |
| 0.43 | 2420 | 3065 | 25 | 1.30 | ZYR99R59 ZYRF99R59 | 4P | 3.0 | 344 | 436 | 5.3 | 0.90 | ZYR49R39 ZYRF49R39 | 4P |
| 0.48 | 2149 | 2722 | 26 | 1.50 | | | 3.2 | 322 | 408 | 5.3 | 1.00 | | |
| 0.57 | 1825 | 2311 | 26 | 1.75 | | | 3.8 | 272 | 344 | 5.5 | 1.15 | | |
| 0.63 | 1641 | 2078 | 26 | 1.95 | | | 2.6 | 396 | 502 | 3.6 | 0.80 | ZYR49R39 ZYRF49R39 | 4P |
| 0.72 | 1439 | 1823 | 27 | 2.20 | ZYR89R59 ZYRF89R59 | 4P | 3.1 | 339 | 429 | 5.2 | 0.95 | | |
| 0.83 | 1250 | 1583 | 27 | 2.55 | | | 3.5 | 294 | 372 | 5.4 | 1.10 | | |
| 0.94 | 1102 | 1396 | 27 | 2.90 | | | 3.8 | 275 | 348 | 5.4 | 1.15 | | |
| 1.1 | 970 | 1228 | 27 | 3.30 | | | 4.4 | 238 | 301 | 5.5 | 1.35 | ZYR3R19 ZYRF3R19 | 4P |
| 0.45 | 2278 | 2885 | 15 | 0.80 | ZYR89R59 ZYRF89R59 | 4P | 5.1 | 201 | 255 | 5.7 | 1.55 | | |
| 0.67 | 1555 | 1969 | 18 | 1.05 | | | 5.7 | 180 | 228 | 5.7 | 1.75 | | |
| 0.47 | 2196 | 2781 | 10 | 0.80 | | | 6.7 | 154 | 195 | 5.7 | 2.10 | | |
| 0.50 | 2057 | 2606 | 15 | 0.80 | ZYR89R59 ZYRF89R59 | 4P | 3.9 | 267 | 338 | 4.5 | 0.80 | ZYR3R19 ZYRF3R19 | 4P |
| 0.61 | 1688 | 2138 | 17 | 0.95 | | | 4.4 | 234 | 296 | 4.7 | 0.90 | | |
| 0.68 | 1530 | 1938 | 18 | 1.05 | | | 5.1 | 204 | 259 | 5.0 | 1.00 | | |
| 0.75 | 1374 | 1740 | 18 | 1.20 | | | 5.7 | 180 | 228 | 5.1 | 1.15 | | |
| 0.75 | 1377 | 1744 | 19 | 1.20 | ZYR89R59 ZYRF89R59 | 4P | 6.6 | 157 | 199 | 5.3 | 1.35 | ZYR3R19 ZYRF3R19 | 4P |
| 0.86 | 1208 | 1530 | 19 | 1.35 | | | 7.6 | 136 | 172 | 5.4 | 1.55 | | |
| 1.0 | 1033 | 1308 | 19 | 1.60 | | | 4.0 | 259 | 328 | 4.3 | 0.80 | | |
| 1.1 | 906 | 1148 | 19 | 1.80 | | | 4.5 | 228 | 289 | 4.7 | 0.90 | | |
| 1.5 | 702 | 889 | 19 | 2.35 | ZYR89R59 ZYRF89R59 | 4P | 4.9 | 209 | 265 | 4.9 | 1.00 | ZYR3R19 ZYRF3R19 | 4P |
| 1.7 | 616 | 780 | 19 | 2.65 | | | 5.8 | 178 | 226 | 5.2 | 1.20 | | |
| 1.9 | 543 | 688 | 19 | 3.00 | | | 6.5 | 159 | 202 | 5.3 | 1.30 | | |
| 2.2 | 474 | 601 | 19 | 3.50 | | | 7.3 | 141 | 179 | 5.4 | 1.50 | | |

选型参数表

(恒功率) 0.12kW

Selection Table

(Constant Power) 0.12kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|-------------------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|---------------------------|------------|
| 0.12kW | | | | | | | 0.12kW | | | | | | |
| 5.7 | 181 | 229 | 3.9 | 0.80 | ZYR29R19 ZYRF29R19 | 4P | 15 | 68 | 84.78 | 4.2 | 1.85 | ZYR29 ZYRF29 | 4P |
| 6.6 | 158 | 200 | 4.0 | 0.85 | | | 18 | 60 | 74.11 | 4.2 | 2.10 | | |
| 7.4 | 140 | 177 | 4.1 | 1.00 | | | 19 | 56 | 69.47 | 4.2 | 2.20 | | |
| 7.9 | 131 | 166 | 4.1 | 1.05 | | | 21 | 49 | 61.30 | 4.2 | 2.50 | | |
| 5.8 | 179 | 227 | 3.9 | 0.80 | ZYR29R19 ZYRF29R19 | 4P | 23 | 45 | 55.87 | 4.1 | 2.80 | | |
| 6.5 | 160 | 203 | 4.0 | 0.85 | | | 27 | 39 | 48.17 | 3.9 | 3.20 | | |
| 7.3 | 141 | 179 | 4.1 | 1.00 | | | 29 | 36 | 44.90 | 3.8 | 3.50 | | |
| 8.4 | 123 | 156 | 4.1 | 1.10 | | | 10 | 101 | 81.64 | 0.3 | 0.80 | ZYR19 ZYRF19 | 6P* |
| 4.4 | 250 | 195.24 | 12 | 3.30 | ZYR79 ZYRF79 | 6P* | 12 | 87 | 70.39 | 1.4 | 0.95 | | |
| 5.1 | 213 | 166.59 | 12 | 3.90 | | | 13 | 81 | 65.61 | 1.8 | 1.00 | | |
| 5.8 | 187 | 145.67 | 12 | 4.40 | | | 15 | 71 | 57.35 | 2.3 | 1.15 | | |
| 4.3 | 256 | 199.81 | 10 | 2.40 | ZYR69 ZYRF69 | 6P* | 16 | 67 | 53.76 | 2.4 | 1.25 | | |
| 4.6 | 236 | 184.07 | 10 | 2.60 | | | 18 | 59 | 47.44 | 2.4 | 1.40 | | |
| 5.4 | 203 | 158.14 | 10 | 3.00 | | | 16 | 66 | 81.64 | 2.4 | 1.25 | ZYR19 ZYRF19 | 4P |
| 6.2 | 176 | 137.67 | 10 | 3.40 | | | 19 | 57 | 70.39 | 2.4 | 1.45 | | |
| 6.6 | 165 | 128.97 | 10 | 3.70 | | | 20 | 53 | 65.61 | 2.4 | 1.55 | | |
| 7.5 | 90 | 113.94 | 10 | 4.10 | | | 23 | 46 | 57.35 | 2.4 | 1.80 | | |
| 6.6 | 166 | 199.81 | 10 | 3.60 | ZYR69 ZYRF69 | 4P | 24 | 43 | 53.76 | 2.4 | 1.90 | | |
| 7.1 | 153 | 184.07 | 10 | 3.90 | | | 28 | 38 | 47.44 | 2.4 | 2.20 | | |
| 4.5 | 239 | 186.89 | 7.4 | 1.90 | ZYR59 ZYRF59 | 6P* | 30 | 36 | 44.18 | 2.4 | 2.30 | | |
| 4.9 | 221 | 172.17 | 7.4 | 2.00 | | | 34 | 31 | 38.61 | 2.3 | 2.70 | | |
| 5.7 | 189 | 147.92 | 7.5 | 2.40 | | | 36 | 29 | 36.20 | 2.3 | 2.80 | | |
| 6.6 | 165 | 128.77 | 7.5 | 2.70 | | | 41 | 26 | 31.94 | 2.2 | 3.20 | | |
| 7.0 | 155 | 120.63 | 7.5 | 2.90 | | | 46 | 23 | 28.32 | 2.1 | 3.60 | | |
| 8.0 | 137 | 106.58 | 7.6 | 3.30 | | | 54 | 19 | 24.07 | 2.0 | 4.20 | | |
| 8.6 | 127 | 98.99 | 7.6 | 3.60 | ZYR59 ZYRF59 | 4P | 52 | 20 | 25.23 | 2.1 | 4.10 | ZYR19 ZYRF19 | 4P |
| 7.0 | 155 | 186.89 | 7.5 | 2.90 | | | 57 | 19 | 23.15 | 2.0 | 4.40 | | |
| 7.6 | 143 | 172.17 | 7.5 | 3.20 | | | 66 | 16 | 19.71 | 1.9 | 5.20 | | |
| 8.9 | 123 | 147.92 | 7.6 | 3.70 | | | 77 | 14 | 16.99 | 1.8 | 6.00 | | |
| 10.2 | 107 | 128.77 | 7.6 | 4.20 | ZYR49 ZYRF49 | 6P* | 83 | 13 | 15.84 | 1.8 | 6.40 | | |
| 4.8 | 227 | 176.88 | 5.5 | 1.35 | | | 95 | 11 | 13.84 | 1.7 | 7.40 | | |
| 5.2 | 209 | 162.94 | 5.5 | 1.45 | | | 101 | 10 | 12.98 | 1.7 | 7.90 | | |
| 6.1 | 179 | 139.99 | 5.6 | 1.70 | | | 114 | 9.2 | 11.45 | 1.6 | 8.50 | | |
| 7.0 | 156 | 121.87 | 5.7 | 1.95 | ZYR49 ZYRF49 | 4P | 129 | 8.2 | 10.15 | 1.6 | 9.20 | | |
| 7.4 | 147 | 176.88 | 5.7 | 2.00 | | | 152 | 6.9 | 8.63 | 1.5 | 10 | | |
| 8.0 | 135 | 162.94 | 5.7 | 2.20 | | | 174 | 6.1 | 7.55 | 1.4 | 8.90 | | |
| 9.4 | 116 | 139.99 | 5.8 | 2.60 | | | 186 | 5.7 | 7.04 | 1.4 | 9.50 | | |
| 11 | 101 | 121.87 | 5.8 | 3.00 | | | 213 | 4.9 | 6.15 | 1.3 | 11 | | |
| 11 | 95 | 114.17 | 5.8 | 3.20 | | | 227 | 4.6 | 5.76 | 1.3 | 11 | | |
| 13 | 84 | 100.86 | 5.8 | 3.60 | | | 257 | 4.1 | 5.09 | 1.3 | 12 | | |
| 14 | 78 | 93.68 | 5.8 | 3.90 | ZYR39 ZYRF39 | 6P* | 290 | 3.6 | 4.51 | 1.2 | 13 | ZYRX69 ZYRXF69 | 4P |
| 6.3 | 167 | 134.82 | 5.0 | 1.15 | | | 342 | 3.1 | 3.83 | 1.1 | 14 | | |
| 6.9 | 153 | 123.66 | 5.1 | 1.25 | | | 216 | 5.2 | 6.07 | 4.1 | 8.60 | | |
| 8.1 | 131 | 105.28 | 5.3 | 1.50 | | | 253 | 4.4 | 5.18 | 3.8 | 17 | | |
| 9.4 | 113 | 90.77 | 5.4 | 1.75 | | | 289 | 3.9 | 4.53 | 3.7 | 22 | ZYRX59 ZYRXF59 | 4P |
| 10 | 105 | 84.61 | 5.5 | 1.85 | ZYR39 ZYRF39 | 4P | 305 | 3.7 | 4.30 | 3.6 | 22 | | |
| 11 | 92 | 73.96 | 5.6 | 2.10 | | | 238 | 4.7 | 5.50 | 3.2 | 8.50 | | |
| 9.7 | 109 | 134.82 | 5.5 | 1.80 | | | 258 | 4.3 | 5.07 | 3.1 | 8.60 | | |
| 11 | 100 | 123.66 | 5.5 | 1.95 | | | 301 | 3.7 | 4.35 | 3.0 | 19 | | |
| 12 | 85 | 105.28 | 5.6 | 2.30 | | | 346 | 3.2 | 3.79 | 2.8 | 22 | | |
| 14 | 73 | 90.77 | 5.6 | 2.70 | | | 369 | 3.0 | 3.55 | 2.8 | 24 | | |
| 15 | 68 | 84.61 | 5.7 | 2.80 | ZYR29 ZYRF29 | 6P* | 417 | 2.7 | 3.14 | 2.7 | 25 | | |
| 18 | 60 | 73.96 | 5.7 | 3.30 | | | 450 | 2.5 | 2.91 | 2.6 | 28 | | |
| 6.9 | 154 | 123.91 | 3.9 | 0.80 | | | 496 | 2.3 | 2.64 | 2.5 | 31 | | |
| 8.1 | 131 | 105.49 | 4.0 | 0.95 | | | 553 | 2.0 | 2.37 | 2.4 | 35 | | |
| 9.3 | 113 | 90.96 | 4.1 | 1.10 | ZYR29 ZYRF29 | 4P | 642 | 1.7 | 2.04 | 2.3 | 41 | | |
| 10 | 105 | 84.78 | 4.1 | 1.20 | | | 682 | 1.6 | 1.92 | 2.3 | 43 | | |
| 11 | 92 | 74.11 | 4.2 | 1.40 | | | 794 | 1.4 | 1.65 | 2.1 | 49 | | |
| 9.7 | 109 | 135.09 | 4.1 | 1.15 | | | | | | | | | |
| 11 | 100 | 123.91 | 4.1 | 1.25 | | | | | | | | | |
| 12 | 85 | 105.49 | 4.2 | 1.50 | | | | | | | | | |
| 14 | 73 | 90.96 | 4.2 | 1.70 | | | | | | | | | |

*0.12kW (6P) 电机需特制。*0.12kW motor of 6 poles needs to be specially requested and then manufactured.

选型参数表

(恒功率) 0.18kW

Selection Table

(Constant Power) 0.18kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|-------|------------------|-------|---------------------------------|------------|------------------|---------------|------|------------------|-------|-------------------------------|------------|
| 0.18kW | | | | | | | 0.18kW | | | | | | |
| 0.09 | 16669 | 14075 | 42 | 0.85 | ZYR149R79 ZYRF149R79 | 4P | 1.1 | 1360 | 1148 | 18 | 1.20 | ZYR89R59 ZYRF89R59 | 4P |
| 0.11 | 14619 | 12344 | 60 | 0.95 | | | 1.5 | 1053 | 889 | 19 | 1.55 | | |
| 0.12 | 13196 | 11143 | 62 | 1.05 | | | 1.7 | 924 | 780 | 19 | 1.80 | | |
| 0.13 | 11538 | 9743 | 64 | 1.20 | | | 1.5 | 1016 | 858 | 7.7 | 0.85 | | |
| 0.16 | 9999 | 8443 | 66 | 1.40 | ZYR149R79 ZYRF149R79 | 4P | 1.7 | 896 | 757 | 9.3 | 1.00 | ZYR79R39 ZYRF79R39 | 4P |
| 0.18 | 8653 | 7307 | 67 | 1.60 | | | 2.0 | 795 | 671 | 10 | 1.10 | | |
| 0.20 | 7635 | 6447 | 68 | 1.80 | | | 2.3 | 676 | 571 | 11 | 1.30 | | |
| 0.24 | 6594 | 5568 | 69 | 2.10 | | | 1.6 | 972 | 821 | 9.0 | 0.90 | ZYR79R39 ZYRF79R39 | 4P |
| 0.27 | 5834 | 4926 | 69 | 2.35 | | | 1.8 | 866 | 731 | 10 | 1.00 | | |
| 0.30 | 5122 | 4325 | 70 | 2.70 | | | 2.0 | 765 | 646 | 10 | 1.15 | | |
| 0.35 | 4446 | 3754 | 70 | 3.15 | | | 2.3 | 663 | 560 | 11 | 1.30 | | |
| 0.40 | 3910 | 3302 | 70 | 3.60 | | | 2.7 | 578 | 488 | 11 | 1.50 | | |
| 0.15 | 10403 | 8784 | 47 | 0.80 | ZYR139R79 ZYRF139R79 | 4P | 3.0 | 516 | 436 | 12 | 1.70 | | |
| 0.18 | 8857 | 7479 | 52 | 0.95 | | | 3.5 | 442 | 373 | 12 | 2.00 | | |
| 0.20 | 7768 | 6559 | 53 | 1.10 | | | 4.0 | 387 | 327 | 12 | 2.25 | | |
| 0.22 | 6909 | 5834 | 54 | 1.20 | | | 4.5 | 342 | 289 | 12 | 2.55 | | |
| 0.26 | 6059 | 5116 | 55 | 1.40 | | | 2.3 | 676 | 571 | 6.9 | 0.95 | ZY69R39 ZYRF69R39 | 4P |
| 0.29 | 5287 | 4464 | 56 | 1.60 | | | 2.7 | 576 | 486 | 7.9 | 1.10 | | |
| 0.33 | 4652 | 3928 | 57 | 1.80 | ZYR139R79 ZYRF139R79 | 4P | 2.3 | 680 | 574 | 6.8 | 0.95 | ZYR69R39 ZYRF69R39 | 4P |
| 0.28 | 5577 | 4709 | 55 | 1.50 | | | 2.6 | 586 | 495 | 7.8 | 1.10 | | |
| 0.33 | 4758 | 4018 | 56 | 1.75 | | | 3.0 | 519 | 438 | 8.4 | 1.25 | | |
| 0.37 | 4162 | 3514 | 57 | 2.00 | | | 3.4 | 459 | 388 | 8.8 | 1.40 | | |
| 0.39 | 3953 | 3338 | 57 | 2.10 | ZYR109R79 ZYRF109R79 | 4P | 3.8 | 407 | 344 | 9.0 | 1.55 | | |
| 0.45 | 3469 | 2929 | 57 | 2.40 | | | 4.5 | 348 | 294 | 9.3 | 1.85 | | |
| 0.30 | 5252 | 4435 | 27 | 0.85 | | | 5.0 | 309 | 261 | 9.5 | 2.05 | | |
| 0.34 | 4614 | 3896 | 30 | 1.00 | | | 2.9 | 538 | 454 | 6.6 | 0.90 | ZYR59R39 ZYRF59R39 | 4P |
| 0.43 | 3599 | 3039 | 33 | 1.25 | ZYR109R79 ZYRF109R79 | 4P | 3.2 | 486 | 410 | 6.8 | 1.00 | | |
| 0.33 | 4640 | 3918 | 28 | 1.00 | | | 2.8 | 558 | 471 | 5.7 | 0.85 | ZYR59R39 ZYRF59R39 | 4P |
| 0.39 | 3959 | 3343 | 31 | 1.15 | | | 3.7 | 423 | 357 | 7.0 | 1.15 | | |
| 0.43 | 3593 | 3034 | 32 | 1.25 | | | 4.1 | 378 | 319 | 7.1 | 1.25 | | |
| 0.49 | 3142 | 2653 | 33 | 1.45 | | | 4.8 | 323 | 273 | 7.3 | 1.45 | | |
| 0.57 | 2700 | 2280 | 34 | 1.70 | | | 5.4 | 285 | 241 | 7.4 | 1.65 | | |
| 0.63 | 2448 | 2067 | 35 | 1.85 | ZYR109R79 ZYRF109R79 | 4P | 6.1 | 255 | 215 | 7.4 | 1.85 | | |
| 0.66 | 2353 | 1987 | 35 | 1.95 | | | 3.6 | 425 | 359 | 6.9 | 1.10 | ZYR59R39 ZYRF59R39 | 4P |
| 0.72 | 2164 | 1827 | 35 | 2.10 | | | 4.0 | 384 | 324 | 7.1 | 1.25 | | |
| 0.82 | 1894 | 1599 | 35 | 2.40 | | | 4.5 | 343 | 290 | 7.2 | 1.40 | | |
| 0.94 | 1658 | 1400 | 35 | 2.75 | | | 5.0 | 310 | 262 | 7.3 | 1.55 | | |
| 1.1 | 1452 | 1226 | 36 | 3.15 | | | 5.3 | 291 | 246 | 7.3 | 1.65 | | |
| 0.49 | 3160 | 2668 | 20 | 1.00 | ZYR99R59 ZYRF99R59 | 4P | 6.0 | 261 | 220 | 7.4 | 1.85 | | |
| 0.58 | 2659 | 2245 | 23 | 1.20 | | | 7.0 | 223 | 188 | 7.4 | 2.15 | | |
| 0.65 | 2387 | 2016 | 24 | 1.35 | | | 8.2 | 188 | 159 | 7.5 | 2.55 | | |
| 0.76 | 2052 | 1733 | 25 | 1.55 | | | 4.4 | 356 | 301 | 4.5 | 0.90 | ZYR49R39 ZYRF49R39 | 4P |
| 0.81 | 1922 | 1623 | 26 | 1.65 | | | 5.1 | 302 | 255 | 5.2 | 1.05 | | |
| 0.91 | 1698 | 1434 | 26 | 1.85 | | | 5.7 | 270 | 228 | 5.4 | 1.20 | | |
| 1.1 | 1429 | 1207 | 27 | 2.20 | | | 6.7 | 231 | 195 | 5.5 | 1.40 | | |
| 1.2 | 1284 | 1084 | 27 | 2.45 | | | 6.6 | 236 | 199 | 4.4 | 0.90 | ZYR39R19 ZYRF39R19 | 4P |
| 1.4 | 1106 | 934 | 27 | 2.85 | | | 7.6 | 204 | 172 | 4.8 | 1.05 | | |
| 1.5 | 1040 | 878 | 27 | 3.05 | | | 8.7 | 178 | 150 | 5.1 | 1.20 | ZYR39R19 ZYRF39R19 | 4P |
| 1.7 | 894 | 755 | 27 | 3.55 | | | 5.8 | 268 | 226 | 2.0 | 0.80 | | |
| 0.48 | 3224 | 2722 | 19 | 1.00 | ZYR99R59 ZYRF99R59 | 4P | 6.5 | 239 | 202 | 4.3 | 0.90 | | |
| 0.57 | 2737 | 2311 | 23 | 1.15 | | | 7.3 | 212 | 179 | 4.7 | 1.00 | | |
| 0.63 | 2461 | 2078 | 24 | 1.30 | | | 8.4 | 185 | 156 | 5.0 | 1.15 | | |
| 0.75 | 2061 | 1740 | 10 | 0.80 | | | 9.3 | 167 | 141 | 3.9 | 0.85 | ZYR29R19 ZYRF29R19 | 4P |
| 0.88 | 1770 | 1495 | 15 | 0.95 | ZYR89R59 ZYRF89R59 | 4P | 11 | 147 | 124 | 4.0 | 0.95 | | |
| 0.94 | 1659 | 1401 | 16 | 1.00 | | | 12 | 130 | 110 | 4.1 | 1.05 | | |
| 1.1 | 1465 | 1237 | 17 | 1.10 | | | 14 | 111 | 94 | 4.1 | 1.25 | | |
| 1.1 | 1362 | 1150 | 18 | 1.20 | | | 9.7 | 160 | 135 | 3.9 | 0.85 | ZYR29R19 ZYRF29R19 | 4P |
| 1.3 | 1234 | 1042 | 18 | 1.35 | | | 11 | 140 | 118 | 4.0 | 1.00 | | |
| 1.4 | 1107 | 935 | 19 | 1.50 | | | 13 | 123 | 104 | 4.1 | 1.10 | | |
| 1.6 | 955 | 806 | 19 | 1.70 | | | 15 | 107 | 90 | 4.1 | 1.30 | | |
| 0.75 | 2065 | 1744 | 11 | 0.80 | ZYR89R59 ZYRF89R59 | 4P | | | | | | | |
| 0.86 | 1812 | 1530 | 13 | 0.90 | | | | | | | | | |
| 1.0 | 1549 | 1308 | 17 | 1.05 | | | | | | | | | |

选型参数表

(恒功率) 0.18kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|------------------|------------|
| 0.18kW | | | | | | |
| 4.4 | 375 | 195.24 | 12 | 2.10 | ZYR79 ZYRF79 | 6P |
| 5.1 | 320 | 166.59 | 12 | 2.50 | | |
| 5.8 | 280 | 145.67 | 12 | 2.80 | | |
| 6.1 | 266 | 138.39 | 12 | 3.00 | | |
| 7.0 | 233 | 121.42 | 12 | 3.40 | | |
| 6.7 | 243 | 195.24 | 12 | 3.20 | ZYR79 ZYRF79 | 4P |
| 7.9 | 208 | 166.59 | 12 | 3.80 | | |
| 9.0 | 182 | 145.67 | 12 | 4.30 | | |
| 9.5 | 173 | 138.39 | 12 | 4.60 | | |
| 4.3 | 384 | 199.81 | 8.9 | 1.50 | ZYR69 ZYRF69 | 6P |
| 4.6 | 354 | 184.07 | 9.1 | 1.65 | | |
| 5.4 | 304 | 158.14 | 9.3 | 1.90 | | |
| 6.2 | 264 | 137.67 | 10 | 2.20 | | |
| 6.6 | 248 | 128.97 | 10 | 2.30 | | |
| 7.5 | 219 | 113.94 | 10 | 2.70 | | |
| 8.0 | 203 | 105.83 | 10 | 2.90 | | |
| 8.9 | 184 | 95.91 | 10 | 3.20 | | |
| 9.9 | 165 | 86.11 | 10 | 3.50 | | |
| 11 | 142 | 74.17 | 10 | 4.10 | | |
| 12 | 134 | 69.75 | 10 | 4.30 | | |
| 6.6 | 249 | 199.81 | 10 | 2.30 | ZYR69 ZYRF69 | 4P |
| 7.1 | 229 | 184.07 | 10 | 2.50 | | |
| 8.3 | 197 | 158.14 | 10 | 2.90 | | |
| 9.5 | 172 | 137.67 | 10 | 3.30 | | |
| 10 | 161 | 128.97 | 10 | 3.60 | | |
| 11 | 142 | 113.94 | 10 | 4.00 | | |
| 12 | 132 | 105.83 | 10 | 4.30 | | |
| 4.5 | 359 | 186.89 | 7.0 | 1.20 | ZYR59 ZYRF59 | 6P |
| 4.9 | 331 | 172.17 | 7.1 | 1.30 | | |
| 5.7 | 284 | 147.92 | 7.3 | 1.55 | | |
| 6.6 | 247 | 128.77 | 7.4 | 1.75 | | |
| 7.0 | 232 | 120.63 | 7.4 | 1.90 | ZYR59 ZYRF59 | 4P |
| 7.0 | 233 | 186.89 | 7.4 | 1.85 | | |
| 7.6 | 215 | 172.17 | 7.4 | 2.00 | | |
| 8.9 | 184 | 147.92 | 7.5 | 2.30 | | |
| 10 | 161 | 128.77 | 7.5 | 2.70 | | |
| 11 | 150 | 120.63 | 7.5 | 2.90 | | |
| 12 | 133 | 106.58 | 7.5 | 3.20 | | |
| 13 | 123 | 98.99 | 7.6 | 3.50 | | |
| 15 | 112 | 89.71 | 7.6 | 3.80 | ZYR49 ZYRF49 | 4P |
| 7.4 | 220 | 176.88 | 5.5 | 1.30 | | |
| 8.0 | 203 | 162.94 | 5.5 | 1.40 | | |
| 9.4 | 175 | 139.99 | 5.6 | 1.65 | | |
| 11 | 152 | 121.87 | 5.7 | 1.90 | | |
| 11 | 142 | 114.17 | 5.7 | 2.00 | | |
| 13 | 126 | 100.86 | 5.7 | 2.30 | | |
| 14 | 117 | 93.68 | 5.8 | 2.50 | | |
| 15 | 106 | 84.90 | 5.8 | 2.70 | ZYR39 ZYRF39 | 6P |
| 17 | 95 | 76.23 | 5.8 | 3.00 | | |
| 6.9 | 238 | 123.66 | 2.9 | 0.80 | | |
| 8.1 | 202 | 105.28 | 4.6 | 0.95 | | |
| 9.4 | 174 | 90.77 | 4.9 | 1.10 | ZYR39 ZYRF39 | 4P |
| 10 | 163 | 84.61 | 5.0 | 1.20 | | |
| 10 | 163 | 134.82 | 5.0 | 1.15 | | |
| 11 | 149 | 123.66 | 5.1 | 1.25 | | |
| 12 | 127 | 105.28 | 5.3 | 1.45 | | |
| 14 | 110 | 90.77 | 5.4 | 1.70 | | |
| 15 | 102 | 84.61 | 5.5 | 1.80 | | |
| 18 | 89 | 73.96 | 5.5 | 2.10 | | |
| 19 | 84 | 69.33 | 5.6 | 2.20 | | |
| 21 | 74 | 61.18 | 5.6 | 2.50 | | |
| 23 | 67 | 55.76 | 5.6 | 2.80 | | |
| 27 | 58 | 48.08 | 5.7 | 3.20 | | |

Selection Table

(Constant Power) 0.18kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|------------------|------------|
| 0.18kW | | | | | | |
| 11 | 150 | 123.91 | 3.9 | 0.80 | ZYR29 ZYRF29 | 4P |
| 12 | 127 | 105.49 | 4.0 | 0.95 | | |
| 14 | 110 | 90.96 | 4.1 | 1.10 | | |
| 15 | 102 | 84.78 | 4.1 | 1.20 | | |
| 18 | 89 | 74.11 | 4.2 | 1.35 | | |
| 19 | 84 | 69.47 | 4.2 | 1.45 | | |
| 21 | 74 | 61.3 | 4.1 | 1.65 | | |
| 23 | 67 | 55.87 | 4.0 | 1.80 | | |
| 27 | 58 | 48.17 | 3.8 | 2.10 | | |
| 29 | 54 | 44.9 | 3.8 | 2.20 | | |
| 33 | 47 | 39.25 | 3.6 | 2.50 | | |
| 36 | 44 | 36.79 | 3.6 | 2.70 | | |
| 40 | 39 | 32.47 | 3.4 | 3.10 | | |
| 46 | 35 | 28.78 | 3.3 | 3.50 | | |
| 54 | 30 | 24.47 | 3.1 | 4.10 | | |
| 46 | 34 | 28.37 | 3.3 | 3.50 | ZYR29 ZYRF29 | 4P |
| 68 | 23 | 26.09 | 3.2 | 3.80 | | |
| 59 | 27 | 22.32 | 3.1 | 4.50 | | |
| 68 | 23 | 19.35 | 2.9 | 5.20 | | |
| 72 | 22 | 18.08 | 2.9 | 5.50 | | |
| 84 | 19 | 15.63 | 2.7 | 6.40 | | |
| 99 | 16 | 13.28 | 2.6 | 7.50 | ZYR19 ZYRF19 | 4P |
| 16 | 99 | 81.64 | 0.04 | 0.80 | | |
| 19 | 85 | 70.39 | 1.3 | 0.95 | | |
| 20 | 79 | 65.61 | 1.7 | 1.00 | | |
| 23 | 69 | 57.35 | 2.2 | 1.15 | | |
| 30 | 53 | 53.76 | 2.4 | 1.20 | | |
| 28 | 57 | 47.44 | 2.3 | 1.40 | | |
| 30 | 53 | 44.18 | 2.3 | 1.50 | | |
| 34 | 47 | 38.61 | 2.2 | 1.70 | | |
| 36 | 44 | 36.2 | 2.2 | 1.80 | | |
| 41 | 39 | 31.94 | 2.1 | 2.00 | ZYR19 ZYRF19 | 6P |
| 46 | 34 | 28.32 | 2.1 | 2.30 | | |
| 54 | 29 | 24.07 | 2.0 | 2.70 | | |
| 34 | 47 | 25.23 | 2.2 | 1.70 | | |
| 37 | 43 | 23.15 | 2.2 | 1.85 | | |
| 43 | 37 | 19.71 | 2.1 | 2.20 | ZYR19 ZYRF19 | 4P |
| 52 | 30 | 25.23 | 2.0 | 2.60 | | |
| 57 | 28 | 23.15 | 2.0 | 2.80 | | |
| 66 | 24 | 19.71 | 1.9 | 3.30 | | |
| 77 | 21 | 16.99 | 1.8 | 3.80 | | |
| 83 | 19 | 15.84 | 1.8 | 4.10 | | |
| 95 | 17 | 13.84 | 1.7 | 4.70 | | |
| 101 | 16 | 12.98 | 1.7 | 5.00 | | |
| 114 | 14 | 11.45 | 1.6 | 5.40 | | |
| 129 | 12 | 10.15 | 1.6 | 5.80 | | |
| 186 | 8 | 8.63 | 1.5 | 6.40 | ZYR19 ZYRF19 | 2P |
| 174 | 9.1 | 7.55 | 1.4 | 5.70 | | |
| 186 | 8.5 | 7.04 | 1.4 | 6.00 | | |
| 213 | 7.4 | 6.15 | 1.3 | 6.80 | | |
| 227 | 7.0 | 5.76 | 1.3 | 7.10 | | |
| 257 | 6.1 | 5.09 | 1.3 | 7.70 | | |
| 290 | 5.4 | 4.51 | 1.2 | 8.10 | | |
| 342 | 4.6 | 3.83 | 1.1 | 9.00 | | |
| 268 | 5.9 | 10.15 | 1.2 | 12 | | |
| 315 | 5.0 | 8.63 | 1.2 | 13 | | |
| 360 | 4.4 | 7.55 | 1.1 | 12 | ZYR19 ZYRF19 | 2P |
| 386 | 4.1 | 7.04 | 1.1 | 13 | | |
| 442 | 3.6 | 6.15 | 1.1 | 14 | | |
| 472 | 3.3 | 5.76 | 1.0 | 15 | | |
| 534 | 3.0 | 5.09 | 1.0 | 16 | | |
| 603 | 2.6 | 4.51 | 1.0 | 17 | | |
| 710 | 2.2 | 3.83 | 0.9 | 19 | | |

选型参数表

(恒功率) 0.18kW-0.25kW

Selection Table

(Constant Power) 0.18kW-0.25kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|------|-------------------------|----------------|-------------------------|------------|
| 0.18kW | | | | | | |
| 140 | 12 | 6.07 | 4.7 | 3.60 | ZYRX69 ZYRXF69 | 6P |
| 164 | 10 | 5.18 | 4.5 | 7.30 | | |
| 188 | 8.9 | 4.53 | 4.3 | 9.20 | | |
| 198 | 8.5 | 4.30 | 4.2 | 9.40 | | |
| 216 | 7.5 | 6.07 | 4.1 | 5.40 | ZYRX69 ZYRXF69 | 4P |
| 253 | 6.4 | 5.18 | 3.9 | 11 | | |
| 289 | 5.6 | 4.53 | 3.7 | 14 | | |
| 305 | 5.3 | 4.30 | 3.7 | 14 | | |
| 347 | 4.7 | 3.77 | 3.5 | 18 | | |
| 409 | 4.0 | 3.20 | 3.3 | 24 | | |
| 453 | 3.6 | 2.89 | 3.2 | 28 | | |
| 516 | 3.1 | 2.54 | 3.1 | 36 | | |
| 546 | 3.0 | 2.40 | 3.0 | 40 | ZYRX59 ZYRXF59 | 6P |
| 642 | 2.5 | 2.04 | 2.9 | 50 | | |
| 155 | 11 | 5.50 | 3.7 | 3.60 | | |
| 168 | 10 | 5.07 | 3.6 | 3.60 | | |
| 195 | 8.6 | 4.35 | 3.4 | 7.90 | ZYRX59 ZYRXF59 | 4P |
| 224 | 7.5 | 3.79 | 3.3 | 9.20 | | |
| 238 | 6.8 | 5.50 | 3.2 | 5.40 | | |
| 258 | 6.3 | 5.07 | 3.1 | 5.40 | | |
| 301 | 5.4 | 4.35 | 3.0 | 12 | | |
| 346 | 4.7 | 3.79 | 2.9 | 14 | | |
| 369 | 4.4 | 3.55 | 2.8 | 15 | | |
| 417 | 3.9 | 3.14 | 2.7 | 16 | | |
| 450 | 3.6 | 2.91 | 2.6 | 18 | | |
| 496 | 3.3 | 2.64 | 2.5 | 20 | | |
| 553 | 2.9 | 2.37 | 2.5 | 22 | | |
| 642 | 2.5 | 2.04 | 2.3 | 26 | | |
| 682 | 2.4 | 1.92 | 2.3 | 28 | ZYR149R79 ZYRF149R79 | 4P |
| 794 | 2.0 | 1.65 | 2.2 | 31 | | |
| 0.14 | 15785 | 9743 | 48 | 0.85 | | |
| 0.16 | 13678 | 8443 | 60 | 1.00 | | |
| 0.18 | 11838 | 7307 | 63 | 1.15 | | |
| 0.21 | 10445 | 6447 | 65 | 1.30 | | |
| 0.24 | 9021 | 5568 | 66 | 1.55 | | |
| 0.27 | 7981 | 4926 | 67 | 1.70 | | |
| 0.31 | 7007 | 4325 | 68 | 1.95 | | |
| 0.35 | 6082 | 3754 | 69 | 2.25 | | |
| 0.40 | 5350 | 3302 | 69 | 2.60 | | |
| 0.46 | 4695 | 2898 | 70 | 2.90 | | |
| 0.23 | 9452 | 5834 | 48 | 0.90 | ZYR139R79 ZYRF139R79 | 4P |
| 0.26 | 8288 | 5116 | 51 | 1.00 | | |
| 0.30 | 7232 | 4464 | 53 | 1.15 | | |
| 0.34 | 6364 | 3928 | 54 | 1.30 | | |
| 0.28 | 7629 | 4709 | 51 | 1.05 | ZYR139R79 ZYRF139R79 | 4P |
| 0.33 | 6510 | 4018 | 53 | 1.25 | | |
| 0.38 | 5693 | 3514 | 55 | 1.45 | | |
| 0.40 | 5408 | 3338 | 55 | 1.50 | | |
| 0.45 | 4745 | 2929 | 56 | 1.75 | ZYR139R79 ZYRF139R79 | 4P |
| 0.50 | 4306 | 2658 | 56 | 1.95 | | |
| 0.55 | 3908 | 2412 | 57 | 2.15 | | |
| 0.64 | 3358 | 2073 | 57 | 2.50 | | |
| 0.72 | 2979 | 1839 | 57 | 2.80 | ZYR109R79 ZYRF109R79 | 4P |
| 0.95 | 2263 | 1397 | 58 | 3.65 | | |
| 1.1 | 1986 | 1226 | 58 | 4.20 | | |
| 0.44 | 4923 | 3039 | 26 | 0.90 | | |
| 0.44 | 4915 | 3034 | 20 | 0.90 | ZYR109R79 ZYRF109R79 | 4P |
| 0.67 | 3219 | 1987 | 33 | 1.40 | | |
| 0.73 | 2960 | 1827 | 34 | 1.50 | | |
| 0.83 | 2591 | 1599 | 34 | 1.75 | | |

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|------|-------------------------|----------------|-------------------------|------------|
| 0.25kW | | | | | | |
| 0.95 | 2268 | 1400 | 35 | 2.00 | ZYR109R79 ZYRF109R79 | 4P |
| 1.1 | 1986 | 1226 | 35 | 2.25 | | |
| 1.4 | 1521 | 939 | 35 | 2.95 | | |
| 1.6 | 1332 | 822 | 36 | 3.40 | | |
| 0.66 | 3266 | 2016 | 12 | 0.95 | ZYR99R59 ZYRF99R59 | 4P |
| 0.77 | 2808 | 1733 | 21 | 1.10 | | |
| 0.82 | 2629 | 1623 | 22 | 1.20 | | |
| 0.73 | 2953 | 1823 | 21 | 1.05 | | |
| 0.84 | 2565 | 1583 | 23 | 1.20 | ZYR99R59 ZYRF99R59 | 4P |
| 0.95 | 2262 | 1396 | 24 | 1.40 | | |
| 1.1 | 1989 | 1228 | 25 | 1.60 | | |
| 1.2 | 1732 | 1069 | 26 | 1.80 | | |
| 1.4 | 1520 | 938 | 26 | 2.00 | | |
| 1.6 | 1335 | 824 | 27 | 2.35 | | |
| 1.8 | 1194 | 737 | 27 | 2.60 | | |
| 2.1 | 1024 | 632 | 27 | 3.05 | | |
| 1.2 | 1863 | 1150 | 13 | 0.85 | ZYR89R59 ZYRF89R59 | 4P |
| 1.3 | 1688 | 1042 | 15 | 0.95 | | |
| 1.4 | 1515 | 935 | 17 | 1.05 | | |
| 1.7 | 1306 | 806 | 18 | 1.25 | | |
| 1.2 | 1860 | 1148 | 15 | 0.85 | ZYR89R59 ZYRF89R59 | 4P |
| 1.5 | 1440 | 889 | 17 | 1.10 | | |
| 1.7 | 1264 | 780 | 18 | 1.30 | | |
| 1.9 | 1115 | 688 | 19 | 1.45 | | |
| 2.2 | 974 | 601 | 19 | 1.65 | | |
| 2.5 | 854 | 527 | 19 | 1.90 | | |
| 2.9 | 742 | 458 | 19 | 2.20 | | |
| 4.9 | 436 | 269 | 19 | 3.70 | | |
| 2.3 | 925 | 571 | 8.7 | 0.90 | ZYR79R39 ZYRF79R39 | 4P |
| 2.4 | 907 | 560 | 8.6 | 0.95 | | |
| 2.7 | 791 | 488 | 10 | 1.05 | ZYR79R39 ZYRF79R39 | 4P |
| 3.1 | 706 | 436 | 10 | 1.20 | | |
| 3.6 | 604 | 373 | 11 | 1.40 | | |
| 4.1 | 530 | 327 | 11 | 1.60 | | |
| 4.6 | 468 | 289 | 12 | 1.80 | | |
| 5.1 | 421 | 260 | 12 | 2.00 | | |
| 5.9 | 363 | 224 | 12 | 2.35 | ZYR69R39 ZYRF69R39 | 4P |
| 3.4 | 629 | 388 | 7.1 | 1.00 | | |
| 3.9 | 557 | 344 | 7.7 | 1.10 | | |
| 4.5 | 476 | 294 | 8.5 | 1.30 | | |
| 5.1 | 423 | 261 | 8.8 | 1.45 | | |
| 5.7 | 379 | 234 | 9.0 | 1.65 | | |
| 6.7 | 324 | 200 | 9.3 | 1.90 | | |
| 7.6 | 285 | 176 | 10 | 2.20 | | |
| 8.4 | 256 | 158 | 10 | 2.45 | ZYR69R39 ZYRF69R39 | 4P |
| 3.5 | 622 | 384 | 6.9 | 1.00 | | |
| 3.7 | 582 | 359 | 7.3 | 1.05 | | |
| 4.3 | 502 | 310 | 8.1 | 1.25 | | |
| 5.0 | 428 | 264 | 8.7 | 1.45 | | |
| 5.7 | 381 | 235 | 9.0 | 1.65 | | |
| 6.6 | 326 | 201 | 9.3 | 1.90 | | |
| 7.3 | 293 | 181 | 9.4 | 2.10 | | |
| 4.2 | 517 | 319 | 6.3 | 0.90 | ZYR59R39 ZYRF59R39 | 4P |
| 4.9 | 442 | 273 | 6.8 | 1.05 | | |
| 5.5 | 390 | 241 | 7.0 | 1.20 | | |
| 6.2 | 348 | 215 | 7.2 | 1.35 | | |
| 7.1 | 303 | 187 | 7.3 | 1.55 | | |
| 8.1 | 266 | 164 | 7.4 | 1.75 | | |
| 9.4 | 230 | 142 | 7.4 | 2.05 | ZYR59R39 ZYRF59R39 | 4P |
| 4.1 | 525 | 324 | 5.3 | 0.90 | | |
| 4.6 | 470 | 290 | 6.7 | 1.00 | | |
| 5.1 | 424 | 262 | 6.8 | 1.10 | | |

选型参数表

(恒功率) 0.25kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|-----------------------|------------|
| 0.25kW | | | | | | |
| 5.4 | 399 | 246 | 7.0 | 1.15 | ZYR59R39 | 4P |
| 6.0 | 356 | 220 | 7.1 | 1.30 | ZYRF59R39 | |
| 5.8 | 369 | 228 | 2.9 | 0.85 | ZYR49R39 ZYRF49R39 | 4P |
| 6.8 | 316 | 195 | 5.1 | 1.00 | | |
| 7.3 | 295 | 182 | 5.2 | 1.05 | ZYR39R19 ZYRF39R19 | 4P |
| 8.6 | 249 | 154 | 5.4 | 1.25 | | |
| 8.9 | 243 | 150 | 3.2 | 0.85 | ZYR39R19 ZYRF39R19 | 4P |
| 10 | 211 | 130 | 4.6 | 1.00 | | |
| 11 | 201 | 124 | 4.8 | 1.05 | ZYR39R19 ZYRF39R19 | 4P |
| 12 | 178 | 110 | 5.0 | 1.15 | | |
| 14 | 152 | 94 | 5.2 | 1.35 | ZYR39R19 ZYRF39R19 | 4P |
| 8.5 | 253 | 156 | 2.2 | 0.80 | | |
| 9.9 | 219 | 135 | 4.5 | 0.95 | ZYR39R19 ZYRF39R19 | 4P |
| 10.5 | 206 | 127 | 4.6 | 1.00 | | |
| 12.8 | 168 | 104 | 5.0 | 1.25 | ZYR99 ZYRF99 | 8P |
| 14.8 | 146 | 90 | 5.2 | 1.40 | | |
| 2.2 | 1027 | 289.74 | 27 | 3.00 | ZYR99 ZYRF99 | 8P |
| 2.5 | 906 | 255.71 | 27 | 3.30 | | |
| 2.7 | 855 | 241.25 | 27 | 3.50 | ZYR89 ZYRF89 | 8P |
| 3.0 | 766 | 216.28 | 27 | 4.00 | | |
| 2.6 | 878 | 247.61 | 19 | 1.80 | ZYR89 ZYRF89 | 8P |
| 2.9 | 771 | 217.48 | 19 | 2.00 | | |
| 3.1 | 732 | 206.6 | 19 | 2.20 | ZYR79 ZYRF79 | 8P |
| 3.5 | 647 | 182.55 | 19 | 2.40 | | |
| 3.8 | 590 | 166.59 | 11 | 1.40 | ZYR79 ZYRF79 | 8P |
| 4.4 | 516 | 145.67 | 11 | 1.60 | | |
| 4.6 | 490 | 138.39 | 11 | 1.70 | ZYR79 ZYRF79 | 6P |
| 5.3 | 430 | 121.42 | 12 | 1.90 | | |
| 4.4 | 521 | 195.24 | 11 | 1.55 | ZYR79 ZYRF79 | 6P |
| 5.1 | 445 | 166.59 | 12 | 1.80 | | |
| 5.8 | 389 | 145.67 | 12 | 2.10 | ZYR79 ZYRF79 | 4P |
| 6.8 | 333 | 195.24 | 12 | 2.30 | | |
| 8.0 | 284 | 166.59 | 12 | 2.70 | ZYR69 ZYRF69 | 8P |
| 9.1 | 248 | 145.67 | 12 | 3.10 | | |
| 9.6 | 236 | 138.39 | 12 | 3.20 | ZYR69 ZYRF69 | 6P |
| 11 | 207 | 121.42 | 12 | 3.70 | | |
| 4.0 | 560 | 158.14 | 7.7 | 1.10 | ZYR69 ZYRF69 | 8P |
| 4.6 | 488 | 137.67 | 8.3 | 1.25 | | |
| 5.0 | 457 | 128.97 | 8.5 | 1.35 | ZYR69 ZYRF69 | 6P |
| 5.6 | 404 | 113.94 | 8.9 | 1.50 | | |
| 4.3 | 533 | 199.81 | 7.8 | 1.10 | ZYR69 ZYRF69 | 6P |
| 4.6 | 491 | 184.07 | 8.2 | 1.20 | | |
| 5.4 | 422 | 158.14 | 8.7 | 1.40 | ZYR69 ZYRF69 | 4P |
| 6.2 | 367 | 137.67 | 9.0 | 1.60 | | |
| 6.6 | 344 | 128.97 | 9.1 | 1.70 | ZYR69 ZYRF69 | 4P |
| 7.5 | 304 | 113.94 | 9.3 | 1.95 | | |
| 8.0 | 282 | 105.83 | 9.4 | 2.10 | ZYR69 ZYRF69 | 4P |
| 6.7 | 341 | 199.81 | 9.1 | 1.65 | | |
| 7.2 | 314 | 184.07 | 9.2 | 1.80 | ZYR69 ZYRF69 | 4P |
| 8.4 | 270 | 158.14 | 9.4 | 2.10 | | |
| 9.7 | 235 | 137.67 | 10 | 2.40 | ZYR69 ZYRF69 | 4P |
| 10 | 220 | 128.97 | 10 | 2.50 | | |
| 12 | 194 | 113.94 | 10 | 2.90 | ZYR69 ZYRF69 | 4P |
| 13 | 180 | 105.83 | 10 | 3.10 | | |
| 14 | 164 | 95.91 | 10 | 3.40 | ZYR59 ZYRF59 | 6P |
| 15 | 147 | 86.11 | 10 | 3.80 | | |
| 4.5 | 499 | 186.89 | 6.1 | 0.90 | ZYR59 ZYRF59 | 6P |
| 4.9 | 459 | 172.17 | 6.7 | 0.95 | | |
| 5.7 | 395 | 147.92 | 6.9 | 1.10 | ZYR59 ZYRF59 | 6P |
| 6.6 | 344 | 128.77 | 7.1 | 1.30 | | |
| 7.0 | 322 | 120.63 | 7.2 | 1.35 | ZYR59 ZYRF59 | 6P |
| 8.0 | 284 | 106.58 | 7.3 | 1.55 | | |
| 8.6 | 264 | 98.99 | 7.3 | 1.70 | ZYR59 ZYRF59 | 6P |
| | | | | | | |

Selection Table

(Constant Power) 0.25kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|------------------|------------|
| 0.25kW | | | | | | |
| 7.1 | 319 | 186.89 | 7.1 | 1.30 | ZYR59 ZYRF59 | 4P |
| 7.7 | 294 | 172.17 | 7.2 | 1.40 | | |
| 9.0 | 252 | 147.92 | 7.3 | 1.65 | ZYR59 ZYRF59 | 4P |
| 10 | 220 | 128.77 | 7.4 | 1.90 | | |
| 11 | 206 | 120.63 | 7.4 | 2.00 | ZYR59 ZYRF59 | 4P |
| 12 | 182 | 106.58 | 7.5 | 2.30 | | |
| 13 | 169 | 98.99 | 7.5 | 2.50 | ZYR59 ZYRF59 | 4P |
| 15 | 153 | 89.71 | 7.5 | 2.70 | | |
| 17 | 137 | 80.55 | 7.5 | 3.00 | ZYR59 ZYRF59 | 4P |
| 19 | 118 | 69.23 | 7.6 | 3.50 | | |
| 7.5 | 302 | 176.88 | 5.0 | 0.90 | ZYR49 ZYRF49 | 4P |
| 8.2 | 278 | 162.94 | 5.1 | 1.00 | | |
| 9.5 | 239 | 139.99 | 5.3 | 1.15 | ZYR49 ZYRF49 | 4P |
| 11 | 208 | 121.87 | 5.5 | 1.35 | | |
| 12 | 195 | 114.17 | 5.5 | 1.45 | ZYR49 ZYRF49 | 4P |
| 13 | 172 | 100.86 | 5.6 | 1.60 | | |
| 14 | 160 | 93.68 | 5.6 | 1.75 | ZYR49 ZYRF49 | 4P |
| 16 | 145 | 84.90 | 5.7 | 1.90 | | |
| 17 | 130 | 76.23 | 5.7 | 2.10 | ZYR49 ZYRF49 | 4P |
| 19 | 117 | 68.54 | 5.7 | 2.40 | | |
| 21 | 110 | 64.21 | 5.8 | 2.50 | ZYR49 ZYRF49 | 4P |
| 23 | 97 | 56.73 | 5.8 | 2.90 | | |
| 25 | 90 | 52.69 | 5.8 | 3.10 | ZYR49 ZYRF49 | 4P |
| 28 | 81 | 47.75 | 5.8 | 3.40 | | |
| 9.9 | 230 | 134.82 | 2.5 | 0.80 | ZYR39 ZYRF39 | 4P |
| 11 | 211 | 123.66 | 4.3 | 0.90 | | |
| 13 | 180 | 105.28 | 4.8 | 1.05 | ZYR39 ZYRF39 | 4P |
| 15 | 155 | 90.77 | 5.1 | 1.20 | | |
| 16 | 144 | 84.61 | 5.1 | 1.30 | ZYR39 ZYRF39 | 4P |
| 18 | 126 | 73.96 | 5.3 | 1.45 | | |
| 19 | 118 | 69.33 | 5.4 | 1.55 | ZYR39 ZYRF39 | 4P |
| 22 | 104 | 61.18 | 5.5 | 1.80 | | |
| 24 | 95 | 55.76 | 5.5 | 1.95 | ZYR39 ZYRF39 | 4P |
| 28 | 82 | 48.08 | 5.6 | 2.30 | | |
| 30 | 76 | 44.81 | 5.5 | 2.40 | ZYR39 ZYRF39 | 4P |
| 34 | 67 | 39.17 | 5.3 | 2.80 | | |
| 36 | 63 | 36.72 | 5.2 | 3.00 | ZYR39 ZYRF39 | 4P |
| 41 | 55 | 32.40 | 5.0 | 3.40 | | |
| 16 | 145 | 84.78 | 3.9 | 0.85 | ZYR29 ZYRF29 | 4P |
| 18 | 126 | 74.11 | 4.0 | 0.95 | | |
| 19 | 118 | 69.47 | 4.0 | 1.00 | ZYR29 ZYRF29 | 4P |
| 22 | 105 | 61.30 | 4.0 | 1.15 | | |
| 24 | 95 | 55.87 | 3.9 | 1.25 | ZYR29 ZYRF29 | 4P |
| 28 | 82 | 48.17 | 3.7 | 1.45 | | |
| 30 | 77 | 44.90 | 3.7 | 1.60 | ZYR29 ZYRF29 | 4P |
| 34 | 67 | 39.25 | 3.5 | 1.80 | | |
| 36 | 63 | 36.79 | 3.5 | 1.90 | ZYR29 ZYRF29 | 4P |
| 41 | 55 | 32.47 | 3.4 | 2.20 | | |
| 46 | 49 | 28.78 | 3.2 | 2.50 | ZYR29 ZYRF29 | 4P |
| 54 | 42 | 24.47 | 3.1 | 2.90 | | |
| 47 | 48 | 28.37 | 3.2 | 2.50 | ZYR29 ZYRF29 | 4P |
| 51 | 44 | 26.09 | 3.2 | 2.70 | | |
| 60 | 38 | 22.32 | 3.0 | 3.20 | ZYR29 ZYRF29 | 4P |
| 69 | 33 | 19.35 | 2.9 | 3.70 | | |
| 74 | 31 | 18.08 | 2.8 | 3.90 | ZYR29 ZYRF29 | 4P |
| 85 | 27 | 15.63 | 2.7 | 4.50 | | |
| 100 | 23 | 13.28 | 2.6 | 5.30 | ZYR29 ZYRF29 | 4P |
| 112 | 20 | 11.86 | 2.5 | 5.90 | | |
| 131 | 17 | 10.13 | 2.4 | 6.60 | ZYR29 ZYRF29 | 4P |
| 141 | 16 | 9.41 | 2.3 | 7.10 | | |
| 163 | 14 | 8.16 | 2.2 | 7.70 | ZYR29 ZYRF29 | 4P |
| 174 | 13 | 7.63 | 2.2 | 8.00 | | |
| 202 | 11 | 6.59 | 2.1 | 8.80 | ZYR29 ZYRF29 | 4P |
| 238 | 9.6 | 5.60 | 2.0 | 9.60 | | |
| 266 | 8.5 | 5.00 | 1.9 | 10 | ZYR29 ZYRF29 | 4P |
| | | | | | | |

选型参数表

(恒功率) 0.25kW-0.37kW

Selection Table

(Constant Power) 0.25kW-0.37kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|-------------------|------------|---------------------------|------------------------|------|-------------------------|----------------|-------------------------|------------|
| 0.25kW | | | | | | | 0.37kW | | | | | | |
| 311 | 7.3 | 4.27 | 1.8 | 11 | ZYR29 | 4P | 0.18 | 17520 | 7307 | 37 | 0.80 | ZYR149R79 ZYRF149R79 | 4P |
| 333 | 6.8 | 4.00 | 1.8 | 12 | ZYRF29 | | 0.21 | 15458 | 6447 | 58 | 0.90 | | |
| 395 | 5.7 | 3.37 | 1.7 | 13 | | | 0.24 | 13351 | 5568 | 61 | 1.05 | | |
| | | | | | | | 0.27 | 11811 | 4926 | 63 | 1.15 | | |
| 23 | 98 | 57.35 | 0.1 | 0.80 | ZYR19 ZYRF19 | 4P | 0.31 | 10370 | 4325 | 65 | 1.30 | | |
| 25 | 92 | 53.76 | 0.7 | 0.85 | | | 0.35 | 9001 | 3754 | 67 | 1.55 | | |
| 28 | 81 | 47.44 | 1.5 | 1.00 | | | 0.40 | 7917 | 3302 | 68 | 1.75 | | |
| 30 | 75 | 44.18 | 1.9 | 1.05 | | | 0.46 | 6949 | 2898 | 68 | 1.95 | | |
| 34 | 66 | 38.61 | 2.1 | 1.20 | | | 0.30 | 10703 | 4464 | 39 | 0.80 | ZYR139R79 | 4P |
| 37 | 62 | 36.20 | 2.1 | 1.30 | | | 0.34 | 9418 | 3928 | 49 | 0.90 | ZYRF139R79 | |
| 42 | 54 | 31.94 | 2.0 | 1.45 | | | 0.33 | 9634 | 4018 | 46 | 0.85 | ZYR139R79 ZYRF139R79 | 4P |
| 47 | 48 | 28.32 | 2.0 | 1.65 | | | 0.38 | 8426 | 3514 | 51 | 1.00 | | |
| 55 | 41 | 24.07 | 1.9 | 1.90 | | | 0.40 | 8004 | 3338 | 52 | 1.05 | | |
| 53 | 42 | 25.23 | 1.9 | 1.85 | ZYR19 ZYRF19 | 4P | 0.45 | 7023 | 2929 | 53 | 1.20 | | |
| 57 | 38 | 23.15 | 1.9 | 2.00 | | | 0.54 | 5956 | 2484 | 55 | 1.40 | | |
| 67 | 33 | 19.71 | 1.8 | 2.30 | | | 0.59 | 5376 | 2242 | 55 | 1.55 | ZYR139R79 ZYRF139R79 | 4P |
| 78 | 28 | 16.99 | 1.7 | 2.70 | | | 0.50 | 6373 | 2658 | 54 | 1.30 | | |
| 84 | 26 | 15.84 | 1.7 | 2.90 | | | 0.55 | 5783 | 2412 | 55 | 1.45 | | |
| 96 | 23 | 13.84 | 1.7 | 3.30 | | | 0.64 | 4970 | 2073 | 56 | 1.70 | | |
| 102 | 21 | 12.98 | 1.6 | 3.60 | | | 0.72 | 4409 | 1839 | 57 | 1.90 | ZYR139R79 ZYRF139R79 | 4P |
| 116 | 19 | 11.45 | 1.6 | 3.90 | | | 0.95 | 3350 | 1397 | 57 | 2.50 | | |
| 131 | 17 | 10.15 | 1.5 | 4.10 | | | 1.1 | 2940 | 1226 | 58 | 2.85 | | |
| 154 | 14 | 8.63 | 1.5 | 4.60 | | | 1.2 | 2614 | 1090 | 58 | 3.20 | ZYR109R79 ZYRF109R79 | 4P |
| 176 | 12 | 7.55 | 1.4 | 4.00 | | | 1.4 | 2280 | 951 | 58 | 3.65 | | |
| 189 | 12 | 7.04 | 1.3 | 4.30 | | | 0.64 | 4956 | 2067 | 26 | 0.90 | | |
| 216 | 10 | 6.15 | 1.3 | 4.80 | | | 0.79 | 4059 | 1693 | 30 | 1.10 | ZYR109R79 ZYRF109R79 | 4P |
| 231 | 9.5 | 5.76 | 1.3 | 5.00 | ZYR19 ZYRF19 | 2P | 0.86 | 3716 | 1550 | 32 | 1.20 | | |
| 261 | 8.4 | 5.09 | 1.2 | 5.50 | | | 0.95 | 3374 | 1407 | 33 | 1.35 | | |
| 295 | 7.4 | 4.51 | 1.2 | 5.80 | | | 1.1 | 2899 | 1209 | 34 | 1.55 | | |
| 347 | 6.3 | 3.83 | 1.1 | 6.40 | | | 1.3 | 2530 | 1055 | 35 | 1.75 | ZYR109R79 ZYRF109R79 | 4P |
| 442 | 5.0 | 6.15 | 1.1 | 9.80 | ZYR19 ZYRF19 | 2P | 0.67 | 4764 | 1987 | 28 | 0.95 | | |
| 472 | 4.7 | 5.76 | 1.0 | 10.00 | | | 0.73 | 4381 | 1827 | 30 | 1.00 | | |
| 534 | 4.1 | 5.09 | 1.0 | 11.00 | | | 0.83 | 3834 | 1599 | 32 | 1.15 | ZYR109R79 ZYRF109R79 | 4P |
| 603 | 3.6 | 4.51 | 1.0 | 12.00 | | | 0.95 | 3357 | 1400 | 33 | 1.35 | | |
| 710 | 3.1 | 3.83 | 0.9 | 13.00 | ZYRX69 ZYRXF69 | 6P | 1.1 | 2940 | 1226 | 34 | 1.50 | | |
| 140 | 17 | 6.07 | 4.6 | 2.60 | | | 1.4 | 2251 | 939 | 35 | 2.00 | ZYR99R59 ZYRF99R59 | 4P |
| 164 | 14 | 5.18 | 4.4 | 5.40 | | | 1.6 | 1971 | 822 | 35 | 2.25 | | |
| 188 | 12 | 4.53 | 4.2 | 6.70 | | | 0.93 | 3438 | 1434 | 4.2 | 0.90 | | |
| 198 | 12 | 4.30 | 4.2 | 6.80 | ZYRX69 ZYRXF69 | 4P | 1.1 | 2894 | 1207 | 22 | 1.10 | ZYR99R59 ZYRF99R59 | 4P |
| 219 | 11 | 6.07 | 4.1 | 3.90 | | | 1.2 | 2599 | 1084 | 23 | 1.20 | | |
| 257 | 9.1 | 5.18 | 3.9 | 7.90 | | | 0.95 | 3347 | 1396 | 15 | 0.95 | | |
| 294 | 7.9 | 4.53 | 3.7 | 9.90 | | | 1.1 | 2944 | 1228 | 22 | 1.05 | | |
| 309 | 7.5 | 4.30 | 3.7 | 10.00 | | | 1.2 | 2563 | 1069 | 23 | 1.20 | | |
| 353 | 6.6 | 3.77 | 3.5 | 13.00 | | | 1.4 | 2249 | 938 | 25 | 1.40 | | |
| 416 | 5.6 | 3.20 | 3.3 | 17.00 | | | 1.6 | 1976 | 824 | 26 | 1.60 | ZYR99R59 ZYRF99R59 | 4P |
| 460 | 5.1 | 2.89 | 3.2 | 20.00 | | | 1.8 | 1767 | 737 | 26 | 1.75 | | |
| 524 | 4.4 | 2.54 | 3.1 | 25.00 | ZYRX59 ZYRXF59 | 6P | 2.1 | 1515 | 632 | 26 | 2.00 | | |
| 554 | 4.2 | 2.40 | 3.0 | 28.00 | | | 3.1 | 1033 | 431 | 27 | 3.00 | | |
| 652 | 3.6 | 2.04 | 2.9 | 35.00 | | | 3.5 | 909 | 379 | 27 | 3.45 | ZYR89R59 ZYRF89R59 | 4P |
| 155 | 15 | 5.50 | 3.6 | 2.60 | | | 4.0 | 806 | 336 | 27 | 3.90 | | |
| 168 | 14 | 5.07 | 3.6 | 2.60 | ZYRX59 ZYRXF59 | 6P | 1.7 | 1933 | 806 | 14 | 0.85 | | |
| 195 | 12 | 4.35 | 3.4 | 5.80 | | | 1.8 | 1817 | 758 | 15 | 0.90 | ZYR89R59 ZYRF89R59 | 4P |
| 224 | 10 | 3.79 | 3.2 | 6.70 | | | 2.0 | 1563 | 652 | 17 | 1.05 | | |
| 242 | 9.6 | 5.50 | 3.2 | 3.90 | | | 1.7 | 1870 | 780 | 15 | 0.85 | | |
| 262 | 8.9 | 5.07 | 3.1 | 3.90 | ZYRX59 ZYRXF59 | 4P | 1.9 | 1650 | 688 | 16 | 1.00 | ZYR89R59 ZYRF89R59 | 4P |
| 306 | 7.6 | 4.35 | 3.0 | 8.50 | | | 2.2 | 1441 | 601 | 17 | 1.10 | | |
| 351 | 6.6 | 3.79 | 2.9 | 9.90 | | | 2.5 | 1264 | 527 | 18 | 1.30 | | |
| 375 | 6.2 | 3.55 | 2.8 | 11.00 | | | 2.9 | 1098 | 458 | 19 | 1.45 | | |
| 424 | 5.5 | 3.14 | 2.7 | 11.00 | | | 4.9 | 645 | 269 | 19 | 2.50 | | |
| 457 | 5.1 | 2.91 | 2.6 | 13.00 | | | 5.6 | 568 | 237 | 19 | 2.85 | | |
| 504 | 4.6 | 2.64 | 2.5 | 14.00 | | | 2.5 | 1295 | 540 | 18 | 1.25 | ZYR89R59 ZYRF89R59 | 4P |
| 561 | 4.1 | 2.37 | 2.5 | 16.00 | | | 2.8 | 1137 | 474 | 19 | 1.45 | | |
| 652 | 3.6 | 2.04 | 2.3 | 19.00 | | | 3.3 | 964 | 402 | 19 | 1.70 | | |
| 693 | 3.4 | 1.92 | 2.3 | 20.00 | | | 3.7 | 870 | 363 | 19 | 1.85 | | |
| 806 | 2.9 | 1.65 | 2.2 | 23.00 | | | | | | | | | |

选型参数表

(恒功率) 0.37kW

Selection Table

(Constant Power) 0.37kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|-----------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|------------------|------------|
| 0.37kW | | | | | | | 0.37kW | | | | | | |
| 3.1 | 1045 | 436 | 5.1 | 0.80 | ZYR79R39 ZYRF79R39 | 4P | 7.1 | 472 | 186.89 | 6.6 | 0.95 | ZYR59 ZYRF59 | 4P |
| 3.6 | 894 | 373 | 9.2 | 0.95 | | | 7.7 | 435 | 172.17 | 6.8 | 1.00 | | |
| 4.1 | 784 | 327 | 10 | 1.10 | | | 9.0 | 373 | 147.92 | 7.0 | 1.20 | | |
| 4.6 | 693 | 289 | 11 | 1.25 | | | 10 | 325 | 128.77 | 7.2 | 1.35 | | |
| 5.1 | 623 | 260 | 11 | 1.40 | | | 11 | 304 | 120.63 | 7.2 | 1.45 | | |
| 5.9 | 537 | 224 | 11 | 1.60 | | | 12 | 269 | 106.58 | 7.3 | 1.65 | | |
| 6.8 | 472 | 197 | 12 | 1.80 | | | 13 | 250 | 98.99 | 7.4 | 1.80 | | |
| 7.9 | 405 | 169 | 12 | 2.10 | | | 15 | 226 | 89.71 | 7.4 | 1.95 | | |
| 8.9 | 357 | 149 | 12 | 2.40 | ZYR69R39 ZYRF69R39 | 4P | 17 | 203 | 80.55 | 7.4 | 2.20 | ZYR49 ZYRF49 | 4P |
| 4.5 | 705 | 294 | 5.9 | 0.90 | | | 19 | 175 | 69.23 | 7.5 | 2.50 | | |
| 5.1 | 626 | 261 | 7.3 | 1.00 | | | 21 | 164 | 64.85 | 7.5 | 2.70 | | |
| 5.7 | 561 | 234 | 7.9 | 1.10 | | | 23 | 145 | 57.29 | 7.4 | 3.10 | | |
| 6.7 | 480 | 200 | 8.6 | 1.30 | ZYR99 ZYRF99 | 8P | 25 | 134 | 53.22 | 7.2 | 3.30 | ZYR49 ZYRF49 | 4P |
| 2.6 | 1301 | 255.71 | 27 | 2.30 | | | 28 | 122 | 48.23 | 7.0 | 3.60 | | |
| 2.7 | 1227 | 241.25 | 27 | 2.40 | | | 9.5 | 353 | 139.99 | 3.3 | 0.85 | | |
| 3.1 | 1100 | 216.28 | 27 | 2.70 | | | 11 | 308 | 121.87 | 5.1 | 0.95 | | |
| 3.5 | 948 | 186.30 | 27 | 3.10 | ZYR99 ZYRF99 | 6P | 12 | 288 | 114.17 | 5.2 | 1.05 | ZYR49 ZYRF49 | 4P |
| 3.1 | 1093 | 289.74 | 27 | 2.70 | | | 13 | 255 | 100.86 | 5.3 | 1.15 | | |
| 3.5 | 964 | 255.71 | 27 | 3.00 | | | 14 | 236 | 93.68 | 5.4 | 1.25 | | |
| 3.7 | 910 | 241.25 | 27 | 3.25 | | | 16 | 214 | 84.90 | 5.5 | 1.40 | | |
| 4.1 | 816 | 216.28 | 27 | 3.65 | ZYR89 ZYRF89 | 8P | 17 | 192 | 76.23 | 5.6 | 1.55 | ZYR49 ZYRF49 | 4P |
| 3.0 | 1106 | 217.48 | 18 | 1.40 | | | 19 | 173 | 68.54 | 5.6 | 1.70 | | |
| 3.2 | 1051 | 206.60 | 19 | 1.50 | | | 21 | 162 | 64.21 | 5.7 | 1.80 | | |
| 3.6 | 929 | 182.55 | 19 | 1.70 | | | 23 | 143 | 56.73 | 5.7 | 2.10 | | |
| 3.6 | 934 | 247.61 | 19 | 1.65 | ZYR89 ZYRF89 | 6P | 25 | 133 | 52.69 | 5.7 | 2.20 | ZYR49 ZYRF49 | 4P |
| 4.1 | 820 | 217.48 | 19 | 1.85 | | | 28 | 121 | 47.75 | 5.5 | 2.50 | | |
| 4.3 | 779 | 206.60 | 19 | 1.95 | | | 31 | 108 | 42.87 | 5.4 | 2.70 | | |
| 4.9 | 689 | 182.55 | 19 | 2.25 | | | 36 | 93 | 36.93 | 5.1 | 3.20 | | |
| 5.7 | 588 | 156.01 | 19 | 2.60 | ZYR79 ZYRF79 | 8P | 38 | 88 | 34.73 | 5.0 | 3.40 | ZYR49 ZYRF49 | 4P |
| 6.2 | 539 | 143.03 | 19 | 2.85 | | | 39 | 85 | 33.79 | 5.0 | 2.80 | | |
| 4.5 | 741 | 145.67 | 10 | 1.10 | | | 43 | 79 | 31.12 | 4.9 | 2.80 | | |
| 4.8 | 704 | 138.39 | 10 | 1.15 | | | 50 | 67 | 26.74 | 4.7 | 4.40 | ZYR39 ZYRF39 | 4P |
| 5.4 | 618 | 121.42 | 11 | 1.35 | ZYR79 ZYRF79 | 6P | 57 | 59 | 23.28 | 4.5 | 5.00 | | |
| 5.3 | 628 | 166.59 | 11 | 1.30 | | | 61 | 55 | 21.81 | 4.4 | 5.40 | | |
| 6.1 | 549 | 145.67 | 11 | 1.50 | | | 15 | 229 | 90.77 | 4.0 | 0.85 | ZYR39 ZYRF39 | 4P |
| 6.4 | 522 | 138.39 | 11 | 1.55 | ZYR79 ZYRF79 | 4P | 16 | 214 | 84.61 | 4.5 | 0.90 | | |
| 6.8 | 493 | 195.24 | 11 | 1.70 | | | 18 | 187 | 73.96 | 4.8 | 1.05 | | |
| 8.0 | 420 | 166.59 | 12 | 2.00 | | | 19 | 175 | 69.33 | 4.9 | 1.15 | ZYR39 ZYRF39 | 4P |
| 9.1 | 368 | 145.67 | 12 | 2.20 | ZYR69 ZYRF69 | 6P | 22 | 154 | 61.18 | 5.1 | 1.30 | | |
| 9.6 | 349 | 138.39 | 12 | 2.30 | | | 24 | 141 | 55.76 | 5.3 | 1.40 | | |
| 11 | 306 | 121.42 | 12 | 2.60 | | | 28 | 121 | 48.08 | 5.3 | 1.60 | | |
| 13 | 260 | 102.99 | 12 | 3.10 | ZYR69 ZYRF69 | 4P | 30 | 113 | 44.81 | 5.2 | 1.75 | ZYR39 ZYRF39 | 4P |
| 14 | 235 | 92.97 | 12 | 3.50 | | | 34 | 99 | 39.17 | 5.0 | 2.00 | | |
| 5.6 | 596 | 158.14 | 6.9 | 0.95 | | | 36 | 93 | 36.72 | 4.9 | 2.10 | | |
| 6.5 | 519 | 137.67 | 7.8 | 1.10 | | | 41 | 82 | 32.40 | 4.8 | 2.40 | ZYR39 ZYRF39 | 4P |
| 6.9 | 486 | 128.97 | 8.1 | 1.20 | ZYR59 ZYRF59 | 6P | 46 | 73 | 28.73 | 4.6 | 2.70 | | |
| 7.8 | 430 | 113.94 | 8.6 | 1.35 | | | 54 | 62 | 24.42 | 4.4 | 3.20 | | |
| 6.7 | 483 | 199.81 | 8.1 | 1.15 | | | 47 | 71 | 28.32 | 4.6 | 2.80 | ZYR29 ZYRF29 | 4P |
| 7.2 | 445 | 184.07 | 8.4 | 1.25 | ZYR69 ZYRF69 | 4P | 51 | 66 | 26.03 | 4.5 | 2.80 | | |
| 8.4 | 382 | 158.14 | 8.8 | 1.50 | | | 60 | 56 | 22.27 | 4.3 | 3.50 | | |
| 9.7 | 347 | 137.67 | 9.1 | 1.70 | | | 69 | 49 | 19.31 | 4.1 | 4.10 | | |
| 10 | 326 | 128.97 | 9.3 | 1.80 | ZYR69 ZYRF69 | 4P | 74 | 46 | 18.05 | 4.0 | 4.30 | ZYR39 ZYRF39 | 4P |
| 12 | 288 | 113.94 | 9.4 | 2.10 | | | 85 | 39 | 15.60 | 3.8 | 5.00 | | |
| 13 | 267 | 105.83 | 10 | 2.20 | | | 100 | 33 | 13.25 | 3.7 | 5.60 | | |
| 14 | 242 | 95.91 | 10 | 2.40 | | | 112 | 30 | 11.83 | 3.5 | 6.00 | ZYR29 ZYRF29 | 4P |
| 15 | 217 | 86.11 | 10 | 2.70 | ZYR59 ZYRF59 | 6P | 22 | 155 | 61.30 | 3.7 | 0.85 | | |
| 18 | 187 | 74.17 | 10 | 3.20 | | | 24 | 141 | 55.87 | 3.6 | 0.90 | | |
| 19 | 176 | 69.75 | 10 | 3.40 | | | 28 | 122 | 48.17 | 3.5 | 1.05 | | |
| 22 | 155 | 61.26 | 13 | 3.80 | | | 30 | 113 | 44.90 | 3.4 | 1.15 | ZYR29 ZYRF29 | 4P |
| 23 | 144 | 56.89 | 10 | 4.10 | ZYR59 ZYRF59 | 6P | 34 | 99 | 39.25 | 3.3 | 1.30 | | |
| 6.9 | 486 | 128.77 | 6.2 | 0.90 | | | 36 | 93 | 36.79 | 3.3 | 1.40 | | |
| 7.4 | 455 | 120.63 | 6.7 | 0.95 | | | 41 | 82 | 32.47 | 3.2 | 1.55 | | |
| 8.4 | 402 | 106.58 | 6.9 | 1.10 | ZYR59 ZYRF59 | 6P | 46 | 73 | 28.78 | 3.1 | 1.75 | ZYR29 ZYRF29 | 4P |
| 9.0 | 373 | 98.99 | 7.0 | 1.15 | | | 54 | 62 | 24.47 | 3.0 | 2.10 | | |

选型参数表

(恒功率) 0.37kW-0.55kW

Selection Table

(Constant Power) 0.37kW-0.55kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|-------|-------------------------|----------------|-------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|-------------------------|------------|-------------------------|----|
| 0.37kW | | | | | | | 0.37kW | | | | | | | | |
| 47 | 72 | 28.37 | 3.1 | 1.80 | ZYR29 ZYRF29 | 4P | 375 | 9.2 | 3.55 | 2.7 | 7.60 | ZYRX59 ZYRXF59 | 4P | | |
| 51 | 66 | 26.09 | 3.0 | 1.95 | | | 424 | 8.1 | 3.14 | 2.6 | 8.10 | | | | |
| 60 | 56 | 22.32 | 2.9 | 2.30 | | | 457 | 7.5 | 2.91 | 2.6 | 8.90 | | | | |
| 69 | 49 | 19.35 | 2.8 | 2.60 | | | 504 | 6.8 | 2.64 | 2.5 | 10 | | | | |
| 74 | 46 | 18.08 | 2.7 | 2.80 | | | 561 | 6.1 | 2.37 | 2.4 | 11 | | | | |
| 85 | 39 | 15.63 | 2.6 | 3.20 | | | 652 | 5.3 | 2.04 | 2.3 | 13 | | | | |
| 100 | 34 | 13.28 | 2.5 | 3.80 | ZYR19 ZYRF19 | 4P | 693 | 5.0 | 1.92 | 2.2 | 14 | ZYR179R99 ZYRF179R99 | 4P | | |
| 34 | 97 | 38.61 | 0.7 | 0.85 | | | 806 | 4.3 | 1.65 | 2.1 | 16 | | | | |
| 37 | 91 | 36.20 | 1.2 | 0.90 | | | 0.55kW | | | | | | | | |
| 42 | 81 | 31.94 | 1.8 | 1.05 | | | 0.11 | 42568 | 12482 | 128 | 0.9 | | | ZYR169R99 ZYRF169R99 | 4P |
| 47 | 71 | 28.32 | 1.8 | 1.15 | | | 0.13 | 36402 | 10674 | 128 | 1.0 | | | | |
| 55 | 61 | 24.07 | 1.7 | 1.40 | | | 0.16 | 30175 | 8848 | 128 | 1.2 | | | | |
| 53 | 62 | 25.23 | 1.7 | 1.30 | ZYR19 ZYRF19 | 4P | 0.25 | 18873 | 5534 | 128 | 1.9 | ZYR149R79 ZYRF149R79 | 4P | | |
| 57 | 57 | 23.15 | 1.7 | 1.45 | | | 0.28 | 16758 | 4914 | 128 | 2.2 | | | | |
| 67 | 48 | 19.71 | 1.7 | 1.70 | | | 0.23 | 20725 | 6077 | 114 | 0.85 | | | | |
| 78 | 42 | 16.99 | 1.6 | 1.95 | | | 0.26 | 18440 | 5407 | 114 | 0.95 | ZYR149R79 ZYRF149R79 | 4P | | |
| 84 | 39 | 15.84 | 1.6 | 2.10 | | | 0.30 | 15858 | 4650 | 114 | 1.10 | | | | |
| 96 | 34 | 13.84 | 1.5 | 2.40 | | | 0.34 | 14081 | 4129 | 114 | 1.25 | | | | |
| 102 | 32 | 12.98 | 1.5 | 2.60 | | | 0.28 | 16250 | 4926 | 25 | 0.80 | ZYR149R79 ZYRF149R79 | 4P | | |
| 116 | 28 | 11.45 | 1.5 | 2.80 | | | 0.32 | 14750 | 4325 | 53 | 0.85 | | | | |
| 131 | 25 | 10.15 | 1.4 | 3.00 | | | 0.37 | 12802 | 3754 | 60 | 1.05 | | | | |
| 154 | 21 | 8.63 | 1.4 | 3.30 | | | 0.42 | 11261 | 3302 | 63 | 1.15 | ZYR149R79 ZYRF149R79 | 4P | | |
| 176 | 18 | 7.55 | 1.3 | 2.90 | | | 0.48 | 9883 | 2898 | 65 | 1.30 | | | | |
| 189 | 17 | 7.04 | 1.3 | 3.10 | | | 0.54 | 8713 | 2555 | 66 | 1.50 | | | | |
| 216 | 15 | 6.15 | 1.2 | 3.40 | | | 0.63 | 7540 | 2211 | 67 | 1.70 | ZYR139R79 ZYRF139R79 | 4P | | |
| 231 | 14 | 5.76 | 1.2 | 3.60 | | | 0.71 | 6654 | 1951 | 68 | 1.95 | | | | |
| 261 | 12 | 5.09 | 1.2 | 3.90 | | | 0.82 | 5815 | 1705 | 69 | 2.25 | | | | |
| 295 | 11 | 4.51 | 1.1 | 4.20 | 0.90 | 5238 | 1536 | 69 | 2.50 | ZYR139R79 ZYRF139R79 | 4P | | | | |
| 347 | 9.4 | 3.83 | 1.1 | 4.60 | 1.0 | 4532 | 1329 | 70 | 2.85 | | | | | | |
| 198 | 16 | 13.84 | 1.3 | 4.60 | 1.2 | 3976 | 1166 | 70 | 3.25 | | | | | | |
| 211 | 15 | 12.98 | 1.3 | 4.90 | ZYR19 ZYRF19 | 2P | 0.56 | 8471 | 2484 | 49 | 0.95 | ZYR109R79 ZYRF109R79 | 4P | | |
| 239 | 14 | 11.45 | 1.3 | 5.30 | | | 0.52 | 9065 | 2658 | 47 | 0.90 | | | | |
| 270 | 12 | 10.15 | 1.2 | 5.70 | | | 0.58 | 8226 | 2412 | 50 | 0.95 | | | | |
| 317 | 10 | 8.63 | 1.2 | 6.30 | | | 0.67 | 7070 | 2073 | 52 | 1.10 | | | | |
| 363 | 9.0 | 7.55 | 1.1 | 5.50 | | | 0.76 | 6272 | 1839 | 54 | 1.25 | | | | |
| 389 | 8.4 | 7.04 | 1.1 | 5.80 | | | 0.87 | 5450 | 1598 | 55 | 1.45 | | | | |
| 446 | 7.3 | 6.15 | 1.0 | 6.60 | | | 0.99 | 4764 | 1397 | 56 | 1.65 | | | | |
| 476 | 6.8 | 5.76 | 1.0 | 6.90 | 1.1 | 4181 | 1226 | 56 | 1.90 | ZYR109R79 ZYRF109R79 | 4P | | | | |
| 538 | 6.0 | 5.09 | 1.0 | 7.50 | 1.3 | 3717 | 1090 | 57 | 2.15 | | | | | | |
| 608 | 5.4 | 4.51 | 0.9 | 8.00 | 1.5 | 3243 | 951 | 57 | 2.45 | | | | | | |
| 715 | 4.5 | 3.83 | 0.9 | 8.80 | 1.7 | 2834 | 831 | 57 | 2.80 | ZYR109R79 ZYRF109R79 | 4P | | | | |
| 172 | 20 | 5.18 | 4.3 | 3.70 | 0.99 | 4798 | 1407 | 22 | 0.90 | | | | | | |
| 196 | 18 | 4.53 | 4.2 | 4.60 | 1.1 | 4123 | 1209 | 29 | 1.05 | | | | | | |
| 207 | 17 | 4.30 | 4.1 | 4.70 | ZYRX69 ZYRXF69 | 4P | 1.3 | 3598 | 1055 | 31 | 1.20 | ZYR99R59 ZYRF99R59 | 4P | | |
| 236 | 15 | 3.77 | 3.9 | 5.90 | | | 1.5 | 3134 | 919 | 33 | 1.35 | | | | |
| 219 | 16 | 6.07 | 4.0 | 2.80 | | | 1.7 | 2779 | 815 | 34 | 1.55 | | | | |
| 257 | 13 | 5.18 | 3.8 | 5.60 | | | 1.9 | 2445 | 717 | 34 | 1.75 | | | | |
| 294 | 12 | 4.53 | 3.6 | 7.10 | | | 2.2 | 2135 | 626 | 35 | 2.00 | | | | |
| 309 | 11 | 4.30 | 3.6 | 7.30 | | | 0.99 | 4774 | 1400 | 24 | 0.90 | | | | |
| 353 | 10 | 3.77 | 3.4 | 9.00 | ZYRX59 ZYRXF59 | 6P | 1.1 | 4181 | 1226 | 29 | 1.05 | ZYR99R59 ZYRF99R59 | 4P | | |
| 416 | 8 | 3.20 | 3.2 | 12 | | | 1.3 | 3765 | 1104 | 31 | 1.15 | | | | |
| 460 | 7 | 2.89 | 3.1 | 14 | | | 1.5 | 3202 | 939 | 33 | 1.35 | | | | |
| 524 | 7 | 2.54 | 3.0 | 18 | | | 1.7 | 2803 | 822 | 34 | 1.55 | | | | |
| 554 | 6 | 2.40 | 3.0 | 20 | | | 1.5 | 3199 | 938 | 4.4 | 0.95 | | | | |
| 652 | 5 | 2.04 | 2.8 | 26 | | | 1.7 | 2810 | 824 | 21 | 1.05 | | | | |
| 205 | 17 | 4.35 | 3.3 | 4.00 | ZYRX59 ZYRXF59 | 4P | 1.9 | 2513 | 737 | 23 | 1.20 | ZYR99R59 ZYRF99R59 | 4P | | |
| 235 | 15 | 3.79 | 3.2 | 4.60 | | | 2.2 | 2155 | 632 | 24 | 1.40 | | | | |
| 251 | 14 | 3.55 | 3.1 | 5.00 | | | 2.5 | 1910 | 560 | 25 | 1.55 | | | | |
| 242 | 14 | 5.50 | 3.1 | 2.80 | | | 2.9 | 1651 | 484 | 26 | 1.80 | | | | |
| 262 | 13 | 5.07 | 3.0 | 2.80 | | | 3.2 | 1470 | 431 | 26 | 2.00 | | | | |
| 306 | 11 | 4.35 | 2.9 | 6.10 | | | 3.7 | 1293 | 379 | 27 | 2.30 | | | | |
| 351 | 9.8 | 3.79 | 2.8 | 7.10 | | | | | | | | | | | |

选型参数表

(恒功率) 0.55kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|-----------------------|------------|
| 0.55kW | | | | | | |
| 4.1 | 1146 | 336 | 27 | 2.60 | ZYR99R59 | 4P |
| 4.7 | 1009 | 296 | 27 | 3.00 | ZYRF99R59 | |
| 5.6 | 849 | 249 | 27 | 3.55 | | |
| 2.6 | 1797 | 527 | 14 | 0.85 | ZYR89R59 ZYRF89R59 | 4P |
| 3.0 | 1562 | 458 | 16 | 1.00 | | |
| 3.5 | 1361 | 399 | 17 | 1.15 | | |
| 3.9 | 1207 | 354 | 18 | 1.30 | ZYR89R59 ZYRF89R59 | 4P |
| 4.6 | 1027 | 301 | 19 | 1.50 | | |
| 2.9 | 1617 | 474 | 15 | 0.95 | | |
| 3.5 | 1371 | 402 | 17 | 1.10 | ZYR89R59 ZYRF89R59 | 4P |
| 3.8 | 1238 | 363 | 18 | 1.25 | | |
| 5.0 | 941 | 276 | 6.1 | 0.85 | | |
| 5.9 | 805 | 236 | 9.4 | 1.00 | ZYR79R59 ZYRF79R59 | 4P |
| 6.3 | 754 | 221 | 10 | 1.05 | | |
| 7.5 | 634 | 186 | 11 | 1.30 | | |
| 2.6 | 1933 | 255.71 | 25 | 1.50 | ZYR99 ZYRF99 | 8P |
| 2.7 | 1824 | 241.25 | 26 | 1.60 | | |
| 3.1 | 1635 | 216.28 | 26 | 1.80 | | |
| 3.1 | 1624 | 289.74 | 26 | 1.75 | ZYR99 ZYRF99 | 6P |
| 3.5 | 1434 | 255.71 | 26 | 2.00 | | |
| 3.7 | 1353 | 241.25 | 26 | 2.10 | | |
| 4.1 | 1213 | 216.28 | 27 | 2.40 | ZYR99 ZYRF99 | 4P |
| 4.8 | 1040 | 289.74 | 27 | 2.70 | | |
| 5.4 | 918 | 255.71 | 27 | 3.00 | | |
| 5.8 | 866 | 241.25 | 27 | 3.20 | ZYR89 ZYRF89 | 6P |
| 6.4 | 776 | 216.28 | 27 | 3.60 | | |
| 3.6 | 1388 | 247.61 | 17 | 1.10 | | |
| 4.1 | 1219 | 217.48 | 18 | 1.25 | ZYR89 ZYRF89 | 4P |
| 4.3 | 1158 | 206.60 | 18 | 1.30 | | |
| 4.9 | 1023 | 182.55 | 19 | 1.45 | | |
| 5.7 | 875 | 156.01 | 19 | 1.70 | ZYR89 ZYRF89 | 4P |
| 5.6 | 889 | 247.61 | 19 | 1.65 | | |
| 6.4 | 781 | 217.48 | 19 | 1.85 | | |
| 6.7 | 742 | 206.60 | 19 | 1.95 | ZYR89 ZYRF89 | 4P |
| 7.6 | 655 | 182.55 | 19 | 2.20 | | |
| 8.9 | 560 | 156.01 | 19 | 2.60 | | |
| 9.7 | 513 | 143.03 | 19 | 2.80 | ZYR79 ZYRF79 | 4P |
| 11 | 451 | 125.51 | 19 | 3.20 | | |
| 12 | 427 | 118.94 | 19 | 3.40 | | |
| 13 | 374 | 104.10 | 19 | 3.90 | ZYR69 ZYRF69 | 4P |
| 8.3 | 598 | 166.59 | 11 | 1.25 | | |
| 9.5 | 523 | 145.67 | 11 | 1.45 | | |
| 10 | 497 | 138.39 | 11 | 1.55 | ZYR79 ZYRF79 | 4P |
| 11 | 436 | 121.42 | 12 | 1.75 | | |
| 13 | 370 | 102.99 | 12 | 2.10 | | |
| 15 | 334 | 92.97 | 12 | 2.30 | ZYR69 ZYRF69 | 4P |
| 17 | 294 | 81.80 | 12 | 2.60 | | |
| 18 | 277 | 77.24 | 12 | 2.80 | | |
| 21 | 236 | 65.77 | 12 | 3.20 | ZYR59 ZYRF59 | 4P |
| 8.8 | 568 | 158.14 | 7.1 | 1.00 | | |
| 10 | 494 | 137.67 | 7.9 | 1.15 | | |
| 11 | 463 | 128.97 | 8.2 | 1.20 | ZYR59 ZYRF59 | 4P |
| 12 | 409 | 113.94 | 8.6 | 1.35 | | |
| 13 | 380 | 105.83 | 8.8 | 1.45 | | |
| 14 | 344 | 95.91 | 9.0 | 1.60 | ZYR59 ZYRF59 | 4P |
| 16 | 309 | 86.11 | 9.2 | 1.80 | | |
| 19 | 266 | 74.17 | 9.4 | 2.10 | | |
| 20 | 250 | 69.75 | 10 | 2.20 | ZYR59 ZYRF59 | 4P |
| 23 | 220 | 61.26 | 10 | 2.50 | | |
| 24 | 204 | 56.89 | 10 | 2.70 | | |
| 12 | 433 | 120.63 | 6.7 | 0.95 | ZYR59 ZYRF59 | 4P |
| 13 | 383 | 106.58 | 6.9 | 1.10 | | |
| 14 | 355 | 98.99 | 7.0 | 1.20 | | |
| 15 | 322 | 89.71 | 7.1 | 1.30 | | |

Selection Table

(Constant Power) 0.55kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|-------|------------------|-------|------------------|------------|
| 0.55kW | | | | | | |
| 17 | 289 | 80.55 | 7.2 | 1.45 | ZYR59 ZYRF59 | 4P |
| 20 | 249 | 69.23 | 7.3 | 1.70 | | |
| 21 | 233 | 64.85 | 7.4 | 1.80 | | |
| 24 | 206 | 57.29 | 7.2 | 2.00 | ZYR59 ZYRF59 | 4P |
| 26 | 191 | 53.22 | 7.0 | 2.20 | | |
| 29 | 173 | 48.23 | 6.8 | 2.40 | | |
| 32 | 155 | 43.30 | 6.6 | 2.70 | ZYR59 ZYRF59 | 4P |
| 37 | 134 | 37.30 | 6.4 | 3.10 | | |
| 40 | 126 | 35.07 | 6.3 | 3.30 | | |
| 53 | 94 | 26.31 | 5.8 | 4.40 | ZYR59 ZYRF59 | 4P |
| 56 | 90 | 24.99 | 5.7 | 4.70 | | |
| 63 | 79 | 21.93 | 5.5 | 5.30 | | |
| 75 | 67 | 18.60 | 5.2 | 6.30 | ZYR49 ZYRF49 | 4P |
| 15 | 336 | 93.68 | 3.1 | 0.85 | | |
| 16 | 305 | 84.90 | 5.0 | 0.90 | | |
| 18 | 274 | 76.23 | 5.2 | 1.00 | ZYR49 ZYRF49 | 4P |
| 20 | 246 | 68.54 | 5.3 | 1.15 | | |
| 22 | 231 | 64.21 | 5.4 | 1.20 | | |
| 25 | 204 | 56.73 | 5.5 | 1.35 | ZYR49 ZYRF49 | 4P |
| 26 | 189 | 52.69 | 5.5 | 1.45 | | |
| 29 | 171 | 47.75 | 5.3 | 1.65 | | |
| 32 | 154 | 42.87 | 5.2 | 1.80 | ZYR39 ZYRF39 | 4P |
| 38 | 133 | 36.93 | 5.0 | 2.10 | | |
| 40 | 125 | 34.73 | 4.9 | 2.20 | | |
| 47 | 107 | 29.88 | 4.7 | 2.60 | ZYR39 ZYRF39 | 4P |
| 52 | 96 | 26.74 | 4.6 | 2.90 | | |
| 60 | 84 | 23.28 | 4.4 | 3.30 | | |
| 64 | 78 | 21.81 | 4.3 | 3.60 | ZYR39 ZYRF39 | 4P |
| 23 | 213 | 61.18 | 3.7 | 0.85 | | |
| 25 | 194 | 55.76 | 4.5 | 0.95 | | |
| 29 | 167 | 48.08 | 4.9 | 1.10 | ZYR39 ZYRF39 | 4P |
| 31 | 156 | 44.81 | 5.0 | 1.15 | | |
| 35 | 136 | 39.17 | 4.8 | 1.30 | | |
| 38 | 128 | 36.72 | 4.7 | 1.40 | ZYR39 ZYRF39 | 4P |
| 43 | 113 | 32.40 | 4.6 | 1.60 | | |
| 48 | 100 | 28.73 | 4.5 | 1.80 | | |
| 57 | 85 | 24.42 | 4.3 | 2.10 | ZYR39 ZYRF39 | 4P |
| 62 | 77 | 22.27 | 4.2 | 2.30 | | |
| 72 | 67 | 19.31 | 4.0 | 2.70 | | |
| 77 | 63 | 18.05 | 3.9 | 2.90 | ZYR29 ZYRF29 | 4P |
| 89 | 54 | 15.60 | 3.8 | 3.30 | | |
| 105 | 46 | 13.25 | 3.6 | 3.70 | | |
| 117 | 41 | 11.83 | 3.5 | 4.00 | ZYR29 ZYRF29 | 4P |
| 35 | 136 | 39.25 | 3.1 | 0.85 | | |
| 38 | 128 | 36.79 | 3.1 | 0.90 | | |
| 43 | 113 | 32.47 | 3.0 | 1.05 | ZYR29 ZYRF29 | 4P |
| 48 | 100 | 28.78 | 2.9 | 1.15 | | |
| 57 | 85 | 24.47 | 2.8 | 1.40 | | |
| 62 | 78 | 22.32 | 2.8 | 1.50 | ZYR29 ZYRF29 | 4P |
| 72 | 67 | 19.35 | 2.7 | 1.75 | | |
| 77 | 63 | 18.08 | 2.6 | 1.85 | | |
| 89 | 54 | 15.63 | 2.5 | 2.20 | ZYR29 ZYRF29 | 4P |
| 105 | 46 | 13.28 | 2.4 | 2.50 | | |
| 117 | 41 | 11.86 | 2.3 | 2.80 | | |
| 137 | 35 | 10.13 | 2.3 | 3.10 | ZYR29 ZYRF29 | 4P |
| 148 | 33 | 9.41 | 2.2 | 3.40 | | |
| 170 | 28 | 8.16 | 2.1 | 3.70 | | |
| 182 | 27 | 7.63 | 2.1 | 3.80 | ZYR29 ZYRF29 | 4P |
| 211 | 23 | 6.59 | 2.0 | 4.20 | | |
| 248 | 19 | 5.60 | 1.9 | 4.60 | | |
| 278 | 17 | 5.00 | 1.8 | 4.90 | ZYR29 ZYRF29 | 4P |
| 326 | 15 | 4.27 | 1.7 | 5.30 | | |
| 348 | 14 | 4.00 | 1.7 | 5.50 | | |
| 412 | 12 | 3.37 | 1.6 | 6.10 | | |

选型参数表

(恒功率) 0.55kW-0.75kW

Selection Table

(Constant Power) 0.55kW-0.75kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|-------|------------------|-------|-------------------------|------------|------------------|---------------|--------|------------------|-------|------------------|------------|
| 0.55kW | | | | | | | 0.75kW | | | | | | |
| 51 | 95 | 53.76 | 0.2 | 0.80 | ZYR19 ZYRF19 | 2P | 0.48 | 13551 | 2914 | 128 | 2.7 | ZYR179R99 | 4P |
| 58 | 84 | 47.44 | 1.2 | 0.90 | | | 0.54 | 11863 | 2551 | 128 | 3.1 | ZYRF179R99 | |
| 62 | 78 | 44.18 | 1.5 | 1.00 | | | 0.26 | 25145 | 5407 | 114 | 0.80 | ZYR169R99 | |
| 71 | 68 | 38.61 | 1.5 | 1.15 | | | 0.30 | 21625 | 4650 | 114 | 0.80 | ZYRF169R99 | 4P |
| 71 | 69 | 19.71 | 1.5 | 1.10 | | | 0.34 | 19202 | 4129 | 114 | 0.90 | ZYR169R99 | |
| 82 | 59 | 16.99 | 1.5 | 1.30 | ZYR19 ZYRF19 | 4P | 0.52 | 12356 | 2657 | 114 | 1.45 | ZYR169R99 | |
| 88 | 55 | 15.84 | 1.5 | 1.40 | | | 0.60 | 10850 | 2333 | 114 | 1.65 | ZYRF169R99 | 4P |
| 100 | 48 | 13.84 | 1.4 | 1.60 | | | 0.67 | 9696 | 2085 | 114 | 1.85 | ZYR149R79 | |
| 107 | 45 | 12.98 | 1.4 | 1.70 | | | 0.97 | 6687 | 1438 | 114 | 2.70 | ZYRF149R79 | |
| 121 | 40 | 11.45 | 1.4 | 1.85 | | | 0.42 | 15356 | 3302 | 47 | 0.85 | ZYR149R79 | 4P |
| 137 | 35 | 10.15 | 1.4 | 1.95 | | | 0.48 | 13477 | 2898 | 59 | 0.95 | ZYRF149R79 | |
| 161 | 30 | 8.63 | 1.3 | 2.20 | | | 0.54 | 11882 | 2555 | 62 | 1.10 | ZYR139R79 | |
| 184 | 26 | 7.55 | 1.2 | 1.90 | | | 0.63 | 10282 | 2211 | 64 | 1.25 | ZYRF139R79 | 4P |
| 197 | 24 | 7.04 | 1.2 | 2.00 | | | 0.71 | 9073 | 1951 | 66 | 1.45 | ZYR139R79 | |
| 226 | 21 | 6.15 | 1.2 | 2.30 | | | 0.82 | 7929 | 1705 | 67 | 1.65 | ZYRF139R79 | |
| 241 | 20 | 5.76 | 1.2 | 2.40 | ZYR19 ZYRF19 | 2P | 0.90 | 7143 | 1536 | 68 | 1.85 | ZYR109R79 | 4P |
| 273 | 18 | 5.09 | 1.1 | 2.60 | | | 1.0 | 6180 | 1329 | 68 | 2.10 | ZYRF109R79 | |
| 308 | 16 | 4.51 | 1.1 | 2.80 | | | 1.2 | 5422 | 1166 | 69 | 2.40 | ZYR99R59 | |
| 363 | 13 | 3.83 | 1.1 | 3.00 | | | 0.75 | 8664 | 1863 | 49 | 0.90 | ZYRF99R59 | 4P |
| 317 | 15 | 8.63 | 1.1 | 4.30 | | | 0.88 | 7376 | 1586 | 52 | 1.05 | ZYR89R59 | |
| 363 | 13 | 7.55 | 1.0 | 3.80 | ZYR19 ZYRF19 | 2P | 1.0 | 6469 | 1391 | 53 | 1.20 | ZYRF89R59 | |
| 389 | 12 | 7.04 | 1.0 | 4.00 | | | 1.1 | 5841 | 1256 | 54 | 1.35 | ZYR79R39 | 4P |
| 446 | 11 | 6.15 | 1.0 | 4.50 | | | 0.67 | 9640 | 2073 | 39 | 0.80 | ZYRF79R39 | |
| 476 | 10 | 5.76 | 1.0 | 4.70 | | | 0.76 | 8552 | 1839 | 49 | 0.95 | ZYR59R39 | 4P |
| 538 | 9.0 | 5.09 | 0.9 | 5.20 | | | 0.87 | 7431 | 1598 | 52 | 1.05 | ZYRF59R39 | |
| 608 | 8.0 | 4.51 | 0.9 | 5.40 | ZYRX69 ZYRFX69 | 6P | 1.0 | 6497 | 1397 | 53 | 1.20 | ZYR49R39 | 4P |
| 715 | 6.8 | 3.83 | 0.9 | 6.00 | | | 1.1 | 5701 | 1226 | 55 | 1.40 | ZYRF49R39 | |
| 172 | 30 | 5.18 | 4.3 | 2.50 | | | 1.3 | 5069 | 1090 | 55 | 1.55 | ZYR39R39 | 4P |
| 196 | 26 | 4.53 | 4.1 | 3.10 | | | 1.5 | 4423 | 951 | 56 | 1.80 | ZYRF39R39 | |
| 207 | 25 | 4.30 | 4.0 | 3.20 | | | 1.7 | 3865 | 831 | 57 | 2.05 | ZYR29R39 | 4P |
| 236 | 22 | 3.77 | 3.9 | 4.00 | ZYRX69 ZYRFX69 | 4P | 1.9 | 3395 | 730 | 57 | 2.35 | ZYRF29R39 | |
| 268 | 19 | 5.18 | 3.8 | 3.80 | | | 1.3 | 4906 | 1055 | 18 | 0.85 | ZYR109R79 | 4P |
| 307 | 17 | 4.53 | 3.6 | 4.70 | | | 1.5 | 4274 | 919 | 28 | 1.00 | ZYRF109R79 | |
| 323 | 16 | 4.30 | 3.6 | 4.80 | | | 1.7 | 3790 | 815 | 30 | 1.15 | ZYR99R79 | 4P |
| 369 | 14 | 3.77 | 3.4 | 6.00 | | | 1.3 | 5134 | 1104 | 7 | 0.85 | ZYRF99R79 | |
| 434 | 12 | 3.20 | 3.2 | 8.10 | ZYRX69 ZYRFX69 | 4P | 1.5 | 4367 | 939 | 28 | 1.00 | ZYR89R79 | 4P |
| 481 | 11 | 2.89 | 3.1 | 9.50 | | | 1.7 | 3823 | 822 | 30 | 1.10 | ZYRF89R79 | |
| 547 | 9.4 | 2.54 | 3.0 | 12 | | | 3.8 | 1716 | 369 | 35 | 2.50 | ZYR79R39 | 4P |
| 579 | 8.8 | 2.40 | 3.0 | 13 | | | 4.3 | 1502 | 323 | 35 | 2.85 | ZYRF79R39 | |
| 681 | 7.5 | 2.04 | 2.8 | 17 | | | 2.2 | 2939 | 632 | 20 | 1.00 | ZYR59R39 | 4P |
| 747 | 6.9 | 1.86 | 2.7 | 18 | ZYRX59 ZYRFX59 | 6P | 2.5 | 2604 | 560 | 23 | 1.15 | ZYRF59R39 | |
| 863 | 5.9 | 1.61 | 2.6 | 18 | | | 2.9 | 2251 | 484 | 24 | 1.35 | ZYR49R39 | 4P |
| 205 | 25 | 4.35 | 3.3 | 2.70 | | | 3.2 | 2004 | 431 | 25 | 1.50 | ZYRF49R39 | |
| 235 | 22 | 3.79 | 3.1 | 3.10 | | | 3.7 | 1763 | 379 | 26 | 1.70 | ZYR39R39 | 4P |
| 251 | 20 | 3.55 | 3.1 | 3.30 | | | 4.1 | 1563 | 336 | 26 | 1.90 | ZYRF39R39 | |
| 283 | 18 | 3.14 | 3.0 | 3.50 | ZYRX59 ZYRFX59 | 4P | 4.7 | 1377 | 296 | 26 | 2.20 | ZYR29R39 | 4P |
| 306 | 17 | 2.91 | 2.9 | 3.90 | | | 5.6 | 1158 | 249 | 27 | 2.60 | ZYRF29R39 | |
| 320 | 16 | 4.35 | 2.9 | 4.10 | | | 3.5 | 1856 | 399 | 12 | 0.85 | ZYR109R79 | 4P |
| 367 | 14 | 3.79 | 2.8 | 4.70 | | | 3.9 | 1646 | 354 | 16 | 0.95 | ZYRF109R79 | |
| 392 | 13 | 3.55 | 2.7 | 5.00 | | | 5.2 | 1251 | 269 | 18 | 1.25 | ZYR99R79 | 4P |
| 443 | 12 | 3.14 | 2.6 | 5.40 | ZYRX59 ZYRFX59 | 4P | 5.9 | 1102 | 237 | 19 | 1.40 | ZYRF99R79 | |
| 478 | 11 | 2.91 | 2.5 | 6.00 | | | 3.8 | 1688 | 363 | 15 | 0.90 | ZYR89R79 | 4P |
| 527 | 9.7 | 2.64 | 2.5 | 6.80 | | | 4.6 | 1400 | 301 | 17 | 1.10 | ZYRF89R79 | |
| 586 | 8.7 | 2.37 | 2.4 | 7.50 | | | 5.4 | 1195 | 257 | 18 | 1.30 | ZYR79R39 | 8P |
| 681 | 7.5 | 2.04 | 2.3 | 8.70 | | | 2.7 | 2477 | 251.15 | 34 | 1.65 | ZYRF79R39 | |
| 724 | 7.1 | 1.92 | 2.2 | 9.30 | ZYR179R99 ZYRF179R99 | 4P | 3.0 | 2268 | 229.95 | 34 | 1.80 | ZYR109 | 8P |
| 842 | 6.1 | 1.65 | 2.1 | 11 | | | 3.4 | 2003 | 203.16 | 35 | 2.00 | ZYRF109 | |
| 939 | 5.5 | 1.48 | 2.0 | 12 | | | 3.2 | 2133 | 216.28 | 24 | 1.35 | ZYR99 | 8P |
| 1103 | 4.6 | 1.26 | 2.0 | 13 | | | 3.7 | 1837 | 186.30 | 25 | 1.55 | ZYRF99 | |
| 0.16 | 41147 | 8848 | 128 | 0.9 | | | 4.1 | 1677 | 170.02 | 26 | 1.70 | ZYR99 | 6P |
| 0.25 | 25736 | 5534 | 128 | 1.4 | ZYR179R99 ZYRF179R99 | 4P | 3.6 | 1912 | 255.71 | 25 | 1.45 | ZYRF99 | |
| 0.28 | 22852 | 4914 | 128 | 1.6 | | | 3.8 | 1804 | 241.25 | 25 | 1.55 | ZYR99 | 6P |
| 0.45 | 14407 | 3098 | 128 | 2.5 | | | 4.2 | 1617 | 216.28 | 26 | 1.75 | ZYRF99 | |

选型参数表

(恒功率) 0.75kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|------------------|------------|
| 0.75kW | | | | | | |
| 4.8 | 1418 | 289.74 | 26 | 2.00 | ZPR99 ZPRF99 | 4P |
| 5.4 | 1252 | 255.71 | 27 | 2.30 | | |
| 5.8 | 1181 | 241.25 | 27 | 2.40 | | |
| 6.4 | 1059 | 216.28 | 27 | 2.70 | | |
| 7.5 | 912 | 186.30 | 27 | 3.10 | | |
| 8.2 | 832 | 170.02 | 27 | 3.40 | | |
| 4.2 | 1626 | 217.48 | 15 | 0.90 | ZPR89 ZPRF89 | 6P |
| 4.4 | 1545 | 206.60 | 15 | 0.95 | | |
| 5.0 | 1365 | 182.55 | 17 | 1.05 | ZPR89 ZPRF89 | 6P |
| 5.8 | 1167 | 156.01 | 18 | 1.25 | | |
| 6.4 | 1069 | 143.03 | 18 | 1.35 | | |
| 5.6 | 1212 | 247.61 | 18 | 1.20 | ZPR89 ZPRF89 | 4P |
| 6.4 | 1065 | 217.48 | 18 | 1.40 | | |
| 6.7 | 1011 | 206.60 | 19 | 1.45 | | |
| 7.6 | 894 | 182.55 | 19 | 1.65 | | |
| 8.9 | 764 | 156.01 | 19 | 1.90 | | |
| 9.7 | 700 | 143.03 | 19 | 2.10 | | |
| 11 | 614 | 125.51 | 19 | 2.40 | | |
| 12 | 582 | 118.94 | 19 | 2.50 | | |
| 13 | 510 | 104.10 | 19 | 2.90 | ZPR79 ZPRF79 | 4P |
| 15 | 459 | 93.78 | 19 | 3.20 | | |
| 8.3 | 815 | 166.59 | 9.0 | 0.95 | | |
| 9.5 | 713 | 145.67 | 10 | 1.10 | ZPR79 ZPRF79 | 4P |
| 10 | 677 | 138.39 | 10 | 1.15 | | |
| 11 | 594 | 121.42 | 11 | 1.30 | | |
| 13 | 504 | 102.99 | 11 | 1.55 | | |
| 15 | 455 | 92.97 | 12 | 1.70 | | |
| 17 | 400 | 81.80 | 12 | 1.95 | | |
| 18 | 378 | 77.24 | 12 | 2.00 | | |
| 21 | 322 | 65.77 | 12 | 2.40 | | |
| 24 | 282 | 57.68 | 12 | 2.70 | | |
| 27 | 255 | 52.07 | 12 | 3.00 | | |
| 30 | 224 | 45.81 | 12 | 3.50 | ZPR69 ZPRF69 | 4P |
| 32 | 212 | 43.26 | 12 | 3.70 | | |
| 11 | 631 | 128.97 | 3.8 | 0.90 | | |
| 12 | 558 | 113.94 | 7.3 | 1.00 | | |
| 13 | 518 | 105.83 | 7.7 | 1.10 | | |
| 14 | 470 | 95.91 | 8.2 | 1.20 | | |
| 16 | 422 | 86.11 | 8.6 | 1.35 | | |
| 19 | 363 | 74.17 | 9.0 | 1.55 | | |
| 20 | 341 | 69.75 | 9.1 | 1.65 | ZPR59 ZPRF59 | 4P |
| 23 | 300 | 61.26 | 9.3 | 1.90 | | |
| 24 | 278 | 56.89 | 9.4 | 2.00 | | |
| 27 | 252 | 51.56 | 10 | 2.20 | | |
| 30 | 227 | 46.29 | 10 | 2.50 | | |
| 13 | 522 | 106.58 | 4.4 | 0.80 | | |
| 14 | 485 | 98.99 | 5.9 | 0.90 | | |
| 15 | 439 | 89.71 | 6.7 | 0.95 | | |
| 17 | 394 | 80.55 | 6.9 | 1.10 | ZPR59 ZPRF59 | 4P |
| 20 | 339 | 69.23 | 7.1 | 1.25 | | |
| 21 | 317 | 64.85 | 7.1 | 1.35 | | |
| 24 | 280 | 57.29 | 6.9 | 1.50 | | |
| 26 | 261 | 53.22 | 6.7 | 1.65 | | |
| 29 | 236 | 48.23 | 6.6 | 1.80 | | |
| 32 | 212 | 43.30 | 6.4 | 2.00 | | |
| 37 | 183 | 37.30 | 6.2 | 2.30 | | |
| 40 | 172 | 35.07 | 6.1 | 2.50 | | |
| 46 | 148 | 30.18 | 5.8 | 2.90 | | |
| 52 | 132 | 26.97 | 5.6 | 3.20 | ZPR59 ZPRF59 | 4P |
| 53 | 129 | 26.31 | 5.6 | 3.30 | | |
| 56 | 122 | 24.99 | 5.5 | 3.50 | | |
| 63 | 107 | 21.93 | 5.3 | 4.00 | | |
| 75 | 91 | 18.60 | 5.1 | 4.70 | | |

Selection Table

(Constant Power) 0.75kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|-------|------------------|-------|------------------|------------|
| 0.75kW | | | | | | |
| 20 | 336 | 68.54 | 3.5 | 0.85 | ZYR49 ZYRF49 | 4P |
| 22 | 314 | 64.21 | 4.7 | 0.90 | | |
| 25 | 278 | 56.73 | 5.2 | 1.00 | | |
| 26 | 258 | 52.69 | 5.2 | 1.10 | ZYR49 ZYRF49 | 4P |
| 29 | 234 | 47.75 | 5.1 | 1.20 | | |
| 32 | 210 | 42.87 | 5.0 | 1.35 | | |
| 38 | 181 | 36.93 | 4.8 | 1.55 | | |
| 40 | 170 | 34.73 | 4.7 | 1.65 | | |
| 47 | 146 | 29.88 | 4.6 | 1.95 | | |
| 52 | 131 | 26.70 | 4.4 | 2.20 | | |
| 61 | 112 | 22.81 | 4.3 | 2.50 | ZYR49 ZYRF49 | 4P |
| 52 | 131 | 26.74 | 4.4 | 2.20 | | |
| 60 | 114 | 23.28 | 4.3 | 2.50 | | |
| 64 | 107 | 21.81 | 4.2 | 2.70 | | |
| 72 | 94 | 19.27 | 4.1 | 3.00 | | |
| 78 | 88 | 17.89 | 4.0 | 3.10 | ZYR39 ZYRF39 | 4P |
| 86 | 79 | 16.22 | 3.9 | 3.30 | | |
| 29 | 228 | 48.08 | 2.2 | 0.80 | | |
| 31 | 212 | 44.81 | 4.0 | 0.85 | ZYR39 ZYRF39 | 4P |
| 35 | 186 | 39.17 | 4.5 | 1.00 | | |
| 38 | 174 | 36.72 | 4.5 | 1.05 | ZPR39 ZPRF39 | 4P |
| 43 | 154 | 32.40 | 4.4 | 1.20 | | |
| 48 | 136 | 28.73 | 4.3 | 1.35 | | |
| 57 | 116 | 24.42 | 4.1 | 1.60 | | |
| 62 | 106 | 22.27 | 4.0 | 1.75 | | |
| 72 | 92 | 19.31 | 3.9 | 2.00 | ZPR39 ZPRF39 | 4P |
| 77 | 86 | 18.05 | 3.8 | 2.10 | | |
| 89 | 74 | 15.60 | 3.7 | 2.50 | | |
| 105 | 63 | 13.25 | 3.5 | 2.80 | | |
| 117 | 56 | 11.83 | 3.4 | 3.00 | | |
| 137 | 48 | 10.11 | 3.2 | 3.20 | | |
| 147 | 45 | 9.47 | 3.2 | 3.40 | | |
| 48 | 136 | 28.78 | 2.7 | 0.85 | ZPR29 ZPRF29 | 4P |
| 57 | 116 | 24.47 | 2.7 | 1.00 | | |
| 62 | 106 | 22.32 | 2.6 | 1.10 | ZPR29 ZPRF29 | 4P |
| 72 | 92 | 19.35 | 2.5 | 1.30 | | |
| 77 | 86 | 18.08 | 2.5 | 1.40 | | |
| 89 | 74 | 15.63 | 2.4 | 1.60 | | |
| 105 | 63 | 13.28 | 2.3 | 1.90 | | |
| 117 | 56 | 11.86 | 2.3 | 2.10 | | |
| 137 | 48 | 10.13 | 2.2 | 2.30 | | |
| 148 | 45 | 9.41 | 2.1 | 2.50 | | |
| 170 | 39 | 8.16 | 2.0 | 2.70 | | |
| 182 | 36 | 7.63 | 2.0 | 2.80 | | |
| 211 | 31 | 6.59 | 1.9 | 3.10 | ZPR19 ZPRF19 | 4P |
| 248 | 27 | 5.60 | 1.8 | 3.40 | | |
| 278 | 24 | 5.00 | 1.8 | 3.70 | | |
| 71 | 93 | 19.71 | 0.4 | 0.85 | | |
| 82 | 81 | 16.99 | 1.3 | 0.95 | | |
| 88 | 75 | 15.84 | 1.3 | 1.05 | | |
| 100 | 66 | 13.84 | 1.3 | 1.20 | | |
| 107 | 62 | 12.98 | 1.3 | 1.25 | | |
| 121 | 54 | 11.45 | 1.3 | 1.35 | | |
| 137 | 48 | 10.15 | 1.3 | 1.45 | | |
| 161 | 41 | 8.63 | 1.2 | 1.60 | ZPR19 ZPRF19 | 4P |
| 184 | 36 | 7.55 | 1.1 | 1.45 | | |
| 197 | 33 | 7.04 | 1.1 | 1.50 | | |
| 226 | 29 | 6.15 | 1.1 | 1.70 | | |
| 241 | 27 | 5.76 | 1.1 | 1.75 | | |
| 273 | 24 | 5.09 | 1.1 | 1.95 | | |
| 308 | 21 | 4.51 | 1.0 | 2.00 | | |
| 363 | 18 | 3.83 | 1.0 | 2.30 | | |

选型参数表

(恒功率) 0.75kW-1.1kW

Selection Table

(Constant Power) 0.75kW-1.1kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|-------|------------------|-------|-------------------------|------------|------------------|---------------|--------|-----------------------|-------|-------------------------|------------|
| 0.75kW | | | | | | | 1.1kW | | | | | | |
| 247 | 27 | 11.45 | 1.1 | 2.70 | ZPR19 ZPRF19 | 2P | 0.63 | 14973 | 2211 | 48 | 0.85 | ZYR149R79 | 4P |
| 279 | 24 | 10.15 | 1.1 | 2.90 | | | 0.72 | 13212 | 1951 | 59 | 1.00 | ZYRF149R79 | |
| 328 | 20 | 8.63 | 1.1 | 3.10 | | | 0.82 | 11546 | 1705 | 62 | 1.15 | | |
| 375 | 18 | 7.55 | 1.0 | 2.80 | | | 0.91 | 10402 | 1536 | 64 | 1.25 | ZYR149R79 ZYRF149R79 | 4P |
| 402 | 16 | 7.04 | 1.0 | 2.90 | | | 1.1 | 9000 | 1329 | 66 | 1.45 | | |
| 460 | 14 | 6.15 | 1.0 | 3.30 | | | 1.2 | 7896 | 1166 | 67 | 1.65 | | |
| 491 | 13 | 5.76 | 0.9 | 3.50 | | | 1.4 | 6968 | 1029 | 68 | 1.85 | | |
| 556 | 12 | 5.09 | 0.9 | 3.80 | | | 1.6 | 6020 | 889 | 69 | 2.20 | | |
| 627 | 11 | 4.51 | 0.9 | 4.00 | | | 1.8 | 5309 | 784 | 69 | 2.50 | | |
| 739 | 8.9 | 3.83 | 0.8 | 4.40 | 2.0 | 4707 | 695 | 70 | 2.80 | | | | |
| 201 | 35 | 4.53 | 4.0 | 2.30 | ZPRX69 ZPRXF69 | 6P | 1.0 | 9420 | 1391 | 42 | 0.85 | ZYR139R79 ZYRF139R79 | 4P |
| 212 | 33 | 4.30 | 4.0 | 2.30 | | | 1.1 | 8506 | 1256 | 49 | 0.95 | | |
| 241 | 29 | 3.77 | 3.8 | 2.90 | | | 1.3 | 7483 | 1105 | 52 | 1.05 | | |
| 284 | 25 | 3.20 | 3.6 | 3.90 | | | 1.3 | 7063 | 1043 | 52 | 1.10 | | |
| 268 | 26 | 5.18 | 3.7 | 2.80 | ZBRX69 ZBRXF69 | 4P | 1.6 | 6014 | 888 | 54 | 1.30 | | |
| 307 | 23 | 4.53 | 3.6 | 3.50 | | | 1.0 | 9460 | 1397 | 42 | 0.85 | ZYR139R79 ZYRF139R79 | 4P |
| 323 | 22 | 4.30 | 3.5 | 3.60 | | | 1.1 | 8302 | 1226 | 50 | 0.95 | | |
| 369 | 19 | 3.77 | 3.4 | 4.40 | | | 1.3 | 7381 | 1090 | 52 | 1.10 | | |
| 434 | 16 | 3.20 | 3.2 | 6.00 | | | 1.5 | 6440 | 951 | 53 | 1.25 | | |
| 481 | 15 | 2.89 | 3.1 | 7.10 | | | 1.7 | 5628 | 831 | 55 | 1.40 | | |
| 547 | 13 | 2.54 | 3.0 | 8.90 | | | 1.9 | 4944 | 730 | 56 | 1.60 | | |
| 579 | 12 | 2.40 | 2.9 | 9.80 | | | 2.2 | 4260 | 629 | 56 | 1.85 | | |
| 681 | 10 | 2.04 | 2.8 | 13 | | | 2.5 | 3792 | 560 | 57 | 2.10 | | |
| 747 | 9.3 | 1.86 | 2.7 | 13 | 2.9 | 3318 | 490 | 57 | 2.40 | ZYR109R79 | | | |
| 863 | 8.1 | 1.61 | 2.6 | 14 | 2.0 | 4856 | 717 | 19 | 0.90 | ZPRF109R79 | 4P | | |
| 240 | 29 | 3.79 | 3.1 | 2.30 | ZPRX59 ZPRXF59 | 6P | 2.3 | 4158 | 614 | 29 | 1.05 | ZPR109R79 ZPRF109R79 | 4P |
| 256 | 27 | 3.55 | 3.0 | 2.40 | | | 2.6 | 3684 | 544 | 31 | 1.15 | | |
| 290 | 24 | 3.14 | 2.9 | 2.60 | | | 2.8 | 3332 | 492 | 32 | 1.30 | | |
| 313 | 22 | 2.91 | 2.9 | 2.90 | | | 3.4 | 2824 | 417 | 34 | 1.50 | | |
| 345 | 20 | 2.64 | 2.8 | 3.30 | ZPRX59 ZPRXF59 | 4P | 3.8 | 2499 | 369 | 34 | 1.70 | ZPRF109R79 | 4P |
| 320 | 22 | 4.35 | 2.8 | 3.00 | | | 4.3 | 2187 | 323 | 35 | 1.95 | | |
| 367 | 19 | 3.79 | 2.7 | 3.50 | | | 4.9 | 1930 | 285 | 35 | 2.25 | | |
| 392 | 18 | 3.55 | 2.7 | 3.80 | | | 5.5 | 1713 | 253 | 35 | 2.50 | | |
| 443 | 16 | 3.14 | 2.6 | 4.00 | | | 3.2 | 2919 | 431 | 20 | 1.05 | ZPR99R59 ZPRF99R59 | 4P |
| 478 | 15 | 2.91 | 2.5 | 4.40 | | | 3.7 | 2567 | 379 | 23 | 1.15 | | |
| 527 | 13 | 2.64 | 2.4 | 5.00 | | | 4.2 | 2275 | 336 | 24 | 1.30 | | |
| 586 | 12 | 2.37 | 2.3 | 5.60 | | | 4.7 | 2005 | 296 | 25 | 1.50 | ZPR89R59 ZPRF89R59 | 4P |
| 681 | 10 | 2.04 | 2.2 | 6.50 | | | 5.6 | 1686 | 249 | 26 | 1.80 | | |
| 724 | 9.6 | 1.92 | 2.2 | 6.90 | 6.0 | 1585 | 234 | 26 | 1.90 | | | | |
| 842 | 8.3 | 1.65 | 2.1 | 8.00 | 6.7 | 1415 | 209 | 26 | 2.10 | | | | |
| 939 | 7.4 | 1.48 | 2.0 | 8.80 | 5.2 | 1822 | 269 | 13 | 0.85 | ZPR89R59 ZPRF89R59 | 4P | | |
| 1103 | 6.3 | 1.26 | 1.9 | 9.30 | 5.9 | 1605 | 237 | 16 | 0.95 | | | | |
| 1.1kW | | | | | | | 6.7 | 1422 | 210 | | | 17 | 1.10 |
| 0.25 | 37476 | 5534 | 128 | 1.0 | ZPR179R99 ZPRF179R99 | 4P | 5.4 | 1740 | 257 | 15 | 0.90 | ZPR89R59 ZPRF89R59 | 4P |
| 0.28 | 33277 | 4914 | 128 | 1.1 | | | 6.0 | 1578 | 233 | 16 | 1.00 | | |
| 0.32 | 29756 | 4394 | 128 | 1.2 | | | 7.1 | 1327 | 196 | 17 | 1.15 | | |
| 0.35 | 26749 | 3950 | 128 | 1.4 | | | 2.7 | 3632 | 251.15 | 30 | 1.10 | ZPR109 ZPRF109 | 8P |
| 0.41 | 23221 | 3429 | 128 | 1.6 | | | 3.0 | 3326 | 229.95 | 31 | 1.20 | | |
| 0.45 | 20980 | 3098 | 128 | 1.7 | | | 3.4 | 2938 | 203.16 | 33 | 1.35 | | |
| 0.48 | 19734 | 2914 | 128 | 1.9 | | | 4.0 | 2493 | 172.34 | 34 | 1.60 | | |
| 0.52 | 18162 | 2682 | 128 | 2.0 | | | 3.6 | 2804 | 255.71 | 20 | 1.05 | ZPR99 ZPRF99 | 6P |
| 0.61 | 15535 | 2294 | 128 | 2.4 | | | 3.8 | 2646 | 241.25 | 21 | 1.10 | | |
| 0.65 | 14614 | 2158 | 128 | 2.5 | 4.2 | 2372 | 216.28 | 23 | 1.20 | | | | |
| 0.76 | 12501 | 1846 | 128 | 2.9 | 4.9 | 2043 | 186.30 | 25 | 1.40 | | | | |
| 0.53 | 17993 | 2657 | 114 | 1.00 | ZPR169R99 ZPRF169R99 | 4P | 5.5 | 1823 | 255.71 | 25 | 1.55 | ZPR99 ZPRF99 | 4P |
| 0.60 | 15799 | 2333 | 114 | 1.15 | | | 5.8 | 1720 | 241.25 | 26 | 1.65 | | |
| 0.67 | 14120 | 2085 | 114 | 1.30 | | | 6.5 | 1542 | 216.28 | 26 | 1.85 | | |
| 0.75 | 12711 | 1877 | 114 | 1.40 | | | 7.5 | 1328 | 186.30 | 26 | 2.20 | | |
| 0.84 | 11309 | 1670 | 114 | 1.60 | | | 8.2 | 1212 | 170.02 | 27 | 2.30 | | |
| 0.97 | 9738 | 1438 | 114 | 1.85 | | | 9.3 | 1075 | 150.78 | 27 | 2.70 | | |
| 1.1 | 8661 | 1279 | 114 | 2.05 | | | 11 | 904 | 126.75 | 27 | 3.20 | | |
| 1.2 | 7605 | 1123 | 114 | 2.35 | | | 12 | 830 | 116.48 | 27 | 3.40 | | |

选型参数表

(恒功率) 1.1kW

Selection Table

(Constant Power) 1.1kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|------------------|------------|
| 1.1kW | | | | | | | 1.1kW | | | | | | |
| 6.4 | 1550 | 217.48 | 16 | 0.95 | ZYR89 ZYRF89 | 4P | 60 | 166 | 23.28 | 4.1 | 1.70 | ZYR49 ZYRF49 | 4P |
| 6.8 | 1473 | 206.6 | 16 | 1.00 | | | 64 | 155 | 21.81 | 4.0 | 1.85 | | |
| 7.7 | 1301 | 182.55 | 17 | 1.15 | | | 73 | 137 | 19.27 | 3.9 | 2.00 | | |
| 9.0 | 1112 | 156.01 | 18 | 1.35 | | | 78 | 128 | 17.89 | 3.8 | 2.20 | | |
| 9.8 | 1020 | 143.03 | 19 | 1.45 | | | 86 | 116 | 16.22 | 3.7 | 2.30 | | |
| 11 | 895 | 125.51 | 19 | 1.65 | | | 96 | 104 | 14.56 | 3.6 | 2.40 | | |
| 12 | 848 | 118.94 | 19 | 1.75 | | | 112 | 89 | 12.54 | 3.5 | 2.70 | | |
| 13 | 742 | 104.1 | 19 | 2.00 | | | 119 | 84 | 11.79 | 3.4 | 2.80 | | |
| 15 | 669 | 93.78 | 19 | 2.20 | | | 138 | 72 | 10.15 | 3.3 | 3.00 | | |
| 17 | 586 | 82.27 | 19 | 2.50 | | | 154 | 65 | 9.07 | 3.2 | 3.20 | | |
| 19 | 520 | 72.88 | 19 | 2.80 | | | 43 | 224 | 32.40 | 2.8 | 0.80 | ZYR39 ZYRF39 | 4P |
| 22 | 456 | 63.96 | 19 | 3.20 | | | 49 | 198 | 28.73 | 3.1 | 0.95 | | |
| 23 | 432 | 60.61 | 19 | 3.40 | | | 57 | 169 | 24.42 | 3.5 | 1.10 | | |
| 26 | 378 | 53.05 | 19 | 3.90 | | | 73 | 133 | 19.31 | 3.6 | 1.40 | | |
| 12 | 866 | 121.42 | 8.5 | 0.90 | ZYR79 ZYRF79 | 4P | 78 | 125 | 18.05 | 3.6 | 1.50 | | |
| 14 | 734 | 102.99 | 10 | 1.05 | | | 90 | 108 | 15.60 | 3.5 | 1.70 | | |
| 15 | 663 | 92.97 | 10 | 1.20 | | | 106 | 91 | 13.25 | 3.3 | 1.90 | | |
| 17 | 583 | 81.80 | 11 | 1.35 | | | 118 | 82 | 11.83 | 3.3 | 2.10 | | |
| 18 | 551 | 77.24 | 11 | 1.40 | | | 138 | 70 | 10.11 | 3.1 | 2.20 | | |
| 21 | 469 | 65.77 | 11 | 1.65 | | | 148 | 65 | 9.47 | 3.1 | 2.30 | | |
| 24 | 411 | 57.68 | 12 | 1.90 | | | 176 | 55 | 7.97 | 2.9 | 2.60 | | |
| 27 | 371 | 52.07 | 12 | 2.10 | | | 210 | 46 | 6.67 | 2.8 | 2.90 | | |
| 31 | 327 | 45.81 | 12 | 2.40 | | | 247 | 39 | 5.67 | 2.7 | 3.30 | | |
| 32 | 308 | 43.26 | 12 | 2.50 | | | 277 | 35 | 5.06 | 2.6 | 3.50 | | |
| 38 | 263 | 36.83 | 12 | 3.00 | | | 72 | 134 | 19.35 | 2.3 | 0.90 | ZYR29 ZYRF29 | 4P |
| 42 | 239 | 33.47 | 12 | 3.30 | | | 77 | 125 | 18.08 | 2.3 | 0.95 | | |
| 16 | 614 | 86.11 | 6.5 | 0.95 | ZYR69 ZYRF69 | 4P | 90 | 108 | 15.63 | 2.2 | 1.10 | | |
| 19 | 529 | 74.17 | 7.6 | 1.10 | | | 105 | 92 | 13.28 | 2.2 | 1.30 | | |
| 20 | 497 | 69.75 | 8.0 | 1.15 | | | 118 | 82 | 11.86 | 2.1 | 1.45 | | |
| 23 | 437 | 61.26 | 8.5 | 1.30 | | | 138 | 70 | 10.13 | 2.1 | 1.60 | | |
| 25 | 406 | 56.89 | 8.7 | 1.40 | | | 172 | 56 | 8.16 | 1.9 | 1.90 | | |
| 27 | 368 | 51.56 | 8.9 | 1.55 | | | 183 | 53 | 7.63 | 1.9 | 1.95 | | |
| 30 | 330 | 46.29 | 9.2 | 1.75 | | | 212 | 45 | 6.59 | 1.8 | 2.10 | | |
| 35 | 284 | 39.88 | 9.4 | 1.95 | | | 250 | 39 | 5.60 | 1.7 | 2.40 | | |
| 37 | 267 | 37.50 | 9.5 | 2.00 | | | 280 | 35 | 5.00 | 1.7 | 2.50 | | |
| 43 | 230 | 32.27 | 10 | 2.20 | | | 328 | 29 | 4.27 | 1.6 | 2.70 | | |
| 49 | 206 | 28.83 | 10 | 2.40 | | | 350 | 28 | 4.00 | 1.6 | 2.80 | | |
| 50 | 201 | 28.13 | 10 | 2.60 | | | 415 | 23 | 3.37 | 1.5 | 3.10 | | |
| 52 | 190 | 26.72 | 10 | 2.70 | ZYR69 ZYRF69 | 4P | 213 | 45 | 13.28 | 1.9 | 2.50 | ZYR29 ZYRF29 | 2P |
| 60 | 167 | 23.44 | 9.2 | 3.20 | | | 239 | 41 | 11.86 | 1.8 | 2.80 | | |
| 70 | 142 | 19.89 | 8.8 | 4.00 | | | 279 | 35 | 10.13 | 1.7 | 3.10 | | |
| 20 | 493 | 69.23 | 5.7 | 0.85 | ZYR59 ZYRF59 | 4P | 301 | 32 | 9.41 | 1.7 | 3.30 | | |
| 22 | 462 | 64.85 | 6.5 | 0.90 | | | 347 | 28 | 8.16 | 1.6 | 3.70 | | |
| 24 | 408 | 57.29 | 6.4 | 1.05 | | | 371 | 26 | 7.63 | 1.6 | 3.80 | | |
| 26 | 379 | 53.22 | 6.3 | 1.15 | | | 429 | 23 | 6.59 | 1.5 | 4.10 | | |
| 29 | 344 | 48.23 | 6.2 | 1.25 | | | 505 | 19 | 5.60 | 1.5 | 4.50 | | |
| 32 | 309 | 43.30 | 6.0 | 1.40 | | | 566 | 17 | 5.00 | 1.4 | 4.90 | | |
| 38 | 266 | 37.30 | 5.8 | 1.60 | | | 663 | 15 | 4.27 | 1.4 | 5.20 | | |
| 40 | 250 | 35.07 | 5.8 | 1.70 | | | 708 | 14 | 4.00 | 1.3 | 5.40 | | |
| 46 | 215 | 30.18 | 5.6 | 2.00 | | | 840 | 12 | 3.37 | 1.3 | 6.00 | | |
| 52 | 192 | 26.97 | 5.4 | 2.20 | | | 144 | 67 | 19.71 | 1.1 | 1.10 | ZYR19 ZYRF19 | 2P |
| 53 | 188 | 26.31 | 5.4 | 2.30 | ZYR59 ZYRF59 | 4P | 167 | 58 | 16.99 | 1.1 | 1.30 | | |
| 56 | 178 | 24.99 | 5.3 | 2.40 | | | 179 | 54 | 15.84 | 1.1 | 1.40 | | |
| 64 | 156 | 21.93 | 5.1 | 2.70 | | | 204 | 47 | 13.84 | 1.1 | 1.60 | | |
| 75 | 133 | 18.60 | 4.9 | 3.20 | | | 218 | 44 | 12.98 | 1.1 | 1.70 | | |
| 83 | 120 | 16.79 | 4.8 | 3.60 | | | 247 | 39 | 11.45 | 1.0 | 1.80 | | |
| 29 | 340 | 47.75 | 3.3 | 0.85 | ZYR49 ZYRF49 | 4P | 279 | 35 | 10.15 | 1.0 | 1.95 | | |
| 33 | 306 | 42.87 | 4.6 | 0.95 | | | 328 | 29 | 8.63 | 1.0 | 2.10 | | |
| 38 | 263 | 36.93 | 4.5 | 1.10 | | | 375 | 26 | 7.55 | 0.9 | 1.90 | | |
| 40 | 248 | 34.73 | 4.4 | 1.15 | | | 402 | 24 | 7.04 | 0.9 | 2.00 | | |
| 47 | 213 | 29.88 | 4.3 | 1.35 | | | 460 | 21 | 6.15 | 0.9 | 2.30 | | |
| 52 | 190 | 26.70 | 4.2 | 1.50 | | | 491 | 20 | 5.76 | 0.9 | 2.40 | | |
| 61 | 163 | 22.81 | 4.1 | 1.70 | | | 556 | 17 | 5.09 | 0.9 | 2.60 | | |
| | | | | | | | 627 | 15 | 4.51 | 0.8 | 2.70 | | |
| | | | | | | | 739 | 13 | 3.83 | 0.8 | 3.00 | | |

选型参数表

(恒功率) 1.1kW-1.5kW

Selection Table

(Constant Power) 1.1kW-1.5kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|------|------------------|-------|-------------------------|------------|------------------|---------------|--------|------------------|-------|-------------------------|------------|
| 1.1kW | | | | | | | 1.5kW | | | | | | |
| 249 | 41 | 5.63 | 5.4 | 2.60 | ZYRX79 | 4P | 1.3 | 9632 | 1043 | 39 | 0.80 | ZYR139R79 ZYRF139R79 | 4P |
| 262 | 39 | 5.35 | 5.3 | 2.60 | ZYRXF79 | | 1.6 | 8200 | 888 | 50 | 0.95 | | |
| 296 | 35 | 4.73 | 5.1 | 3.50 | | | 2.0 | 6455 | 699 | 53 | 1.25 | | |
| 201 | 51 | 4.53 | 3.9 | 1.60 | ZYRX69 | 6P | 2.3 | 5624 | 609 | 55 | 1.40 | ZYR139R79 ZYRF139R79 | 4P |
| 212 | 48 | 4.30 | 3.9 | 1.65 | ZYRXF69 | | 1.3 | 1006 | 1090 | 31 | 0.80 | | |
| 241 | 42 | 3.77 | 3.7 | 2.00 | | | 1.5 | 8782 | 951 | 48 | 0.90 | | |
| 309 | 33 | 4.53 | 3.5 | 2.40 | ZYRX69 ZYRXF69 | 4P | 1.7 | 7674 | 831 | 51 | 1.05 | ZYR139R79 ZYRF139R79 | 4P |
| 326 | 31 | 4.30 | 3.4 | 2.50 | | | 1.9 | 6741 | 730 | 53 | 1.20 | | |
| 371 | 28 | 3.77 | 3.3 | 3.10 | | | 2.2 | 5809 | 629 | 55 | 1.35 | | |
| 438 | 23 | 3.20 | 3.1 | 4.20 | | | 2.5 | 5171 | 560 | 55 | 1.55 | | |
| 484 | 21 | 2.89 | 3.0 | 4.90 | | | 2.9 | 4525 | 490 | 56 | 1.75 | | |
| 551 | 19 | 2.54 | 2.9 | 6.20 | | | 3.3 | 3952 | 428 | 57 | 2.00 | | |
| 583 | 18 | 2.40 | 2.9 | 6.80 | | | 3.7 | 3518 | 381 | 57 | 2.25 | | |
| 686 | 15 | 2.04 | 2.7 | 8.80 | | | 4.3 | 2983 | 323 | 57 | 2.65 | | |
| 753 | 14 | 1.86 | 2.6 | 9.10 | | | 2.7 | 4876 | 528 | 20 | 0.90 | ZYR109R79 ZYRF109R79 | 4P |
| 870 | 12 | 1.61 | 2.5 | 9.40 | | | 2.6 | 5024 | 544 | 14 | 0.85 | ZYR109R79 ZYRF109R79 | 4P |
| 1000 | 10 | 1.40 | 2.4 | 9.90 | ZYRX59 ZYRXF59 | 6P | 2.8 | 4543 | 492 | 27 | 0.95 | | |
| 240 | 43 | 3.79 | 3.0 | 1.60 | | | 3.4 | 3851 | 417 | 30 | 1.10 | | |
| 256 | 40 | 3.55 | 2.9 | 1.70 | | | 3.8 | 3408 | 369 | 32 | 1.25 | ZYR109R79 ZYRF109R79 | 4P |
| 290 | 35 | 3.14 | 2.8 | 1.80 | ZYRX59 ZYRXF59 | 4P | 4.3 | 2983 | 323 | 33 | 1.45 | | |
| 313 | 33 | 2.91 | 2.8 | 2.00 | | | 3.0 | 4331 | 469 | 27 | 1.00 | ZYR109R79 ZYRF109R79 | 4P |
| 345 | 30 | 2.64 | 2.7 | 2.30 | | | 4.2 | 3103 | 336 | 14 | 0.95 | ZYR99R59 ZYRF99R59 | 4P |
| 369 | 28 | 3.79 | 2.6 | 2.40 | | | 4.7 | 2733 | 296 | 22 | 1.10 | | |
| 394 | 26 | 3.55 | 2.6 | 2.60 | | | 5.6 | 2299 | 249 | 24 | 1.30 | | |
| 446 | 23 | 3.14 | 2.5 | 2.80 | | | 6.0 | 2161 | 234 | 25 | 1.40 | ZYR109 ZYRF109 | 8P |
| 481 | 21 | 2.91 | 2.4 | 3.10 | | | 6.7 | 1930 | 209 | 25 | 1.55 | | |
| 530 | 19 | 2.64 | 2.4 | 3.50 | | | 3.0 | 4602 | 229.95 | 25 | 0.90 | | |
| 591 | 17 | 2.37 | 2.3 | 3.90 | | | 3.3 | 4066 | 203.16 | 29 | 1.05 | ZYR109 ZYRF109 | 6P |
| 686 | 15 | 2.04 | 2.2 | 4.50 | | | 3.9 | 3449 | 172.34 | 31 | 1.20 | | |
| 729 | 14 | 1.92 | 2.2 | 4.80 | | | 4.3 | 3176 | 158.68 | 32 | 1.30 | | |
| 848 | 12 | 1.65 | 2.1 | 5.60 | ZYR179R99 ZYRF179R99 | 4P | 3.7 | 3636 | 251.15 | 30 | 1.10 | ZYR109 ZYRF109 | 4P |
| 946 | 11 | 1.48 | 2.0 | 6.10 | | | 4.1 | 3329 | 229.95 | 31 | 1.20 | | |
| 1111 | 9.2 | 1.26 | 1.9 | 6.40 | | | 4.6 | 2941 | 203.16 | 33 | 1.35 | | |
| 0.32 | 40576 | 4394 | 128 | 0.9 | ZYR169R99 ZYRF169R99 | 4P | 5.5 | 2495 | 172.34 | 34 | 1.60 | ZYR99 ZYRF99 | 4P |
| 0.35 | 36476 | 3950 | 128 | 1.0 | | | 5.9 | 2297 | 158.68 | 34 | 1.75 | | |
| 0.41 | 31665 | 3429 | 128 | 1.2 | | | 6.6 | 2053 | 141.83 | 35 | 1.95 | | |
| 0.45 | 28609 | 3098 | 128 | 1.3 | | | 5.5 | 2486 | 255.71 | 22 | 1.15 | ZYR89 ZYRF89 | 4P |
| 0.48 | 26909 | 2914 | 128 | 1.4 | | | 5.8 | 2345 | 241.25 | 23 | 1.20 | | |
| 0.52 | 24767 | 2682 | 128 | 1.5 | | | 6.5 | 2102 | 216.28 | 24 | 1.35 | | |
| 0.61 | 21184 | 2294 | 128 | 1.7 | | | 7.5 | 1811 | 186.30 | 25 | 1.60 | ZYR89 ZYRF89 | 4P |
| 0.65 | 19928 | 2158 | 128 | 1.8 | | | 8.2 | 1653 | 170.02 | 26 | 1.75 | | |
| 0.76 | 17047 | 1846 | 128 | 2.1 | | | 9.3 | 1466 | 150.78 | 26 | 1.95 | | |
| 1.0 | 13252 | 1435 | 128 | 2.8 | ZYR149R99 ZYRF149R99 | 4P | 11 | 1232 | 126.75 | 27 | 2.30 | ZYR89 ZYRF89 | 4P |
| 1.2 | 10980 | 1189 | 128 | 3.3 | | | 12 | 1132 | 116.48 | 27 | 2.50 | | |
| 0.60 | 21544 | 2333 | 114 | 0.85 | | | 14 | 1005 | 103.44 | 27 | 2.80 | | |
| 0.67 | 19254 | 2085 | 114 | 0.95 | | | 15 | 899 | 92.48 | 27 | 3.20 | ZYR89 ZYRF89 | 4P |
| 0.75 | 17333 | 1877 | 114 | 1.05 | | | 7.7 | 1775 | 182.55 | 11 | 0.95 | | |
| 0.84 | 15422 | 1670 | 114 | 1.15 | | | 9.0 | 1517 | 156.01 | 16 | 1.00 | | |
| 0.97 | 13279 | 1438 | 114 | 1.35 | | | 9.8 | 1390 | 143.03 | 17 | 1.05 | ZYR89 ZYRF89 | 4P |
| 1.1 | 11811 | 1279 | 114 | 1.50 | | | 11 | 1220 | 125.51 | 18 | 1.20 | | |
| 1.2 | 10370 | 1123 | 114 | 1.75 | | | 12 | 1156 | 118.94 | 18 | 1.30 | | |
| 1.4 | 9225 | 999 | 114 | 1.95 | | | 13 | 1012 | 104.10 | 19 | 1.45 | ZYR89 ZYRF89 | 4P |
| 3.3 | 3934 | 426 | 70 | 3.30 | ZYR149R99 ZYRF149R99 | 4P | 15 | 912 | 93.78 | 19 | 1.65 | | |
| 3.8 | 3398 | 368 | 70 | 3.90 | | | 17 | 800 | 82.27 | 19 | 1.85 | | |
| 0.82 | 15745 | 1705 | 39 | 0.85 | | | 19 | 708 | 72.88 | 19 | 2.10 | ZYR89 ZYRF89 | 4P |
| 0.91 | 14184 | 1536 | 57 | 0.90 | | | 22 | 622 | 63.96 | 19 | 2.40 | | |
| 1.1 | 12273 | 1329 | 61 | 1.05 | | | 23 | 589 | 60.61 | 19 | 2.50 | | |
| 1.2 | 10767 | 1166 | 63 | 1.20 | | | 26 | 516 | 53.05 | 19 | 2.90 | ZYR89 ZYRF89 | 4P |
| 1.4 | 9502 | 1029 | 65 | 1.35 | | | 29 | 465 | 47.79 | 19 | 3.20 | | |
| 1.6 | 8209 | 889 | 67 | 1.60 | | | 33 | 407 | 41.92 | 19 | 3.70 | | |
| 1.8 | 7240 | 784 | 68 | 1.85 | | | 38 | 360 | 37.00 | 19 | 4.10 | | |
| 2.0 | 6418 | 695 | 68 | 2.05 | | | | | | | | | |
| 2.3 | 5716 | 619 | 69 | 2.30 | | | | | | | | | |
| 2.5 | 5153 | 558 | 69 | 2.55 | | | | | | | | | |

选型参数表

(恒功率) 1.5kW

Selection Table

(Constant Power) 1.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|-------------------|------------|
| 1.5kW | | | | | | | 1.5kW | | | | | | |
| 15 | 904 | 92.97 | 8.1 | 0.85 | ZYR79 ZYRF79 | 4P | 73 | 182 | 19.31 | 2.5 | 1.00 | ZYR39 ZYRF39 | 4P |
| 17 | 795 | 81.80 | 9.3 | 1.00 | | | 78 | 170 | 18.05 | 2.7 | 1.10 | | |
| 18 | 751 | 77.24 | 10 | 1.05 | | | 90 | 147 | 15.60 | 3.0 | 1.25 | | |
| 21 | 639 | 65.77 | 11 | 1.25 | | | 106 | 125 | 13.25 | 3.2 | 1.40 | | |
| 24 | 561 | 57.68 | 11 | 1.40 | | | 118 | 111 | 11.83 | 3.1 | 1.50 | | |
| 27 | 506 | 52.07 | 11 | 1.55 | | | 138 | 95 | 10.11 | 3.0 | 1.65 | | |
| 31 | 445 | 45.81 | 12 | 1.75 | | | 148 | 89 | 9.47 | 3.0 | 1.75 | | |
| 32 | 421 | 43.26 | 12 | 1.85 | | | 176 | 75 | 7.97 | 2.8 | 1.95 | | |
| 38 | 358 | 36.83 | 12 | 2.20 | | | 210 | 63 | 6.67 | 2.7 | 2.10 | | |
| 42 | 325 | 33.47 | 12 | 2.40 | | | 247 | 53 | 5.67 | 2.6 | 2.50 | | |
| 48 | 282 | 29.00 | 12 | 2.80 | ZYR79 ZYRF79 | 4P | 277 | 48 | 5.06 | 2.5 | 2.60 | ZYR39 ZYRF39 | 4P |
| 55 | 245 | 25.23 | 11 | 3.00 | | | 324 | 41 | 4.32 | 2.4 | 2.90 | | |
| 60 | 227 | 23.37 | 11 | 3.50 | | | 346 | 38 | 4.05 | 2.3 | 3.00 | | |
| 65 | 208 | 21.43 | 11 | 3.80 | | | 411 | 32 | 3.41 | 2.2 | 3.20 | | |
| 74 | 183 | 18.80 | 10 | 4.10 | | | 214 | 61 | 13.25 | 2.7 | 2.70 | | |
| 23 | 595 | 61.26 | 6.9 | 0.95 | | | 240 | 55 | 11.83 | 2.7 | 2.90 | | |
| 25 | 553 | 56.89 | 7.4 | 1.05 | | | 281 | 47 | 10.11 | 2.5 | 3.20 | | |
| 27 | 501 | 51.56 | 8.0 | 1.15 | | | 300 | 44 | 9.47 | 2.5 | 3.30 | | |
| 30 | 450 | 46.29 | 8.4 | 1.30 | | | 356 | 37 | 7.97 | 2.4 | 3.70 | | |
| 35 | 388 | 39.88 | 8.8 | 1.45 | | | 90 | 147 | 15.63 | 1.6 | 0.80 | ZYR29 ZYRF29 | 4P |
| 37 | 365 | 37.50 | 9.0 | 1.50 | ZYR69 ZYRF69 | 4P | 105 | 125 | 13.28 | 1.9 | 0.95 | | |
| 43 | 314 | 32.27 | 9.3 | 1.65 | | | 118 | 112 | 11.86 | 2.0 | 1.05 | | |
| 49 | 280 | 28.83 | 9.4 | 1.80 | | | 138 | 95 | 10.13 | 1.9 | 1.20 | | |
| 50 | 273 | 28.13 | 9.5 | 1.90 | | | 172 | 77 | 8.16 | 1.8 | 1.40 | | |
| 52 | 260 | 26.72 | 9.4 | 2.00 | | | 183 | 72 | 7.63 | 1.8 | 1.45 | | |
| 60 | 228 | 23.44 | 9.0 | 2.30 | | | 212 | 62 | 6.59 | 1.7 | 1.60 | | |
| 70 | 193 | 19.89 | 8.6 | 3.00 | | | 250 | 53 | 5.60 | 1.7 | 1.75 | | |
| 78 | 174 | 17.95 | 8.4 | 3.20 | | | 280 | 47 | 5.00 | 1.6 | 1.85 | | |
| 26 | 517 | 53.22 | 4.9 | 0.85 | | | 328 | 40 | 4.27 | 1.6 | 2.00 | | |
| 29 | 469 | 48.23 | 5.7 | 0.90 | ZYR59 ZYRF59 | 4P | 350 | 38 | 4.00 | 1.5 | 2.10 | | |
| 32 | 421 | 43.30 | 5.6 | 1.00 | | | 415 | 32 | 3.37 | 1.5 | 2.30 | | |
| 38 | 363 | 37.30 | 5.5 | 1.20 | | | 239 | 55 | 11.86 | 1.7 | 2.00 | ZYR29 ZYRF29 | 2P |
| 40 | 341 | 35.07 | 5.4 | 1.25 | | | 280 | 47 | 10.13 | 1.7 | 2.30 | | |
| 46 | 293 | 30.18 | 5.3 | 1.45 | | | 348 | 38 | 8.16 | 1.6 | 2.70 | | |
| 52 | 262 | 26.97 | 5.1 | 1.65 | | | 372 | 35 | 7.63 | 1.5 | 2.80 | | |
| 53 | 256 | 26.31 | 5.1 | 1.70 | | | 431 | 31 | 6.59 | 1.5 | 3.00 | | |
| 56 | 243 | 24.99 | 5.1 | 1.75 | | | 507 | 26 | 5.60 | 1.4 | 3.30 | | |
| 64 | 213 | 21.93 | 4.9 | 2.00 | | | 568 | 23 | 5.00 | 1.4 | 3.60 | | |
| 75 | 181 | 18.60 | 4.7 | 2.40 | | | 665 | 20 | 4.27 | 1.3 | 3.80 | | |
| 83 | 163 | 16.79 | 4.6 | 2.60 | | | 710 | 19 | 4.00 | 1.3 | 4.00 | | |
| 95 | 144 | 14.77 | 4.5 | 2.90 | | | 843 | 16 | 3.37 | 1.2 | 4.40 | | |
| 100 | 136 | 13.95 | 4.4 | 3.00 | ZYR59 ZYRF59 | 4P | 249 | 56 | 5.63 | 5.3 | 1.90 | ZYRX79 ZYRXF79 | 4P |
| 118 | 115 | 11.88 | 4.2 | 3.40 | | | 262 | 53 | 5.35 | 5.2 | 1.90 | | |
| 38 | 359 | 36.93 | 2.3 | 0.80 | | | 296 | 47 | 4.73 | 5.0 | 2.60 | | |
| 40 | 338 | 34.73 | 3.6 | 0.85 | | | 347 | 40 | 4.04 | 4.8 | 3.50 | | |
| 47 | 290 | 29.88 | 4.0 | 1.00 | | | 378 | 37 | 3.70 | 4.7 | 4.10 | | |
| 52 | 260 | 26.70 | 3.9 | 1.10 | | | 431 | 32 | 3.25 | 4.5 | 5.50 | | |
| 61 | 222 | 22.81 | 3.8 | 1.25 | | | 455 | 31 | 3.08 | 4.4 | 6.20 | | |
| 60 | 226 | 23.28 | 3.8 | 1.25 | | | 519 | 27 | 2.70 | 4.2 | 7.80 | | |
| 64 | 212 | 21.81 | 3.8 | 1.35 | | | 576 | 24 | 2.43 | 4.1 | 8.70 | | |
| 73 | 187 | 19.27 | 3.7 | 1.50 | ZYR49 ZYRF49 | 4P | 309 | 45 | 4.53 | 3.4 | 1.80 | ZYRX69 ZYRXF69 | 4P |
| 78 | 174 | 17.89 | 3.6 | 1.60 | | | 326 | 43 | 4.30 | 3.3 | 1.85 | | |
| 86 | 158 | 16.22 | 3.6 | 1.65 | | | 371 | 38 | 3.77 | 3.2 | 2.30 | | |
| 96 | 142 | 14.56 | 3.5 | 1.80 | | | 438 | 32 | 3.20 | 3.1 | 3.10 | | |
| 112 | 122 | 12.54 | 3.3 | 1.95 | | | 484 | 29 | 2.89 | 3.0 | 3.60 | | |
| 119 | 115 | 11.79 | 3.3 | 2.00 | | | 551 | 25 | 2.54 | 2.9 | 4.60 | | |
| 138 | 99 | 10.15 | 3.2 | 2.20 | | | 583 | 24 | 2.40 | 2.8 | 5.00 | | |
| 154 | 88 | 9.07 | 3.1 | 2.40 | | | 686 | 20 | 2.04 | 2.7 | 6.40 | | |
| 181 | 75 | 7.75 | 2.9 | 2.10 | | | 753 | 19 | 1.86 | 2.6 | 6.70 | | |
| 201 | 68 | 6.96 | 2.8 | 2.20 | | | 870 | 16 | 1.61 | 2.5 | 7.00 | | |
| 233 | 58 | 6.00 | 2.7 | 2.60 | ZYR49 ZYRF49 | 4P | 1000 | 14 | 1.40 | 2.4 | 7.30 | ZYRX59 ZYRXF59 | 4P |
| 248 | 55 | 5.64 | 2.7 | 2.70 | | | 369 | 38 | 3.79 | 2.6 | 1.80 | | |
| 289 | 47 | 4.85 | 2.6 | 3.00 | | | 394 | 35 | 3.55 | 2.5 | 1.90 | | |
| 323 | 42 | 4.34 | 2.5 | 3.30 | | | 446 | 31 | 3.14 | 2.4 | 2.00 | | |
| 378 | 36 | 3.70 | 2.4 | 3.70 | | | 481 | 29 | 2.91 | 2.4 | 2.30 | | |
| | | | | | | | 530 | 26 | 2.64 | 2.3 | 2.60 | | |

选型参数表

(恒功率) 1.5kW-2.2kW

Selection Table

(Constant Power) 1.5kW-2.2kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|------|------------------|-------|-----------------------------------|------------|------------------|---------------|--------|------------------|-------|---------------------------------|------------|
| 1.5kW | | | | | | | 2.2kW | | | | | | |
| 591 | 24 | 2.37 | 2.2 | 2.90 | ZYRX59 ZYRXF59 | 4P | 3.9 | 4893 | 369 | 11 | 0.85 | ZYR109R79 ZYRF109R79 | 4P |
| 686 | 20 | 2.04 | 2.1 | 3.30 | | | 4.4 | 4283 | 323 | 28 | 1.00 | | |
| 729 | 19 | 1.92 | 2.1 | 3.50 | | | 5.0 | 3779 | 285 | 34 | 1.15 | | |
| 848 | 16 | 1.65 | 2.0 | 4.10 | | | 5.7 | 3355 | 253 | 32 | 1.25 | | |
| 946 | 15 | 1.48 | 1.9 | 4.50 | | | 6.7 | 2838 | 214 | 34 | 1.50 | | |
| 1111 | 13 | 1.26 | 1.9 | 4.70 | | | 4.4 | 4309 | 325 | 27 | 1.00 | ZYR109R79 ZYRF109R79 | 4P |
| 2.2kW | | | | | | | 6.1 | 3103 | 234 | 11 | 0.95 | ZYR99R59 ZYRF99R59 | 4P |
| 0.43 | 44579 | 3362 | 128 | 0.8 | ZYR179R109 ZYRF179R109 | 4P | 6.8 | 2771 | 209 | 21 | 1.05 | ZYR99R59 ZYRF99R59 | 4P |
| 0.51 | 37141 | 2801 | 128 | 1.0 | | | 3.2 | 6258 | 222.60 | 53 | 1.20 | ZYR139 ZYRF139 | 8P |
| 0.58 | 32805 | 2474 | 128 | 1.1 | | | 3.8 | 5298 | 188.45 | 55 | 1.40 | | |
| 0.62 | 30763 | 2320 | 128 | 1.2 | | | 4.1 | 4903 | 174.40 | 55 | 1.55 | | |
| 0.69 | 27501 | 2074 | 128 | 1.3 | | | 4.5 | 4394 | 156.31 | 56 | 1.70 | | |
| 0.77 | 24756 | 1867 | 128 | 1.5 | | | 5.0 | 3967 | 141.12 | 57 | 1.90 | | |
| 0.85 | 22422 | 1691 | 128 | 1.6 | | | 5.5 | 3603 | 128.18 | 57 | 2.10 | | |
| 0.95 | 19876 | 1499 | 128 | 1.8 | | | 6.2 | 3197 | 113.72 | 57 | 2.30 | | |
| 1.1 | 17967 | 1355 | 128 | 2.0 | | | 6.9 | 2901 | 103.20 | 57 | 2.60 | | |
| 1.3 | 14970 | 1129 | 128 | 2.4 | | | 4.6 | 4314 | 203.16 | 27 | 0.95 | ZYR109 ZYRF109 | 6P |
| 1.3 | 14135 | 1066 | 128 | 2.6 | | | 5.5 | 3659 | 172.34 | 30 | 1.10 | | |
| 1.5 | 12716 | 959 | 128 | 2.9 | | | 5.9 | 3369 | 158.68 | 31 | 1.20 | | |
| 0.46 | 41079 | 3098 | 128 | 0.9 | ZYR179R99 ZYRF179R99 | 4P | 6.6 | 3012 | 141.83 | 33 | 1.35 | ZYR109 ZYRF109 | 4P |
| 0.49 | 38639 | 2914 | 128 | 0.9 | | | 5.7 | 3505 | 251.15 | 31 | 1.15 | | |
| 0.53 | 35563 | 2682 | 128 | 1.0 | | | 6.2 | 3210 | 229.95 | 32 | 1.25 | | |
| 0.62 | 30418 | 2294 | 128 | 1.2 | | | 7.0 | 2836 | 203.16 | 33 | 1.40 | | |
| 0.66 | 28615 | 2158 | 128 | 1.3 | | | 8.3 | 2405 | 172.34 | 34 | 1.65 | | |
| 0.77 | 24478 | 1846 | 128 | 1.5 | | | 9.0 | 2230 | 158.68 | 34 | 1.80 | | |
| 1.0 | 19028 | 1435 | 128 | 1.9 | | | 10 | 1980 | 141.83 | 35 | 2.00 | | |
| 1.2 | 15766 | 1189 | 128 | 2.3 | | | 11 | 1782 | 127.68 | 35 | 2.30 | | |
| 1.2 | 15302 | 1154 | 128 | 2.4 | ZYR169R99 ZYRF169R99 | 4P | 12 | 1614 | 115.63 | 35 | 2.50 | ZYR99 ZYRF99 | 4P |
| 1.5 | 12690 | 957 | 128 | 2.9 | | | 14 | 1431 | 102.53 | 35 | 2.80 | | |
| 0.86 | 22144 | 1670 | 114 | 0.80 | | | 15 | 1294 | 92.70 | 35 | 3.10 | | |
| 0.99 | 19068 | 1438 | 114 | 0.95 | | | 6.6 | 3019 | 216.28 | 6.7 | 0.95 | | |
| 1.1 | 16959 | 1279 | 114 | 1.05 | | | 7.7 | 2600 | 186.30 | 21 | 1.10 | | |
| 1.3 | 14891 | 1123 | 114 | 1.20 | | | 8.4 | 2373 | 170.02 | 23 | 1.20 | | |
| 1.4 | 13247 | 999 | 114 | 1.35 | ZYR149R89 ZYRF149R89 | 4P | 9.5 | 2105 | 150.78 | 24 | 1.35 | | |
| 1.7 | 11417 | 861 | 114 | 1.55 | | | 11 | 1769 | 126.75 | 25 | 1.60 | | |
| 1.9 | 10077 | 760 | 114 | 1.75 | | | 12 | 1626 | 116.48 | 26 | 1.75 | | |
| 2.2 | 8698 | 656 | 114 | 2.05 | | | 14 | 1444 | 103.44 | 26 | 1.95 | | |
| 2.7 | 7067 | 533 | 68 | 1.85 | | | 15 | 1291 | 92.48 | 26 | 2.20 | | |
| 3.1 | 6126 | 462 | 68 | 2.10 | ZYR149R79 ZYRF149R79 | 4P | 17 | 1161 | 83.15 | 27 | 2.40 | ZYR89 ZYRF89 | 4P |
| 3.4 | 5649 | 426 | 69 | 2.30 | | | 20 | 1007 | 72.17 | 27 | 2.80 | | |
| 3.9 | 4880 | 368 | 69 | 2.70 | | | 22 | 910 | 65.21 | 26 | 3.10 | | |
| 4.4 | 4323 | 326 | 70 | 3.05 | | | 24 | 836 | 59.92 | 26 | 3.40 | | |
| 1.2 | 15461 | 1166 | 37 | 0.85 | | | 27 | 743 | 53.21 | 25 | 3.80 | | |
| 1.4 | 13644 | 1029 | 58 | 0.95 | | | 30 | 664 | 47.58 | 24 | 4.20 | | |
| 1.6 | 11788 | 889 | 65 | 1.10 | | | 11 | 1752 | 125.51 | 10 | 0.85 | | |
| 1.8 | 10396 | 784 | 64 | 1.25 | | | 12 | 1660 | 118.94 | 14 | 0.90 | | |
| 2.1 | 9216 | 695 | 65 | 1.45 | ZYR139R79 ZYRF139R79 | 4P | 14 | 1453 | 104.10 | 16 | 1.00 | ZYR89 ZYRF89 | 4P |
| 2.3 | 8208 | 619 | 66 | 1.60 | | | 15 | 1309 | 93.78 | 17 | 1.10 | | |
| 2.6 | 7399 | 558 | 67 | 1.75 | | | 17 | 1148 | 82.27 | 18 | 1.25 | | |
| 2.9 | 6484 | 489 | 68 | 2.00 | | | 20 | 1017 | 72.88 | 19 | 1.45 | | |
| 2.0 | 9269 | 699 | 42 | 0.85 | | | 22 | 893 | 63.96 | 19 | 1.65 | | |
| 2.3 | 8075 | 609 | 50 | 0.95 | | | 24 | 846 | 60.61 | 19 | 1.70 | | |
| 2.0 | 9680 | 730 | 34 | 0.80 | | | 27 | 740 | 53.05 | 19 | 1.95 | | |
| 2.3 | 8340 | 629 | 49 | 0.95 | | | 30 | 667 | 47.79 | 19 | 2.20 | | |
| 2.6 | 7425 | 560 | 55 | 1.05 | | | 34 | 585 | 41.92 | 19 | 2.50 | | |
| 2.9 | 6497 | 490 | 53 | 1.20 | | | 39 | 516 | 37.00 | 18 | 2.80 | | |
| 3.3 | 5675 | 428 | 55 | 1.40 | ZYR139R79 ZYRF139R79 | 4P | 44 | 458 | 32.80 | 18 | 3.20 | | |
| 3.8 | 5052 | 381 | 55 | 1.55 | | | 41 | 482 | 34.55 | 18 | 2.90 | ZYR89 ZYRF89 | 4P |
| 4.4 | 4283 | 323 | 56 | 1.85 | | | 45 | 440 | 31.53 | 17 | 3.30 | | |
| 4.9 | 3859 | 291 | 57 | 2.05 | | | 51 | 390 | 27.96 | 17 | 3.70 | | |
| 5.6 | 3381 | 255 | 57 | 2.35 | | | 61 | 328 | 23.51 | 16 | 4.40 | | |
| 6.4 | 2957 | 223 | 57 | 2.70 | | | 66 | 301 | 21.60 | 16 | 4.70 | | |

选型参数表

(恒功率) 2.2kW

Selection Table

(Constant Power) 2.2kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|-------------------|------------|
| 2.2kW | | | | | | | 2.2kW | | | | | | |
| 22 | 918 | 65.77 | 5.2 | 0.85 | ZYR79 ZYRF79 | 4P | 122 | 164 | 23.28 | 3.1 | 1.70 | ZYR49 ZYRF49 | 2P |
| 25 | 805 | 57.68 | 9.1 | 0.95 | | | 130 | 153 | 21.81 | 3.1 | 1.80 | | |
| 27 | 727 | 52.07 | 10 | 1.05 | | | 147 | 135 | 19.27 | 3.0 | 2.00 | | |
| 31 | 639 | 45.81 | 10 | 1.20 | | | 159 | 126 | 17.89 | 2.9 | 2.10 | | |
| 33 | 604 | 43.26 | 11 | 1.25 | | | 175 | 114 | 16.22 | 2.9 | 2.20 | | |
| 39 | 514 | 36.83 | 11 | 1.50 | | | 195 | 102 | 14.56 | 2.8 | 2.40 | | |
| 43 | 467 | 33.47 | 11 | 1.65 | | | 226 | 88 | 12.54 | 2.7 | 2.60 | | |
| 49 | 405 | 29.00 | 11 | 1.90 | | | 241 | 83 | 11.79 | 2.7 | 2.70 | | |
| 57 | 352 | 25.23 | 11 | 2.10 | | | 280 | 71 | 10.15 | 2.6 | 2.90 | | |
| 61 | 326 | 23.37 | 11 | 2.30 | ZYR79 ZYRF79 | 4P | 313 | 64 | 9.07 | 2.5 | 3.20 | | |
| 67 | 299 | 21.43 | 11 | 2.60 | | | 366 | 54 | 7.75 | 2.4 | 3.30 | | |
| 76 | 262 | 18.80 | 10 | 2.80 | | | 92 | 211 | 15.60 | 1.0 | 0.85 | ZYR39 ZYRF39 | 4P |
| 80 | 249 | 17.82 | 10 | 2.90 | | | 108 | 179 | 13.25 | 1.6 | 0.95 | | |
| 92 | 218 | 15.60 | 10 | 3.20 | ZYR69 ZYRF69 | 4P | 121 | 160 | 11.83 | 1.9 | 1.05 | | |
| 102 | 196 | 14.05 | 9.4 | 3.40 | | | 141 | 137 | 10.11 | 2.2 | 1.15 | | |
| 36 | 557 | 39.88 | 7.2 | 1.00 | | | 151 | 128 | 9.47 | 2.4 | 1.20 | | |
| 38 | 523 | 37.50 | 7.6 | 1.00 | | | 179 | 108 | 7.97 | 2.6 | 1.30 | | |
| 44 | 450 | 32.27 | 8.3 | 1.10 | | | 214 | 90 | 6.67 | 2.3 | 1.45 | | |
| 50 | 402 | 28.83 | 8.7 | 1.20 | | | 252 | 77 | 5.67 | 2.4 | 1.70 | | |
| 61 | 327 | 23.44 | 8.7 | 1.60 | | | 283 | 68 | 5.06 | 2.4 | 1.80 | | |
| 72 | 278 | 19.89 | 8.3 | 2.00 | | | 331 | 58 | 4.32 | 2.3 | 1.95 | | |
| 80 | 251 | 17.95 | 8.1 | 2.20 | ZYR69 ZYRF69 | 4P | 353 | 55 | 4.05 | 2.3 | 2.00 | | |
| 91 | 220 | 15.79 | 7.8 | 2.40 | | | 419 | 46 | 3.41 | 2.2 | 2.20 | | |
| 96 | 208 | 14.91 | 7.7 | 2.50 | | | 147 | 131 | 19.31 | 2.3 | 1.35 | ZYR39 ZYRF39 | 2P |
| 113 | 177 | 12.70 | 7.4 | 2.80 | | | 157 | 123 | 18.05 | 2.4 | 1.45 | | |
| 124 | 161 | 11.54 | 7.2 | 2.90 | | | 182 | 106 | 15.60 | 2.6 | 1.65 | | |
| 143 | 140 | 10.00 | 6.9 | 3.20 | | | 214 | 90 | 13.25 | 2.6 | 1.85 | | |
| 164 | 121 | 8.70 | 6.6 | 3.40 | | | 240 | 81 | 11.83 | 2.5 | 2.00 | | |
| 184 | 109 | 7.79 | 6.4 | 3.30 | | | 281 | 69 | 10.11 | 2.4 | 2.20 | | |
| 38 | 521 | 37.30 | 4.3 | 0.80 | | | 300 | 64 | 9.47 | 2.4 | 2.30 | | |
| 41 | 489 | 35.07 | 4.9 | 0.85 | | | 356 | 54 | 7.97 | 2.3 | 2.50 | | |
| 47 | 421 | 30.18 | 4.8 | 1.00 | | | 426 | 45 | 6.67 | 2.2 | 2.80 | | |
| 53 | 376 | 26.97 | 4.7 | 1.10 | | | 501 | 39 | 5.67 | 2.1 | 3.30 | | |
| 65 | 306 | 21.93 | 4.6 | 1.40 | ZYR59 ZYRF59 | 4P | 561 | 34 | 5.06 | 2.0 | 3.50 | | |
| 77 | 260 | 18.60 | 4.4 | 1.60 | | | 657 | 29 | 4.32 | 1.9 | 3.80 | | |
| 85 | 234 | 16.79 | 4.3 | 1.80 | | | 701 | 28 | 4.05 | 1.9 | 3.90 | | |
| 97 | 206 | 14.77 | 4.2 | 2.00 | | | 833 | 23 | 3.41 | 1.8 | 4.30 | | |
| 103 | 195 | 13.95 | 4.2 | 2.10 | | | 141 | 137 | 10.13 | 1.1 | 0.80 | ZYR29 ZYRF29 | 4P |
| 120 | 166 | 11.88 | 4.0 | 2.30 | | | 217 | 89 | 6.59 | 1.1 | 1.10 | | |
| 133 | 151 | 10.79 | 3.9 | 2.40 | | | 255 | 76 | 5.60 | 1.3 | 1.20 | | |
| 153 | 131 | 9.35 | 3.8 | 2.70 | | | 286 | 68 | 5.00 | 1.5 | 1.30 | | |
| 158 | 126 | 9.06 | 3.8 | 2.80 | | | 335 | 58 | 4.27 | 1.5 | 1.35 | | |
| 179 | 111 | 7.97 | 3.7 | 3.00 | | | 358 | 54 | 4.00 | 1.4 | 1.45 | | |
| 108 | 185 | 26.31 | 4.2 | 2.20 | | | 424 | 46 | 3.37 | 1.4 | 1.55 | | |
| 114 | 176 | 24.99 | 4.1 | 2.30 | ZYR59 ZYRF59 | 2P | 214 | 90 | 13.28 | 1.6 | 1.25 | ZYR29 ZYRF29 | 2P |
| 130 | 154 | 21.93 | 4.0 | 2.70 | | | 239 | 81 | 11.86 | 1.6 | 1.40 | | |
| 153 | 131 | 18.60 | 3.8 | 3.10 | | | 280 | 69 | 10.13 | 1.6 | 1.55 | | |
| 169 | 118 | 16.79 | 3.7 | 3.50 | | | 348 | 56 | 8.16 | 1.5 | 1.85 | | |
| 192 | 104 | 14.77 | 3.6 | 3.80 | | | 372 | 52 | 7.63 | 1.4 | 1.90 | | |
| 204 | 98 | 13.95 | 3.6 | 4.00 | | | 431 | 45 | 6.59 | 1.4 | 2.10 | | |
| 74 | 269 | 19.27 | 3.4 | 1.05 | ZYR49 ZYRF49 | 4P | 507 | 38 | 5.60 | 1.3 | 2.30 | | |
| 88 | 226 | 16.22 | 3.3 | 1.15 | | | 568 | 34 | 5.00 | 1.3 | 2.50 | | |
| 98 | 203 | 14.56 | 3.2 | 1.20 | | | 665 | 29 | 4.27 | 1.3 | 2.60 | | |
| 114 | 175 | 12.54 | 3.1 | 1.35 | | | 710 | 27 | 4.00 | 1.2 | 2.80 | | |
| 121 | 165 | 11.79 | 3.1 | 1.40 | | | 843 | 23 | 3.37 | 1.2 | 3.00 | | |
| 141 | 142 | 10.15 | 3.0 | 1.50 | | | 302 | 68 | 4.73 | 4.9 | 1.75 | ZYRX79 ZYRFX79 | 4P |
| 158 | 127 | 9.07 | 2.9 | 1.65 | | | 354 | 58 | 4.04 | 4.7 | 2.40 | | |
| 185 | 108 | 7.75 | 2.8 | 1.40 | | | 386 | 53 | 3.70 | 4.6 | 2.80 | | |
| 205 | 97 | 6.96 | 2.7 | 1.55 | | | 440 | 47 | 3.25 | 4.4 | 3.80 | | |
| 238 | 84 | 6.00 | 2.6 | 1.75 | | | 464 | 44 | 3.08 | 4.3 | 4.20 | | |
| 254 | 79 | 5.64 | 2.6 | 1.85 | | | 530 | 39 | 2.70 | 4.2 | 5.30 | | |
| 295 | 68 | 4.85 | 2.5 | 2.10 | | | 588 | 35 | 2.43 | 4.0 | 5.90 | | |
| 329 | 61 | 4.34 | 2.4 | 2.30 | | | 671 | 31 | 2.13 | 3.9 | 6.30 | | |
| 386 | 52 | 3.70 | 2.3 | 2.50 | | | 761 | 27 | 1.88 | 3.7 | 6.70 | | |
| | | | | | | | 856 | 24 | 1.67 | 3.6 | 7.00 | | |
| | | | | | | | 1007 | 20 | 1.42 | 3.4 | 7.30 | | |

选型参数表

(恒功率) 2.2kW-3kW

Selection Table

(Constant Power) 2.2kW-3kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|------|------------------|-------|---------------------------|------------|------------------|---------------|--------|-------------------|-------|-------------------------|------------|
| 2.2kW | | | | | | | 3kW | | | | | | |
| 379 | 54 | 3.77 | 3.1 | 1.55 | ZYRX69 ZYRXF69 | 4P | 2.8 | 9348 | 517 | 35 | 0.85 | ZYR139R79 | 4P |
| 447 | 46 | 3.20 | 3.0 | 2.10 | | | 3.2 | 8191 | 453 | 49 | 0.95 | ZYRF139R79 | |
| 495 | 41 | 2.89 | 2.9 | 2.50 | | | 5.7 | 4575 | 253 | 25 | 0.95 | ZYR109R79 | 4P |
| 563 | 36 | 2.54 | 2.8 | 3.10 | | | 6.7 | 3869 | 214 | 29 | 1.10 | ZYRF109R79 | |
| 596 | 34 | 2.40 | 2.7 | 3.40 | | | 7.6 | 3381 | 187 | 32 | 1.25 | ZYR109R79 ZYRF109R79 | 4P |
| 701 | 29 | 2.04 | 2.6 | 4.40 | | | 5.6 | 4629 | 256 | 19 | 0.90 | | |
| 769 | 27 | 1.86 | 2.5 | 4.60 | | | 3.2 | 8533 | 222.60 | 48 | 0.90 | ZYR139 ZYRF139 | 8P |
| 888 | 23 | 1.61 | 2.4 | 4.80 | | | 3.8 | 7224 | 188.45 | 52 | 1.05 | | |
| 1021 | 20 | 1.40 | 2.3 | 5.00 | 4.1 | 6686 | 174.40 | 53 | 1.15 | | | | |
| 455 | 45 | 3.14 | 2.3 | 1.40 | 4.5 | 5992 | 156.31 | 54 | 1.30 | | | | |
| 542 | 38 | 2.64 | 2.2 | 1.75 | 5.0 | 5410 | 141.12 | 55 | 1.40 | | | | |
| 603 | 34 | 2.37 | 2.2 | 1.95 | 5.5 | 4914 | 128.18 | 55 | 1.55 | | | | |
| 701 | 29 | 2.04 | 2.1 | 2.30 | 6.2 | 4359 | 113.72 | 56 | 1.75 | | | | |
| 745 | 28 | 1.92 | 2.0 | 2.40 | 6.9 | 3956 | 103.20 | 56 | 1.95 | | | | |
| 867 | 24 | 1.65 | 2.0 | 2.80 | 8.0 | 3400 | 88.70 | 57 | 2.30 | ZYR139 ZYRF139 | 6P | | |
| 966 | 21 | 1.48 | 1.9 | 3.10 | 4.3 | 6311 | 222.60 | 53 | 1.20 | | | | |
| 1135 | 18 | 1.26 | 1.8 | 3.20 | 5.1 | 5343 | 188.45 | 55 | 1.40 | | | | |
| 0.62 | 41949 | 2320 | 128 | 0.85 | 5.5 | 4945 | 174.40 | 55 | 1.50 | | | | |
| 0.69 | 37501 | 2074 | 128 | 0.95 | 6.1 | 4432 | 156.31 | 56 | 1.70 | | | | |
| 0.77 | 33758 | 1867 | 128 | 1.05 | 6.8 | 4001 | 141.12 | 56 | 1.85 | | | | |
| 0.85 | 30576 | 1691 | 128 | 1.15 | 7.5 | 3634 | 128.18 | 57 | 2.00 | | | | |
| 0.95 | 27104 | 1499 | 128 | 1.30 | 8.4 | 3224 | 113.72 | 57 | 2.30 | | | | |
| 1.1 | 24501 | 1355 | 128 | 1.40 | 9.3 | 2926 | 103.20 | 57 | 2.50 | ZYR109 ZYRF109 | 6P | | |
| 1.3 | 20414 | 1129 | 128 | 1.60 | 6.0 | 4499 | 158.68 | 21 | 0.90 | | | | |
| 1.3 | 19275 | 1066 | 128 | 1.80 | 6.8 | 4021 | 141.83 | 28 | 1.00 | | | | |
| 1.5 | 17340 | 959 | 128 | 2.00 | 7.5 | 3620 | 127.68 | 30 | 1.10 | | | | |
| 1.8 | 14447 | 799 | 128 | 2.25 | ZYR179R109 ZYRF179R109 | 4P | 6.2 | 4377 | 229.95 | 25 | 0.90 | ZYR109 ZYRF109 | 4P |
| 1.9 | 13923 | 770 | 128 | 2.50 | | | 7.0 | 3867 | 203.16 | 29 | 1.05 | | |
| 2.1 | 12585 | 696 | 128 | 2.75 | | | 8.3 | 3280 | 172.34 | 31 | 1.20 | | |
| 0.62 | 41479 | 2294 | 128 | 0.80 | | | 9.0 | 3020 | 158.68 | 32 | 1.30 | | |
| 0.66 | 39020 | 2158 | 128 | 0.90 | | | 10 | 2699 | 141.83 | 34 | 1.50 | | |
| 0.77 | 33379 | 1846 | 128 | 1.00 | | | 11 | 2430 | 127.68 | 34 | 1.65 | | |
| 1.0 | 25947 | 1435 | 128 | 1.30 | | | 12 | 2201 | 115.63 | 34 | 1.80 | | |
| 1.2 | 21499 | 1189 | 128 | 1.50 | | | 14 | 1951 | 102.53 | 35 | 2.00 | | |
| 1.2 | 20866 | 1154 | 128 | 1.60 | 15 | 1764 | 92.70 | 35 | 2.30 | ZYR99 ZYRF99 | 4P | | |
| 1.5 | 17304 | 957 | 128 | 1.85 | 18 | 1495 | 78.57 | 34 | 2.70 | | | | |
| 1.9 | 13887 | 768 | 128 | 2.30 | 20 | 1387 | 72.88 | 33 | 2.90 | | | | |
| 2.0 | 12838 | 710 | 128 | 2.60 | 9.5 | 2870 | 150.78 | 15 | 0.95 | | | | |
| 1.3 | 20306 | 1123 | 114 | 0.90 | 11 | 2412 | 126.75 | 22 | 1.15 | | | | |
| 1.4 | 18063 | 999 | 114 | 1.00 | 12 | 2217 | 116.48 | 23 | 1.25 | | | | |
| 1.7 | 15568 | 861 | 114 | 1.15 | 14 | 1969 | 103.44 | 25 | 1.40 | | | | |
| 1.9 | 13742 | 760 | 114 | 1.30 | 15 | 1760 | 92.48 | 25 | 1.60 | | | | |
| 2.2 | 11862 | 656 | 114 | 1.50 | 17 | 1583 | 83.15 | 26 | 1.75 | ZYR89 ZYRF89 | 4P | | |
| 2.8 | 9095 | 503 | 114 | 1.95 | 20 | 1374 | 72.17 | 26 | 2.00 | | | | |
| 2.7 | 9637 | 533 | 65 | 1.35 | 22 | 1241 | 65.21 | 26 | 2.20 | | | | |
| 3.1 | 8354 | 462 | 66 | 1.55 | 24 | 1140 | 59.92 | 25 | 2.50 | | | | |
| 3.4 | 7703 | 426 | 67 | 1.65 | 27 | 1013 | 53.21 | 24 | 2.80 | | | | |
| 3.9 | 6654 | 368 | 68 | 1.95 | 30 | 906 | 47.58 | 24 | 3.10 | | | | |
| 4.4 | 5895 | 326 | 69 | 2.25 | 33 | 814 | 42.78 | 23 | 3.40 | | | | |
| 5.1 | 5063 | 280 | 69 | 2.55 | 39 | 707 | 37.13 | 22 | 4.00 | | | | |
| 1.6 | 16075 | 889 | 25 | 0.80 | 43 | 633 | 33.25 | 21 | 4.20 | ZYR89 ZYRF89 | 4P | | |
| 1.8 | 14176 | 784 | 52 | 0.95 | 15 | 1785 | 93.78 | 3.4 | 0.80 | | | | |
| 2.1 | 12567 | 695 | 60 | 1.05 | 17 | 1566 | 82.27 | 15 | 0.90 | | | | |
| 2.3 | 11192 | 619 | 62 | 1.15 | 20 | 1387 | 72.88 | 17 | 1.05 | | | | |
| 2.6 | 10090 | 558 | 64 | 1.30 | 22 | 1217 | 63.96 | 17 | 1.20 | | | | |
| 2.9 | 8860 | 490 | 46 | 0.90 | 24 | 1154 | 60.61 | 18 | 1.25 | | | | |
| 3.3 | 7739 | 428 | 51 | 1.00 | 27 | 1010 | 53.05 | 19 | 1.45 | | | | |
| 3.8 | 6889 | 381 | 52 | 1.15 | 30 | 910 | 47.79 | 19 | 1.60 | | | | |
| 4.4 | 5840 | 323 | 54 | 1.35 | 34 | 798 | 41.92 | 18 | 1.80 | ZYR89 ZYRF89 | 4P | | |
| 4.9 | 5262 | 291 | 55 | 1.50 | 39 | 704 | 37.00 | 18 | 2.10 | | | | |
| 5.6 | 4611 | 255 | 56 | 1.70 | 44 | 624 | 32.80 | 17 | 2.30 | | | | |
| 6.4 | 4032 | 223 | 56 | 2.00 | 51 | 533 | 28.00 | 17 | 2.60 | | | | |

选型参数表

(恒功率) 3kW

Selection Table

(Constant Power) 3kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|-------------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|---------------------------|------------|
| 3kW | | | | | | | 3kW | | | | | | |
| 41 | 658 | 34.55 | 17 | 2.10 | ZYR89 ZYRF89 | 4P | 158 | 173 | 9.07 | 2.8 | 1.20 | ZYR49 ZYRF49 | 4P |
| 45 | 600 | 31.53 | 17 | 2.40 | | | 185 | 148 | 7.75 | 2.6 | 1.05 | | |
| 51 | 532 | 27.96 | 17 | 2.70 | | | 205 | 132 | 6.96 | 2.5 | 1.10 | | |
| 61 | 447 | 23.51 | 16 | 3.20 | | | 238 | 114 | 6.00 | 2.5 | 1.25 | | |
| 66 | 411 | 21.60 | 15 | 3.40 | | | 254 | 107 | 5.64 | 2.5 | 1.34 | | |
| 75 | 365 | 19.18 | 15 | 3.70 | | | 295 | 92 | 4.85 | 2.4 | 1.50 | | |
| 83 | 326 | 17.15 | 14 | 4.00 | | | 329 | 83 | 4.34 | 2.3 | 1.65 | | |
| 93 | 293 | 15.42 | 14 | 4.30 | | | 386 | 70 | 3.70 | 2.2 | 1.85 | | |
| 31 | 872 | 45.81 | 8.2 | 0.85 | ZYR79 ZYRF79 | 4P | 243 | 112 | 11.79 | 2.5 | 2.00 | ZYR49 ZYRF49 | 2P |
| 33 | 823 | 43.26 | 8.8 | 0.95 | | | 283 | 96 | 10.15 | 2.5 | 2.20 | | |
| 39 | 701 | 36.83 | 10 | 1.10 | | | 316 | 86 | 9.07 | 2.4 | 2.40 | | |
| 43 | 637 | 33.47 | 10 | 1.20 | | | 370 | 73 | 7.75 | 2.3 | 2.10 | | |
| 49 | 552 | 29.00 | 11 | 1.40 | | | 412 | 66 | 6.96 | 2.2 | 2.20 | | |
| 57 | 480 | 25.23 | 11 | 1.50 | | | 478 | 57 | 6.00 | 2.1 | 2.50 | | |
| 61 | 445 | 23.37 | 11 | 1.70 | ZYR79 ZYRF79 | 4P | 509 | 53 | 5.64 | 2.1 | 2.70 | | |
| 67 | 408 | 21.43 | 10 | 1.85 | | | 592 | 46 | 4.85 | 2.0 | 3.00 | | |
| 76 | 358 | 18.80 | 10 | 2.00 | | | 661 | 41 | 4.34 | 1.9 | 3.30 | | |
| 80 | 339 | 17.82 | 10 | 2.10 | | | 776 | 35 | 3.70 | 1.9 | 3.70 | | |
| 92 | 297 | 15.60 | 9.5 | 2.30 | | | 141 | 186 | 10.11 | 0.7 | 0.80 | ZYR39 ZYRF39 | 4P |
| 102 | 267 | 14.05 | 9.2 | 2.50 | | | 151 | 175 | 9.47 | 1.0 | 0.85 | | |
| 116 | 235 | 12.33 | 8.9 | 2.70 | | | 179 | 147 | 7.97 | 1.4 | 0.95 | | |
| 131 | 207 | 10.88 | 8.6 | 3.00 | | | 214 | 123 | 6.67 | 1.2 | 1.05 | | |
| 148 | 183 | 9.64 | 8.3 | 3.20 | | | 252 | 105 | 5.67 | 1.5 | 1.25 | | |
| 166 | 163 | 8.59 | 8.1 | 3.60 | | | 283 | 93 | 5.06 | 1.7 | 1.30 | | |
| 185 | 147 | 7.74 | 7.8 | 3.80 | | | 331 | 80 | 4.32 | 2.0 | 1.45 | | |
| 211 | 129 | 6.79 | 7.5 | 4.20 | | | 353 | 75 | 4.05 | 2.0 | 1.45 | | |
| 61 | 446 | 23.44 | 8.3 | 1.15 | ZYR69 ZYRF69 | 4P | 419 | 63 | 3.41 | 2.1 | 1.60 | ZYR39 ZYRF39 | 2P |
| 72 | 379 | 19.89 | 8.0 | 1.45 | | | 284 | 93 | 10.11 | 2.2 | 1.65 | | |
| 80 | 342 | 17.95 | 7.8 | 1.60 | | | 303 | 87 | 9.47 | 2.3 | 1.70 | | |
| 91 | 301 | 15.79 | 7.6 | 1.75 | | | 360 | 73 | 7.97 | 2.2 | 1.90 | | |
| 96 | 284 | 14.91 | 7.5 | 1.80 | | | 430 | 61 | 6.67 | 2.1 | 2.10 | | |
| 113 | 242 | 12.70 | 7.2 | 2.00 | | | 506 | 52 | 5.67 | 2.0 | 2.50 | | |
| 124 | 220 | 11.54 | 7.0 | 2.10 | | | 567 | 46 | 5.06 | 1.9 | 2.60 | | |
| 143 | 190 | 10.00 | 6.7 | 2.30 | | | 664 | 40 | 4.32 | 1.9 | 2.80 | | |
| 53 | 513 | 26.97 | 4.1 | 0.80 | ZYR59 ZYRF59 | 4P | 709 | 37 | 4.05 | 1.8 | 3.00 | | |
| 65 | 417 | 21.93 | 4.2 | 1.00 | ZYR59 ZYRF59 | 4P | 842 | 31 | 3.41 | 1.7 | 3.20 | ZYR29 ZYRF29 | 4P |
| 77 | 354 | 18.60 | 4.1 | 1.20 | | | 255 | 103 | 5.60 | 0.3 | 0.85 | | |
| 85 | 320 | 16.79 | 4.0 | 1.30 | | | 286 | 92 | 5.00 | 0.6 | 0.95 | | |
| 97 | 281 | 14.77 | 4.0 | 1.45 | | | 335 | 79 | 4.27 | 0.9 | 1.00 | | |
| 103 | 266 | 13.95 | 3.9 | 1.50 | | | 358 | 74 | 4.00 | 1.0 | 1.05 | ZYR29 ZYRF29 | 2P |
| 120 | 226 | 11.88 | 3.8 | 1.65 | | | 424 | 62 | 3.37 | 1.2 | 1.15 | | |
| 133 | 205 | 10.79 | 3.7 | 1.75 | | | 436 | 61 | 6.59 | 1.2 | 1.55 | | |
| 153 | 178 | 9.35 | 3.6 | 1.95 | | | 513 | 51 | 5.60 | 1.3 | 1.75 | | |
| 158 | 172 | 9.06 | 3.6 | 2.00 | | | 574 | 46 | 5.00 | 1.2 | 1.85 | | |
| 179 | 152 | 7.97 | 3.5 | 2.20 | | | 672 | 39 | 4.27 | 1.2 | 2.00 | | |
| 190 | 143 | 7.53 | 3.5 | 2.30 | | | 718 | 37 | 4.00 | 1.2 | 2.10 | | |
| 223 | 122 | 6.41 | 3.3 | 2.60 | | | 852 | 31 | 3.37 | 1.1 | 2.30 | ZYRX89 ZYRXF89 | 4P |
| 246 | 111 | 5.82 | 3.3 | 2.70 | | | 222 | 126 | 6.45 | 6.8 | 1.45 | | |
| 283 | 96 | 5.05 | 3.1 | 3.00 | | | 257 | 109 | 5.56 | 6.5 | 2.00 | | |
| 326 | 84 | 4.39 | 3.0 | 3.10 | | | 282 | 99 | 5.07 | 6.3 | 2.40 | | |
| 131 | 208 | 21.93 | 3.8 | 2.00 | ZYR59 ZYRF59 | 2P | 318 | 88 | 4.50 | 6.1 | 3.20 | ZYRX79 ZYRXF79 | 4P |
| 154 | 176 | 18.60 | 3.6 | 2.40 | | | 378 | 74 | 3.78 | 5.8 | 3.90 | | |
| 171 | 159 | 16.79 | 3.5 | 2.60 | | | 302 | 92 | 4.73 | 4.8 | 1.25 | | |
| 194 | 140 | 14.77 | 3.4 | 2.90 | | | 354 | 79 | 4.04 | 4.6 | 1.75 | | |
| 206 | 132 | 13.95 | 3.4 | 3.00 | | | 386 | 72 | 3.70 | 4.5 | 2.00 | | |
| 242 | 113 | 11.88 | 3.3 | 3.30 | | | 440 | 63 | 3.25 | 4.3 | 2.70 | | |
| 266 | 102 | 10.79 | 3.2 | 3.50 | | | 464 | 60 | 3.08 | 4.3 | 3.10 | ZYRX69 ZYRXF69 | 4P |
| 88 | 309 | 16.22 | 1.9 | 0.85 | ZYR49 ZYRF49 | 4P | 379 | 74 | 3.77 | 3.0 | 1.15 | | |
| 98 | 277 | 14.56 | 2.4 | 0.90 | | | 447 | 63 | 3.20 | 2.9 | 1.55 | | |
| 114 | 239 | 12.54 | 2.9 | 0.95 | | | 495 | 56 | 2.89 | 2.8 | 1.80 | | |
| 121 | 224 | 11.79 | 2.9 | 1.00 | | | 563 | 50 | 2.54 | 2.7 | 2.30 | | |
| 141 | 193 | 10.15 | 2.8 | 1.10 | | | | | | | | | |

选型参数表

(恒功率) 3kW-4kW

Selection Table

(Constant Power) 3kW-4kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|------|------------------|-------|-------------------------|------------|------------------|---------------|--------|-------------------|-------|-------------------------|------------|
| 3kW | | | | | | | 4kW | | | | | | |
| 596 | 47 | 2.40 | 2.7 | 2.50 | ZYRX69 ZYRXF69 | 4P | 3.8 | 9002 | 376 | 43 | 0.90 | ZYR139R79 ZYRF139R79 | 4P |
| 701 | 40 | 2.04 | 2.6 | 3.20 | | | 4.2 | 8116 | 339 | 49 | 0.95 | | |
| 769 | 36 | 1.86 | 2.5 | 3.30 | | | 4.8 | 7111 | 297 | 52 | 1.10 | | |
| 888 | 31 | 1.61 | 2.4 | 3.50 | | | 7.7 | 4477 | 187 | 26 | 0.95 | ZYR109R79 ZYRF109R79 | 4P |
| 1021 | 27 | 1.40 | 2.3 | 3.60 | | | 7.5 | 4621 | 193 | 20 | 0.95 | ZYR109R79 ZYRF109R79 | 4P |
| 455 | 61 | 3.14 | 2.2 | 1.00 | ZYRX59 ZYRXF59 | 4P | 8.4 | 4118 | 172 | 28 | 1.05 | ZYR109R79 ZYRF109R79 | 4P |
| 542 | 52 | 2.64 | 2.1 | 1.30 | | | 4.4 | 8231 | 163.31 | 66 | 1.50 | ZYR149 ZYRF149 | 8P |
| 603 | 46 | 2.37 | 2.1 | 1.40 | | | 4.9 | 7405 | 146.91 | 67 | 1.65 | | |
| 701 | 40 | 2.04 | 2.0 | 1.65 | | | 6.0 | 6041 | 119.86 | 68 | 2.00 | | |
| 745 | 38 | 1.92 | 2.0 | 1.75 | | | 6.6 | 5510 | 109.31 | 69 | 2.20 | | |
| 867 | 32 | 1.65 | 1.9 | 2.00 | | | 4.1 | 8790 | 174.40 | 46 | 0.85 | ZYR139 ZYRF139 | 8P |
| 966 | 29 | 1.48 | 1.8 | 2.20 | | | 4.6 | 7878 | 156.31 | 50 | 0.95 | | |
| 1135 | 25 | 1.26 | 1.8 | 2.40 | | | 5.1 | 7113 | 141.12 | 52 | 1.05 | | |
| | | | | | | | 5.6 | 6461 | 128.18 | 53 | 1.20 | | |
| | | | | | 6.3 | 5732 | 113.72 | 54 | 1.35 | | | | |
| | | | | | 7.0 | 5202 | 103.20 | 55 | 1.45 | | | | |
| 4kW | | | | | | | 4.3 | 8415 | 222.60 | 48 | 0.90 | ZYR139 ZYRF139 | 6P |
| 0.85 | 43008 | 1691 | 128 | 0.85 | 5.1 | 7124 | 188.45 | 52 | 1.05 | | | | |
| 0.96 | 38147 | 1499 | 128 | 0.95 | 5.5 | 6593 | 174.40 | 53 | 1.15 | | | | |
| 1.06 | 34487 | 1355 | 128 | 1.05 | 6.1 | 5909 | 156.31 | 54 | 1.30 | | | | |
| 1.28 | 30613 | 1129 | 128 | 1.20 | 6.8 | 5335 | 141.12 | 55 | 1.40 | | | | |
| 1.35 | 27114 | 1066 | 128 | 1.35 | 7.5 | 4845 | 128.18 | 55 | 1.55 | | | | |
| 1.50 | 24416 | 959 | 128 | 1.50 | 8.4 | 4299 | 113.72 | 56 | 1.75 | | | | |
| 1.80 | 21664 | 799 | 128 | 1.70 | 9.3 | 3901 | 103.20 | 56 | 1.95 | | | | |
| 1.87 | 19608 | 770 | 128 | 1.85 | 11 | 3353 | 88.70 | 57 | 2.30 | | | | |
| 2.07 | 17711 | 696 | 128 | 2.05 | 8.4 | 4343 | 172.34 | 26 | 0.95 | ZYR109 ZYRF109 | 4P | | |
| 2.44 | 15013 | 590 | 128 | 2.45 | 9.1 | 3999 | 158.68 | 28 | 1.00 | | | | |
| 2.93 | 13330 | 492 | 128 | 2.75 | 10 | 3574 | 141.83 | 30 | 1.15 | | | | |
| 1.00 | 37855 | 1435 | 128 | 0.95 | 11 | 3218 | 127.68 | 32 | 1.25 | | | | |
| 1.21 | 32443 | 1189 | 128 | 1.15 | 12 | 2914 | 115.63 | 33 | 1.40 | | | | |
| 1.25 | 30454 | 1154 | 128 | 1.20 | 14 | 2584 | 102.53 | 34 | 1.55 | | | | |
| 1.50 | 26103 | 957 | 128 | 1.40 | 16 | 2336 | 92.70 | 34 | 1.70 | | | | |
| 1.9 | 20957 | 768 | 128 | 1.75 | 18 | 1980 | 78.57 | 33 | 2.00 | | | | |
| 2.0 | 18729 | 710 | 128 | 1.95 | 20 | 1837 | 72.88 | 32 | 2.20 | | | | |
| 2.6 | 14192 | 563 | 128 | 2.60 | 22 | 1653 | 65.60 | 32 | 2.40 | | | | |
| 3.0 | 12707 | 481 | 128 | 2.90 | 24 | 1497 | 59.41 | 31 | 2.70 | | | | |
| 1.7 | 20613 | 861 | 114 | 0.85 | 27 | 1328 | 52.68 | 30 | 3.00 | | | ZYR99 ZYRF99 | 4P |
| 1.9 | 18195 | 760 | 114 | 0.95 | 12 | 2935 | 116.48 | 13 | 0.95 | | | | |
| 2.2 | 15706 | 656 | 114 | 1.15 | 14 | 2607 | 103.44 | 21 | 1.10 | | | | |
| 2.9 | 12042 | 503 | 114 | 1.45 | 16 | 2331 | 92.48 | 23 | 1.20 | | | | |
| 3.8 | 9026 | 377 | 114 | 2.00 | 17 | 2095 | 83.15 | 24 | 1.35 | | | | |
| 4.3 | 8020 | 335 | 114 | 2.20 | 20 | 1819 | 72.17 | 25 | 1.55 | | | | |
| 2.7 | 12761 | 533 | 59 | 1.00 | 22 | 1643 | 65.21 | 25 | 1.70 | | | | |
| 3.1 | 11061 | 462 | 63 | 1.20 | 24 | 1510 | 59.92 | 24 | 1.85 | | | | |
| 3.4 | 10199 | 426 | 64 | 1.25 | 27 | 1341 | 53.21 | 23 | 2.10 | | | | |
| 3.9 | 8810 | 368 | 66 | 1.50 | 30 | 1199 | 47.58 | 23 | 2.30 | | | | |
| 4.4 | 7805 | 326 | 67 | 1.70 | 34 | 1078 | 42.78 | 22 | 2.60 | | | | |
| 5.1 | 6704 | 280 | 68 | 1.95 | 39 | 936 | 37.13 | 21 | 3.00 | | | | |
| 5.8 | 5914 | 247 | 69 | 2.20 | 43 | 838 | 33.25 | 21 | 3.20 | | | | |
| 6.7 | 5123 | 214 | 69 | 2.50 | 45 | 808 | 32.05 | 21 | 3.00 | ZYR99 ZYRF99 | 4P | | |
| 7.6 | 4525 | 189 | 70 | 2.95 | 53 | 685 | 27.19 | 20 | 3.50 | | | | |
| 9.1 | 3807 | 159 | 70 | 3.35 | 58 | 631 | 25.03 | 19 | 4.20 | | | | |
| 2.3 | 14820 | 619 | 44 | 0.90 | 64 | 564 | 22.37 | 19 | 4.50 | | | | |
| 2.6 | 13359 | 558 | 58 | 1.00 | 71 | 508 | 20.14 | 18 | 4.80 | | | | |
| 2.9 | 11707 | 489 | 61 | 1.15 | ZYR149R89 ZYRF149R89 | 4P | 23 | 1612 | 63.96 | 13 | 0.90 | ZYR89 ZYRF89 | 4P |
| 3.5 | 9936 | 415 | 64 | 1.30 | | | 24 | 1527 | 60.61 | 13 | 0.95 | | |
| 3.8 | 9122 | 381 | 43 | 0.85 | | | 27 | 1337 | 53.05 | 14 | 1.10 | | |
| 4.5 | 7733 | 323 | 51 | 1.05 | | | 30 | 1204 | 47.79 | 15 | 1.20 | | |
| 4.9 | 6967 | 291 | 52 | 1.15 | | | 34 | 1056 | 41.92 | 16 | 1.40 | | |
| 5.6 | 6105 | 255 | 54 | 1.30 | ZYR139R79 ZYRF139R79 | 4P | | | | | | | |
| 6.5 | 5339 | 223 | 55 | 1.50 | | | | | | | | | |

选型参数表

(恒功率) 4W-5.5kW

Selection Table

(Constant Power) 4kW-5.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|------------------|------------|---------------------------|------------------------|-------|----------------------------|----------------|------------------|------------|
| 4kW | | | | | | | 4kW | | | | | | |
| 39 | 932 | 37.00 | 17 | 1.55 | ZYR89 ZYRF89 | 4P | 207 | 175 | 6.96 | 2.4 | 0.85 | ZYR49 ZYRF49 | 4P |
| 44 | 827 | 32.80 | 17 | 1.75 | | | 240 | 151 | 6.00 | 2.3 | 0.95 | | |
| 51 | 706 | 28.00 | 16 | 2.00 | | | 255 | 142 | 5.64 | 2.3 | 1.00 | | |
| 42 | 871 | 34.55 | 17 | 1.60 | 297 | 122 | 4.85 | 2.2 | 1.15 | | | | |
| 46 | 795 | 31.53 | 17 | 1.85 | 332 | 109 | 4.34 | 2.2 | 1.25 | | | | |
| 52 | 705 | 27.96 | 16 | 2.10 | 389 | 93 | 3.70 | 2.1 | 1.40 | | | | |
| 61 | 592 | 23.51 | 15 | 2.50 | ZYR89 ZYRF89 | 4P | 178 | 204 | 16.22 | 2.5 | 1.25 | ZYR49 ZYRF49 | 2P |
| 67 | 544 | 21.60 | 15 | 2.60 | | | 198 | 183 | 14.56 | 2.5 | 1.35 | | |
| 75 | 483 | 19.18 | 14 | 2.80 | | | 230 | 157 | 12.54 | 2.4 | 1.50 | | |
| 84 | 432 | 17.15 | 14 | 3.00 | | | 245 | 148 | 11.79 | 2.4 | 1.55 | | |
| 93 | 389 | 15.42 | 14 | 3.20 | | | 285 | 127 | 10.15 | 2.3 | 1.70 | | |
| 108 | 337 | 13.38 | 13 | 3.60 | | | 319 | 114 | 9.07 | 2.3 | 1.80 | | |
| 120 | 302 | 11.98 | 13 | 3.80 | 373 | 97 | 7.75 | 2.1 | 1.55 | | | | |
| 39 | 928 | 36.83 | 3.9 | 0.85 | ZYR79 ZYRF79 | 4P | 415 | 87 | 6.96 | 2.1 | 1.70 | | |
| 43 | 843 | 33.47 | 8.6 | 0.90 | | | 482 | 75 | 6.00 | 2.0 | 1.95 | | |
| 50 | 731 | 29.00 | 10 | 1.05 | | | 512 | 71 | 5.64 | 2.0 | 2.10 | | |
| 57 | 636 | 25.23 | 10 | 1.15 | | | 596 | 61 | 4.85 | 1.9 | 2.30 | | |
| 62 | 589 | 23.37 | 10 | 1.30 | ZYR79 ZYRF79 | 4P | 666 | 54 | 4.34 | 1.9 | 2.50 | | |
| 67 | 540 | 21.43 | 10 | 1.40 | | | 781 | 46 | 3.70 | 1.8 | 2.80 | | |
| 77 | 474 | 18.80 | 10 | 1.55 | | | 259 | 144 | 5.56 | 6.3 | 1.50 | | |
| 81 | 449 | 17.82 | 9.5 | 1.65 | | | 284 | 131 | 5.07 | 6.1 | 1.85 | | |
| 92 | 393 | 15.60 | 9.1 | 1.75 | | | 320 | 116 | 4.50 | 5.9 | 2.40 | | |
| 102 | 354 | 14.05 | 8.9 | 1.90 | | | 381 | 98 | 3.78 | 5.7 | 3.00 | | |
| 117 | 311 | 12.33 | 8.6 | 2.10 | | | 356 | 105 | 4.04 | 4.4 | 1.30 | | |
| 132 | 274 | 10.88 | 8.3 | 2.30 | | | 389 | 96 | 3.70 | 4.3 | 1.55 | | |
| 149 | 243 | 9.64 | 8.1 | 2.40 | | | 443 | 84 | 3.25 | 4.2 | 2.10 | | |
| 168 | 216 | 8.59 | 7.9 | 2.70 | | | 468 | 80 | 3.08 | 4.1 | 2.30 | | |
| 186 | 195 | 7.74 | 7.7 | 2.90 | | | 533 | 70 | 2.70 | 4.0 | 3.00 | | |
| 212 | 171 | 6.79 | 7.4 | 3.20 | | | 593 | 63 | 2.43 | 3.9 | 3.30 | | |
| 240 | 151 | 5.99 | 7.1 | 3.30 | | | 676 | 55 | 2.13 | 3.7 | 3.50 | | |
| 271 | 134 | 5.31 | 6.9 | 3.60 | | | 766 | 49 | 1.88 | 3.6 | 3.70 | | |
| 72 | 501 | 19.89 | 7.6 | 1.10 | 862 | 43 | 1.67 | 3.5 | 3.90 | | | | |
| 80 | 452 | 17.95 | 7.4 | 1.20 | 1014 | 37 | 1.42 | 3.3 | 4.10 | | | | |
| 91 | 398 | 15.79 | 7.2 | 1.30 | 450 | 83 | 3.20 | 2.7 | 1.15 | | | | |
| 97 | 376 | 14.91 | 7.1 | 1.35 | 498 | 75 | 2.89 | 2.7 | 1.35 | | | | |
| 113 | 320 | 12.70 | 6.9 | 1.50 | 567 | 66 | 2.54 | 2.6 | 1.75 | | | | |
| 125 | 291 | 11.54 | 6.7 | 1.60 | 600 | 62 | 2.40 | 2.6 | 1.90 | | | | |
| 144 | 252 | 10.00 | 6.5 | 1.75 | 706 | 53 | 2.04 | 2.5 | 2.40 | | | | |
| 166 | 219 | 8.70 | 6.3 | 1.90 | 774 | 48 | 1.86 | 2.4 | 2.50 | | | | |
| 185 | 196 | 7.79 | 6.1 | 1.80 | 894 | 42 | 1.61 | 2.3 | 2.60 | | | | |
| 196 | 185 | 7.36 | 6.0 | 1.85 | 1029 | 36 | 1.40 | 2.2 | 2.80 | | | | |
| 230 | 158 | 6.27 | 5.8 | 1.95 | 545 | 68 | 2.64 | 1.6 | 0.95 | | | | |
| 253 | 144 | 5.70 | 5.6 | 2.00 | 608 | 61 | 2.37 | 1.7 | 1.10 | | | | |
| 292 | 124 | 4.93 | 5.4 | 2.20 | 706 | 53 | 2.04 | 1.8 | 1.25 | | | | |
| 336 | 108 | 4.29 | 5.2 | 2.30 | 750 | 50 | 1.92 | 1.8 | 1.35 | | | | |
| 77 | 469 | 18.60 | 3.3 | 0.90 | 873 | 43 | 1.65 | 1.8 | 1.55 | | | | |
| 86 | 423 | 16.79 | 3.6 | 1.00 | 973 | 38 | 1.48 | 1.7 | 1.70 | | | | |
| 97 | 372 | 14.77 | 3.6 | 1.10 | 973 | 38 | 1.48 | 1.7 | 1.70 | | | | |
| 103 | 352 | 13.95 | 3.6 | 1.15 | 1143 | 33 | 1.26 | 1.7 | 1.80 | | | | |
| 121 | 299 | 11.88 | 3.5 | 1.25 | 5.5kW | | | | | | | | |
| 133 | 272 | 10.79 | 3.5 | 1.35 | 1.3 | 37166 | 1129 | 128 | 1.0 | ZYRF179R109 ZYRF179R109 | 4P | | |
| 154 | 236 | 9.35 | 3.4 | 1.45 | 1.4 | 35092 | 1066 | 128 | 1.0 | | | | |
| 159 | 228 | 9.06 | 3.4 | 1.55 | 1.5 | 31570 | 959 | 128 | 1.2 | | | | |
| 181 | 201 | 7.97 | 3.3 | 1.65 | 1.8 | 26303 | 799 | 128 | 1.4 | | | | |
| 191 | 190 | 7.53 | 3.3 | 1.75 | 1.9 | 25348 | 770 | 128 | 1.4 | | | | |
| 225 | 162 | 6.41 | 3.2 | 1.95 | 2.1 | 22912 | 696 | 128 | 1.6 | | | | |
| 247 | 147 | 5.82 | 3.1 | 2.00 | 2.4 | 19422 | 590 | 128 | 1.9 | | | | |
| 285 | 127 | 5.05 | 3.0 | 2.20 | 2.9 | 16196 | 492 | 128 | 2.3 | | | | |
| 328 | 111 | 4.39 | 2.9 | 2.40 | 3.2 | 14814 | 450 | 128 | 2.5 | | | | |
| 142 | 256 | 10.15 | 1.9 | 0.85 | 3.6 | 13266 | 403 | 128 | 2.8 | | | | |
| 159 | 229 | 9.07 | 2.2 | 0.90 | 4.0 | 11983 | 364 | 128 | 3.1 | | | | |
| 186 | 195 | 7.75 | 2.4 | 0.75 | | | | | | | | | |

选型参数表

(恒功率) 5.5kW

Selection Table

(Constant Power) 5.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|---------------------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|---------------------------|------------|
| 5.5kW | | | | | | | 5.5kW | | | | | | |
| 1.2 | 39141 | 1189 | 128 | 0.9 | ZYR179R99 ZYRF179R99 | 4P | 14 | 3576 | 103.20 | 57 | 2.10 | ZYR139 ZYRF139 | 4P |
| 1.2 | 37989 | 1154 | 128 | 1.0 | | | 16 | 3074 | 88.70 | 57 | 2.50 | | |
| 1.5 | 31504 | 957 | 128 | 1.2 | | | 18 | 2804 | 80.91 | 57 | 2.70 | | |
| 1.9 | 25282 | 768 | 128 | 1.4 | | | 20 | 2547 | 73.49 | 57 | 3.00 | | |
| 2.0 | 23373 | 710 | 128 | 1.6 | | | 22 | 2259 | 65.20 | 58 | 3.30 | | |
| 2.3 | 20443 | 621 | 128 | 1.8 | | | 24 | 2050 | 59.17 | 58 | 3.70 | | |
| 2.6 | 18534 | 563 | 128 | 2.0 | | | 28 | 1762 | 50.86 | 58 | 4.30 | | |
| 3.0 | 15834 | 481 | 128 | 2.3 | | | 11 | 4424 | 127.68 | 26 | 0.90 | ZYR109 ZYRF109 | 4P |
| 3.0 | 15703 | 477 | 128 | 2.3 | | | 12 | 4007 | 115.63 | 28 | 1.00 | | |
| 3.5 | 13431 | 408 | 128 | 2.7 | | | 14 | 3553 | 102.53 | 30 | 1.15 | | |
| 4.0 | 11719 | 356 | 128 | 3.1 | | | 16 | 3212 | 92.70 | 32 | 1.25 | | |
| 2.2 | 21595 | 656 | 114 | 0.85 | ZYR169R99 ZYRF169R99 | 4P | 18 | 2723 | 78.57 | 32 | 1.50 | | |
| 2.5 | 19060 | 579 | 114 | 0.95 | | | 20 | 2525 | 72.88 | 31 | 1.60 | | |
| 2.9 | 16558 | 503 | 114 | 1.05 | | | 22 | 2273 | 65.60 | 30 | 1.80 | | |
| 3.3 | 14221 | 432 | 114 | 1.25 | | | 24 | 2059 | 59.41 | 30 | 1.95 | | |
| 3.8 | 12411 | 377 | 114 | 1.45 | | | 27 | 1825 | 52.68 | 29 | 2.20 | | |
| 4.3 | 11028 | 335 | 114 | 1.60 | | | 30 | 1650 | 47.63 | 28 | 2.50 | | |
| 4.8 | 9975 | 303 | 114 | 1.80 | | | 36 | 1399 | 40.37 | 27 | 2.90 | | |
| 5.2 | 9184 | 279 | 114 | 1.95 | | | 17 | 2881 | 83.15 | 17 | 1.00 | ZYR99 ZYRF99 | 4P |
| 3.1 | 15209 | 462 | 42 | 0.85 | ZYR149R89 ZYRF149R89 | 4P | 20 | 2501 | 72.17 | 21 | 1.15 | | |
| 3.4 | 14024 | 426 | 55 | 0.90 | | | 22 | 2260 | 65.21 | 23 | 1.25 | | |
| 3.9 | 12114 | 368 | 61 | 1.10 | | | 24 | 2076 | 59.92 | 23 | 1.35 | | |
| 4.4 | 10732 | 326 | 63 | 1.25 | | | 27 | 1844 | 53.21 | 22 | 1.55 | | |
| 5.1 | 9217 | 280 | 65 | 1.40 | | | 30 | 1649 | 47.58 | 22 | 1.70 | | |
| 5.8 | 8131 | 247 | 67 | 1.60 | | | 34 | 1482 | 42.78 | 21 | 1.90 | | |
| 6.7 | 7045 | 214 | 68 | 1.90 | | | 39 | 1287 | 37.13 | 21 | 2.20 | | |
| 7.6 | 6222 | 189 | 68 | 2.15 | | | 43 | 1152 | 33.25 | 20 | 2.40 | | |
| 3.7 | 13450 | 194.08 | 128 | 2.50 | ZYR179 ZYRF179 | 8P | 52 | 956 | 27.58 | 19 | 2.60 | ZYR99 ZYRF99 | 4P |
| 4.0 | 12328 | 177.89 | 128 | 2.75 | | | 45 | 1111 | 32.05 | 20 | 2.20 | | |
| 4.6 | 10739 | 154.96 | 128 | 3.05 | | | 53 | 942 | 27.19 | 19 | 2.60 | | |
| 3.1 | 15920 | 229.71 | 114 | 1.05 | ZYR169 ZYRF169 | 8P | 58 | 867 | 25.03 | 19 | 3.10 | | |
| 3.9 | 12955 | 186.93 | 114 | 1.30 | | | 64 | 775 | 22.37 | 18 | 3.30 | | |
| 4.7 | 10608 | 153.07 | 114 | 1.60 | | | 71 | 698 | 20.14 | 17 | 3.50 | | |
| 5.1 | 9701 | 139.98 | 114 | 1.75 | | | 79 | 632 | 18.24 | 17 | 3.70 | | |
| 5.9 | 8442 | 121.81 | 114 | 2.00 | | | 89 | 560 | 16.17 | 16 | 4.00 | | |
| 4.4 | 11318 | 163.31 | 61 | 1.10 | ZYR149 ZYRF149 | 8P | 30 | 1656 | 47.79 | 15 | 0.90 | ZYR89 ZYRF89 | 4P |
| 4.9 | 10181 | 146.91 | 63 | 1.20 | | | 34 | 1453 | 41.92 | 16 | 1.00 | | |
| 6.0 | 8307 | 119.86 | 66 | 1.45 | | | 39 | 1282 | 37.00 | 16 | 1.15 | | |
| 6.6 | 7576 | 109.31 | 67 | 1.60 | | | 44 | 1137 | 32.80 | 16 | 1.30 | | |
| 5.9 | 8489 | 163.31 | 66 | 1.45 | ZYR149 ZYRF149 | 6P | 51 | 970 | 28.00 | 15 | 1.45 | | |
| 6.5 | 7636 | 146.91 | 67 | 1.60 | | | 52 | 969 | 27.96 | 15 | 1.50 | ZYR89 ZYRF89 | 4P |
| 8.0 | 6230 | 119.86 | 68 | 2.00 | | | 61 | 815 | 23.51 | 15 | 1.80 | | |
| 8.8 | 5682 | 109.31 | 69 | 2.20 | | | 67 | 748 | 21.60 | 14 | 1.90 | | |
| 10 | 4917 | 94.60 | 69 | 2.50 | | | 75 | 665 | 19.18 | 14 | 2.00 | | |
| 12 | 4339 | 83.47 | 70 | 2.80 | | | 84 | 594 | 17.15 | 14 | 2.20 | | |
| 5.6 | 8883 | 128.18 | 42 | 0.85 | ZYR139 ZYRF139 | 8P | 93 | 534 | 15.42 | 13 | 2.40 | | |
| 6.3 | 7881 | 113.72 | 50 | 0.95 | | | 108 | 464 | 13.38 | 13 | 2.60 | | |
| 7.0 | 7152 | 103.20 | 51 | 1.05 | | | 120 | 415 | 11.98 | 12 | 2.80 | | |
| 8.1 | 6147 | 88.70 | 53 | 1.20 | | | 145 | 344 | 9.94 | 12 | 3.20 | | |
| 5.5 | 9065 | 174.40 | 41 | 0.85 | ZYR139 ZYRF139 | 6P | 157 | 317 | 9.15 | 12 | 3.60 | | |
| 6.1 | 8125 | 156.31 | 49 | 0.95 | | | 175 | 285 | 8.23 | 11 | 3.80 | | |
| 6.8 | 7335 | 141.12 | 51 | 1.05 | | | 202 | 247 | 7.14 | 11 | 4.10 | | |
| 7.5 | 6663 | 128.18 | 53 | 1.15 | | | 77 | 651 | 18.80 | 8.8 | 1.15 | ZYR79 ZYRF79 | 4P |
| 8.4 | 5911 | 113.72 | 54 | 1.30 | | | 81 | 617 | 17.82 | 8.9 | 1.20 | | |
| 9.3 | 5364 | 103.20 | 55 | 1.40 | | | 92 | 541 | 15.60 | 8.7 | 1.30 | | |
| 6.5 | 7714 | 222.60 | 50 | 1.00 | ZYR139 ZYRF139 | 4P | 102 | 487 | 14.05 | 8.5 | 1.40 | | |
| 7.6 | 6530 | 188.45 | 53 | 1.15 | | | 117 | 427 | 12.33 | 8.3 | 1.50 | | |
| 8.3 | 6043 | 174.40 | 54 | 1.25 | | | 132 | 377 | 10.88 | 8.0 | 1.65 | | |
| 9.2 | 5416 | 156.31 | 55 | 1.40 | | | 149 | 334 | 9.64 | 7.8 | 1.80 | | |
| 10 | 4890 | 141.12 | 55 | 1.55 | | | 168 | 298 | 8.59 | 7.7 | 2.00 | | |
| 11 | 4442 | 128.18 | 56 | 1.70 | | | 186 | 268 | 7.74 | 7.5 | 2.20 | | |
| 13 | 3941 | 113.72 | 56 | 1.90 | | | 212 | 235 | 6.79 | 7.2 | 2.30 | | |
| | | | | | | | 240 | 208 | 5.99 | 7.0 | 2.50 | | |
| | | | | | | | 271 | 184 | 5.31 | 6.7 | 2.60 | | |

选型参数表

(恒功率) 5.5kW-7.5kW

Selection Table

(Constant Power) 5.5kW-7.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|-------|-------------------------|----------------|-------------------|------------|---------------------------|------------------------|------|-------------------------|----------------|---------------------------|------------|--|--|
| 5.5kW | | | | | | | 5.5kW | | | | | | | | |
| 91 | 547 | 15.79 | 6.3 | 0.95 | ZYR69 ZYRF69 | 4P | 735 | 70 | 1.96 | 5.8 | 7.90 | ZYRX99 ZYRXF99 | 4P | | |
| 97 | 517 | 14.91 | 6.6 | 1.00 | | | 878 | 58 | 1.64 | 5.5 | 8.40 | | | | |
| 113 | 440 | 12.70 | 6.5 | 1.10 | | | 1014 | 51 | 1.42 | 5.3 | 8.80 | | | | |
| 125 | 400 | 11.54 | 6.4 | 1.20 | | | 320 | 160 | 4.50 | 5.7 | 1.75 | ZYRX89 ZYRXF89 | 4P | | |
| 144 | 347 | 10.00 | 6.2 | 1.30 | | | 381 | 134 | 3.78 | 5.5 | 2.20 | | | | |
| 166 | 301 | 8.70 | 6.0 | 1.40 | | | 414 | 124 | 3.48 | 5.4 | 3.20 | | | | |
| 185 | 270 | 7.79 | 5.9 | 1.35 | | | 466 | 110 | 3.09 | 5.2 | 3.60 | | | | |
| 196 | 255 | 7.36 | 5.8 | 1.35 | | | 522 | 98 | 2.76 | 5.0 | 4.00 | | | | |
| 230 | 217 | 6.27 | 5.6 | 1.45 | | | 581 | 88 | 2.48 | 4.9 | 4.40 | | | | |
| 253 | 198 | 5.70 | 5.4 | 1.50 | | | 670 | 76 | 2.15 | 4.7 | 4.90 | | | | |
| 292 | 171 | 4.93 | 5.2 | 1.60 | 443 | 116 | 3.25 | 4.0 | 1.50 | ZYRX79 ZYRXF79 | 4P | | | | |
| 336 | 149 | 4.29 | 5.0 | 1.70 | 468 | 110 | 3.08 | 4.0 | 1.70 | | | | | | |
| 333 | 150 | 8.70 | 5.0 | 2.80 | 533 | 96 | 2.70 | 3.8 | 2.20 | | | | | | |
| 372 | 134 | 7.79 | 4.9 | 2.70 | 593 | 86 | 2.43 | 3.7 | 2.40 | | | | | | |
| 394 | 127 | 7.36 | 4.8 | 2.80 | 676 | 76 | 2.13 | 3.6 | 2.60 | | | | | | |
| 463 | 108 | 6.27 | 4.6 | 2.90 | 766 | 67 | 1.88 | 3.5 | 2.70 | | | | | | |
| 509 | 98 | 5.70 | 4.5 | 3.00 | 862 | 59 | 1.67 | 3.4 | 2.80 | ZYRX69 ZYRXF69 | 4P | | | | |
| 588 | 85 | 4.93 | 4.3 | 3.20 | 1014 | 51 | 1.42 | 3.2 | 3.00 | | | | | | |
| 676 | 74 | 4.29 | 4.1 | 3.50 | 567 | 90 | 2.54 | 2.4 | 1.25 | | | | | | |
| 97 | 512 | 14.77 | 1.6 | 0.80 | 600 | 85 | 2.40 | 2.4 | 1.40 | | | | | | |
| 103 | 483 | 13.95 | 2.0 | 0.85 | 706 | 73 | 2.04 | 2.3 | 1.80 | | | | | | |
| 121 | 412 | 11.88 | 2.8 | 0.95 | 774 | 66 | 1.86 | 2.3 | 1.85 | | | | | | |
| 133 | 374 | 10.79 | 3.1 | 1.00 | 894 | 57 | 1.61 | 2.2 | 1.95 | ZYRX59 ZYRXF59 | 4P | | | | |
| 154 | 324 | 9.35 | 3.1 | 1.10 | 1029 | 50 | 1.40 | 2.1 | 2.00 | | | | | | |
| 181 | 276 | 7.97 | 3.1 | 1.20 | 706 | 73 | 2.04 | 0.6 | 0.90 | | | | | | |
| 191 | 261 | 7.53 | 3.0 | 1.25 | 750 | 68 | 1.92 | 0.7 | 1.00 | | | | | | |
| 225 | 222 | 6.41 | 3.0 | 1.40 | 873 | 59 | 1.65 | 0.9 | 1.15 | | | | | | |
| 247 | 202 | 5.82 | 2.9 | 1.50 | 973 | 53 | 1.48 | 1.0 | 1.25 | | | | | | |
| 285 | 175 | 5.05 | 2.9 | 1.65 | 1143 | 45 | 1.26 | 1.1 | 1.30 | | | | | | |
| 328 | 152 | 4.39 | 2.8 | 1.75 | 7.5kW | | | | | | | | | | |
| 310 | 161 | 9.35 | 2.8 | 2.20 | ZYR59 ZYRF59 | 2P | 1.5 | 43049 | 959 | 128 | 0.9 | ZYR179R109 ZYRF179R109 | 4P | | |
| 364 | 137 | 7.97 | 2.7 | 2.40 | | | 1.8 | 35867 | 799 | 128 | 1.0 | | | | |
| 385 | 130 | 7.53 | 2.7 | 2.50 | | | 1.9 | 34565 | 770 | 128 | 1.1 | | | | |
| 452 | 110 | 6.41 | 2.6 | 2.90 | | | 2.1 | 31243 | 696 | 128 | 1.2 | | | | |
| 498 | 100 | 5.82 | 2.5 | 3.00 | | | 2.4 | 26485 | 590 | 128 | 1.4 | | | | |
| 574 | 87 | 5.05 | 2.4 | 3.30 | | | 2.9 | 22086 | 492 | 128 | 1.7 | | | | |
| 661 | 76 | 4.39 | 2.3 | 3.50 | 3.2 | 20200 | 450 | 128 | 1.8 | ZYR179R99 ZYRF179R99 | 4P | | | | |
| 297 | 168 | 4.85 | 1.8 | 0.85 | 3.6 | 18091 | 403 | 128 | 2.0 | | | | | | |
| 332 | 150 | 4.34 | 2.0 | 0.90 | 4.0 | 16340 | 364 | 128 | 2.2 | | | | | | |
| 389 | 128 | 3.70 | 2.0 | 1.00 | 4.4 | 14859 | 331 | 128 | 2.5 | | | | | | |
| 231 | 216 | 12.54 | 1.6 | 1.10 | 4.9 | 13153 | 293 | 128 | 2.8 | | | | | | |
| 246 | 203 | 11.79 | 1.8 | 1.15 | 5.4 | 11941 | 266 | 128 | 3.1 | | | | | | |
| 286 | 175 | 10.15 | 2.1 | 1.25 | 1.9 | 34476 | 768 | 128 | 1.1 | ZYR179R99 ZYRF179R99 | 4P | | | | |
| 320 | 156 | 9.07 | 2.1 | 1.35 | 2.0 | 31872 | 710 | 128 | 1.1 | | | | | | |
| 374 | 133 | 7.75 | 1.9 | 1.40 | 2.3 | 27877 | 621 | 128 | 1.3 | | | | | | |
| 483 | 103 | 6.00 | 1.9 | 1.45 | 2.6 | 25273 | 563 | 128 | 1.4 | | | | | | |
| 514 | 97 | 5.64 | 1.9 | 1.50 | 3.0 | 21592 | 481 | 128 | 1.7 | | | | | | |
| 598 | 83 | 4.85 | 1.8 | 1.70 | 3.0 | 21413 | 477 | 128 | 1.7 | | | | | | |
| 668 | 75 | 4.34 | 1.8 | 1.85 | 3.5 | 18315 | 408 | 128 | 2.0 | ZYR169R99 ZYRF169R99 | 4P | | | | |
| 784 | 64 | 3.70 | 1.7 | 2.10 | 4.0 | 15981 | 356 | 128 | 2.3 | | | | | | |
| 221 | 232 | 6.52 | 16 | 4.80 | 4.9 | 13243 | 295 | 128 | 2.8 | | | | | | |
| 245 | 209 | 5.87 | 16 | 6.25 | 2.9 | 22580 | 503 | 54 | 0.80 | | | | | | |
| 217 | 236 | 6.63 | 10 | 1.90 | 3.3 | 19392 | 432 | 59 | 0.95 | | | | | | |
| 257 | 200 | 5.61 | 9.5 | 2.20 | 3.8 | 16924 | 377 | 62 | 1.10 | | | | | | |
| 277 | 185 | 5.19 | 9.3 | 3.70 | ZYRX99 ZYRXF99 | 4P | 4.3 | 15038 | 335 | 64 | 1.20 | ZYR149R89 ZYRF149R89 | 4P | | |
| 310 | 165 | 4.65 | 9.0 | 4.10 | | | 4.8 | 13602 | 303 | 66 | 1.30 | | | | |
| 249 | 206 | 5.79 | 8.0 | 1.95 | | | 5.2 | 12524 | 279 | 67 | 1.45 | | | | |
| 293 | 175 | 4.91 | 7.6 | 2.20 | | | 4.4 | 14634 | 326 | 48 | 0.90 | | | | |
| 319 | 161 | 4.52 | 7.4 | 3.60 | | | 5.1 | 12569 | 280 | 60 | 1.05 | | | | |
| 356 | 144 | 4.04 | 7.2 | 4.00 | | | 5.8 | 11088 | 247 | 62 | 1.20 | | | | |
| 396 | 129 | 3.64 | 7.0 | 4.40 | ZYRX99 ZYRXF99 | 4P | 6.7 | 9606 | 214 | 65 | 1.40 | ZYR149R89 ZYRF149R89 | 4P | | |
| 436 | 117 | 3.30 | 6.8 | 4.90 | | | 7.6 | 8484 | 189 | 66 | 1.60 | | | | |
| 493 | 104 | 2.92 | 6.5 | 5.50 | | | 9.1 | 7138 | 159 | 67 | 1.80 | | | | |
| 545 | 94 | 2.64 | 6.4 | 6.10 | | | | | | | | | | | |
| 643 | 80 | 2.24 | 6.0 | 7.20 | | | | | | | | | | | |

选型参数表

(恒功率) 7.5kW

Selection Table

(Constant Power) 7.5kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|---------------------------|------------|------------------|---------------|-------|------------------|-------|-------------------------|------------|
| 7.5kW | | | | | | | 7.5kW | | | | | | |
| 3.7 | 18342 | 194.08 | 128 | 1.85 | ZYR179 ZYRF179 | 8P | 34 | 2021 | 42.78 | 20 | 1.40 | ZYR99 ZYRF99 | 4P |
| 4.0 | 16812 | 177.89 | 128 | 2.00 | | | 39 | 1754 | 37.13 | 20 | 1.60 | | |
| 4.6 | 14645 | 154.96 | 128 | 2.25 | | | 43 | 1571 | 33.25 | 19 | 1.75 | | |
| 5.2 | 12976 | 137.30 | 128 | 2.55 | | | 52 | 1303 | 27.58 | 18 | 1.95 | | |
| 3.1 | 21709 | 229.71 | 114 | 0.80 | ZYR169 ZYRF169 | 8P | 45 | 1514 | 32.05 | 19 | 1.60 | ZYR99 ZYRF99 | 4P |
| 3.9 | 17666 | 186.93 | 114 | 0.95 | | | 53 | 1285 | 27.19 | 18 | 1.90 | | |
| 4.7 | 14466 | 153.07 | 114 | 1.20 | | | 58 | 1183 | 25.03 | 18 | 2.30 | | |
| 5.1 | 13229 | 139.98 | 114 | 1.30 | | | 64 | 1057 | 22.37 | 17 | 2.40 | | |
| 5.9 | 11512 | 121.81 | 114 | 1.50 | ZYR169 ZYRF169 | 6P | 71 | 952 | 20.14 | 17 | 2.60 | ZYR89 ZYRF89 | 4P |
| 4.2 | 16114 | 229.71 | 114 | 1.05 | | | 79 | 862 | 18.24 | 17 | 2.70 | | |
| 5.2 | 13113 | 186.93 | 114 | 1.30 | | | 89 | 764 | 16.17 | 17 | 3.00 | | |
| 6.3 | 10738 | 153.07 | 114 | 1.60 | | | 98 | 691 | 14.62 | 17 | 3.40 | | |
| 6.9 | 9819 | 139.98 | 114 | 1.70 | | | 39 | 1748 | 37.00 | 11 | 0.85 | | |
| 8.0 | 8545 | 121.81 | 114 | 2.00 | | | 44 | 1550 | 32.80 | 15 | 0.95 | | |
| 9.0 | 7540 | 107.49 | 114 | 2.20 | | | 51 | 1323 | 28.00 | 14 | 1.05 | | |
| 10 | 6537 | 93.19 | 114 | 2.60 | | | 52 | 1321 | 27.96 | 14 | 1.10 | ZYR89 ZYRF89 | 4P |
| 12 | 5816 | 82.91 | 114 | 2.90 | ZYR149 ZYRF149 | 8P | 61 | 1111 | 23.51 | 14 | 1.30 | | |
| 13 | 5170 | 73.70 | 114 | 3.30 | | | 67 | 1021 | 21.60 | 14 | 1.40 | | |
| 14 | 4728 | 67.40 | 114 | 3.60 | | | 75 | 906 | 19.18 | 13 | 1.50 | | |
| 4.4 | 15434 | 163.31 | 31 | 0.80 | | | 84 | 810 | 17.15 | 13 | 1.65 | | |
| 4.9 | 13884 | 146.91 | 52 | 0.90 | | | 93 | 729 | 15.42 | 12 | 1.75 | | |
| 6.0 | 11327 | 119.86 | 61 | 1.10 | | | 108 | 632 | 13.38 | 12 | 1.90 | | |
| 6.6 | 10330 | 109.31 | 63 | 1.20 | | | 120 | 566 | 11.98 | 12 | 2.10 | | |
| 5.9 | 11456 | 163.31 | 61 | 1.05 | ZYR149 ZYRF149 | 6P | 145 | 470 | 9.94 | 11 | 2.40 | ZYR79 ZYRF79 | 4P |
| 6.6 | 10305 | 146.91 | 63 | 1.20 | | | 157 | 432 | 9.15 | 11 | 2.60 | | |
| 8.1 | 8408 | 119.86 | 66 | 1.45 | | | 175 | 389 | 8.23 | 11 | 2.80 | | |
| 8.9 | 7668 | 109.31 | 67 | 1.60 | | | 202 | 337 | 7.14 | 11 | 3.00 | | |
| 10 | 6636 | 94.60 | 68 | 1.85 | ZYR139 ZYRF139 | 4P | 225 | 302 | 6.39 | 10 | 3.20 | ZYR69 ZYRF69 | 4P |
| 12 | 5855 | 83.47 | 68 | 2.10 | | | 271 | 251 | 5.31 | 10 | 3.40 | | |
| 7.6 | 8905 | 188.45 | 43 | 0.85 | | | 77 | 888 | 18.80 | 5.0 | 0.85 | | |
| 8.3 | 8241 | 174.40 | 48 | 0.90 | | | 81 | 842 | 17.82 | 5.4 | 0.85 | | |
| 9.2 | 7386 | 156.31 | 51 | 1.00 | | | 92 | 737 | 15.60 | 6.3 | 0.95 | | |
| 10 | 6668 | 141.12 | 52 | 1.15 | | | 102 | 664 | 14.05 | 6.8 | 1.00 | | |
| 11 | 6057 | 128.18 | 54 | 1.25 | | | 117 | 583 | 12.33 | 7.4 | 1.10 | | |
| 13 | 5374 | 113.72 | 55 | 1.40 | | | 132 | 514 | 10.88 | 7.6 | 1.20 | | |
| 14 | 4876 | 103.20 | 55 | 1.55 | ZYR109 ZYRF109 | 4P | 149 | 456 | 9.64 | 7.4 | 1.30 | ZYR59 ZYRF59 | 4P |
| 16 | 4191 | 88.70 | 56 | 1.80 | | | 168 | 406 | 8.59 | 7.2 | 1.45 | | |
| 18 | 3823 | 80.91 | 57 | 1.95 | | | 186 | 366 | 7.74 | 7.2 | 1.55 | | |
| 20 | 3473 | 73.49 | 57 | 2.20 | | | 212 | 321 | 6.79 | 7.0 | 1.70 | | |
| 22 | 3081 | 65.20 | 57 | 2.50 | ZYR109 ZYRF109 | 4P | 240 | 283 | 5.99 | 6.8 | 1.80 | ZYR59 ZYRF59 | 4P |
| 24 | 2796 | 59.17 | 57 | 2.70 | | | 271 | 251 | 5.31 | 6.5 | 1.90 | | |
| 28 | 2403 | 50.86 | 58 | 3.10 | | | 113 | 600 | 12.70 | 4.0 | 0.80 | | |
| 32 | 2098 | 44.39 | 57 | 3.50 | | | 125 | 545 | 11.54 | 4.6 | 0.85 | | |
| 16 | 4380 | 92.70 | 26 | 0.95 | ZYR109 ZYRF109 | 4P | 144 | 473 | 10.00 | 5.3 | 0.95 | ZYR59 ZYRF59 | 4P |
| 18 | 3713 | 78.57 | 30 | 1.10 | | | 166 | 411 | 8.70 | 5.6 | 1.00 | | |
| 20 | 3444 | 72.88 | 30 | 1.20 | | | 185 | 368 | 7.79 | 5.2 | 0.95 | | |
| 22 | 3100 | 65.60 | 29 | 1.30 | | | 196 | 348 | 7.36 | 5.4 | 1.00 | | |
| 24 | 2807 | 59.41 | 29 | 1.45 | ZYR109 ZYRF109 | 4P | 230 | 296 | 6.27 | 5.3 | 1.05 | ZYR59 ZYRF59 | 4P |
| 27 | 2489 | 52.68 | 28 | 1.65 | | | 253 | 269 | 5.70 | 5.2 | 1.10 | | |
| 30 | 2251 | 47.63 | 27 | 1.80 | | | 292 | 233 | 4.93 | 5.0 | 1.15 | | |
| 36 | 1908 | 40.37 | 26 | 2.10 | | | 336 | 203 | 4.29 | 4.9 | 1.25 | | |
| 41 | 1666 | 35.26 | 25 | 2.40 | ZYR109 ZYRF109 | 4P | 181 | 377 | 7.97 | 0.9 | 0.90 | ZYR59 ZYRF59 | 4P |
| 49 | 1393 | 29.49 | 24 | 2.90 | | | 191 | 356 | 7.53 | 1.2 | 0.95 | | |
| 47 | 1454 | 30.77 | 24 | 2.80 | | | 225 | 303 | 6.41 | 1.9 | 1.05 | | |
| 52 | 1303 | 27.58 | 23 | 3.10 | | | 247 | 275 | 5.82 | 2.3 | 1.10 | | |
| 58 | 1177 | 24.90 | 23 | 3.50 | ZYR99 ZYRF99 | 4P | 285 | 239 | 5.05 | 2.6 | 1.20 | ZYR59 ZYRF59 | 2P |
| 64 | 1069 | 22.62 | 22 | 3.80 | | | 328 | 207 | 4.39 | 2.6 | 1.25 | | |
| 24 | 2831 | 59.92 | 19 | 1.00 | | | 196 | 347 | 14.77 | 2.5 | 1.20 | | |
| 27 | 2514 | 53.21 | 21 | 1.15 | | | 208 | 327 | 13.95 | 2.6 | 1.25 | | |
| 30 | 2248 | 47.58 | 21 | 1.25 | | | 244 | 279 | 11.88 | 2.6 | 1.40 | | |
| | | | | | | | 269 | 253 | 10.79 | 2.6 | 1.45 | | |

选型参数表

(恒功率) 7.5kW-11kW

Selection Table

(Constant Power) 7.5kW-11kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|------|-------------------------|----------------|-----------------------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|-----------------------------------|------------|
| 7.5kW | | | | | | | 11kW | | | | | | |
| 310 | 219 | 9.35 | 2.6 | 1.60 | ZYR59 ZYRF59 | 2P | 4.9 | 19156 | 295 | 114 | 0.90 | ZPR169R109 ZPRF169R109 | 4P |
| 364 | 187 | 7.97 | 2.5 | 1.80 | | | 5.4 | 17533 | 270 | 114 | 1.00 | | |
| 385 | 177 | 7.53 | 2.5 | 1.90 | | | 6.4 | 14871 | 229 | 114 | 1.20 | | |
| 452 | 150 | 6.41 | 2.4 | 2.10 | | | 7.3 | 12987 | 200 | 114 | 1.35 | | |
| 498 | 137 | 5.82 | 2.4 | 2.20 | | | 8.6 | 10974 | 169 | 114 | 1.60 | ZBR169R109 ZBRF169R109 | 4P |
| 574 | 118 | 5.05 | 2.3 | 2.50 | | | 5.0 | 18897 | 291 | 114 | 0.95 | | |
| 661 | 103 | 4.39 | 2.3 | 2.60 | ZYRX139 ZYRXF139 | 4P | 4.4 | 21754 | 335 | 114 | 0.80 | ZPR169R99 ZPRF169R99 | 4P |
| 221 | 316 | 6.52 | 16 | 3.55 | | | 4.8 | 19676 | 303 | 114 | 0.90 | | |
| 245 | 285 | 5.87 | 16 | 4.60 | | | 5.2 | 18117 | 279 | 114 | 1.00 | | |
| 217 | 322 | 6.63 | 10 | 1.40 | ZYRX109 ZYRXF109 | 4P | 5.9 | 16039 | 247 | 25 | 0.80 | ZPR149R89 ZPRF149R89 | 4P |
| 257 | 272 | 5.61 | 9.2 | 1.60 | | | 6.8 | 13896 | 214 | 55 | 0.95 | | |
| 277 | 252 | 5.19 | 9.0 | 2.70 | | | 7.7 | 12273 | 189 | 60 | 1.10 | | |
| 310 | 226 | 4.65 | 8.7 | 3.00 | | | 9.2 | 10325 | 159 | 63 | 1.25 | | |
| 343 | 204 | 4.20 | 8.5 | 3.90 | ZYRX99 ZYRXF99 | 4P | 3.8 | 26532 | 194.08 | 128 | 1.25 | ZPR179 ZPRF179 | 8P |
| 249 | 281 | 5.79 | 7.7 | 1.45 | | | 4.1 | 24319 | 177.89 | 128 | 1.40 | | |
| 293 | 238 | 4.91 | 7.4 | 1.60 | | | 4.7 | 21184 | 154.96 | 128 | 1.55 | | |
| 319 | 219 | 4.52 | 7.2 | 2.60 | | | 5.3 | 18770 | 137.3 | 128 | 1.75 | | |
| 356 | 196 | 4.04 | 7.0 | 2.90 | | | 5.0 | 19968 | 194.08 | 128 | 1.70 | ZPR179 ZPRF179 | 6P |
| 396 | 177 | 3.64 | 6.8 | 3.30 | | | 5.5 | 18302 | 177.89 | 128 | 1.85 | | |
| 436 | 160 | 3.30 | 6.6 | 3.60 | | | 6.3 | 15943 | 154.96 | 128 | 2.05 | | |
| 493 | 142 | 2.92 | 6.4 | 4.10 | ZYRX89 ZYRXF89 | 4P | 7.1 | 14126 | 137.3 | 128 | 2.30 | ZPR179 ZPRF179 | 4P |
| 320 | 218 | 4.50 | 5.5 | 1.30 | | | 7.5 | 13266 | 194.08 | 128 | 2.55 | | |
| 381 | 183 | 3.78 | 5.3 | 1.60 | | | 8.2 | 12160 | 177.89 | 128 | 2.80 | | |
| 414 | 169 | 3.48 | 5.1 | 2.30 | | | 9.4 | 10592 | 154.96 | 128 | 3.10 | ZPR169 ZPRF169 | 6P |
| 466 | 150 | 3.09 | 5.0 | 2.60 | | | 10.6 | 9385 | 137.3 | 128 | 3.50 | | |
| 522 | 134 | 2.76 | 4.9 | 2.90 | | | 5.2 | 19232 | 186.93 | 114 | 0.90 | | |
| 581 | 120 | 2.48 | 4.7 | 3.30 | | | 6.3 | 15748 | 153.07 | 114 | 1.05 | ZPR169 ZPRF169 | 4P |
| 670 | 104 | 2.15 | 4.5 | 3.60 | | | 6.9 | 14402 | 139.98 | 114 | 1.20 | | |
| 746 | 94 | 1.93 | 4.4 | 3.70 | ZYRX79 ZYRXF79 | 4P | 8.0 | 12532 | 121.81 | 114 | 1.35 | | |
| 900 | 78 | 1.60 | 4.2 | 3.90 | | | 6.4 | 15702 | 229.71 | 114 | 1.05 | ZPR169 ZPRF169 | 4P |
| 1036 | 67 | 1.39 | 4.0 | 4.20 | | | 7.8 | 12777 | 186.93 | 114 | 1.30 | | |
| 443 | 158 | 3.25 | 3.6 | 1.10 | | | 9.5 | 10463 | 153.07 | 114 | 1.60 | | |
| 468 | 149 | 3.08 | 3.7 | 1.25 | | | 10 | 9568 | 139.98 | 114 | 1.75 | ZPR149 ZPRF149 | 6P |
| 533 | 131 | 2.70 | 3.6 | 1.60 | | | 12 | 8326 | 121.81 | 114 | 2.00 | | |
| 593 | 118 | 2.43 | 3.5 | 1.75 | | | 14 | 7347 | 107.49 | 114 | 2.30 | | |
| 676 | 103 | 2.13 | 3.4 | 1.85 | ZYRX69 ZYRXF69 | 4P | 16 | 6370 | 93.19 | 114 | 2.70 | ZPR149 ZPRF149 | 4P |
| 766 | 91 | 1.88 | 3.3 | 2.00 | | | 18 | 5667 | 82.91 | 114 | 3.00 | | |
| 862 | 81 | 1.67 | 3.2 | 2.10 | | | 6.6 | 15115 | 146.91 | 34 | 0.80 | ZPR139 ZPRF139 | 4P |
| 1014 | 69 | 1.42 | 3.1 | 2.20 | | | 8.1 | 12332 | 119.86 | 59 | 1.00 | | |
| 567 | 123 | 2.54 | 1.4 | 0.95 | | | 8.9 | 11246 | 109.31 | 61 | 1.10 | | |
| 600 | 116 | 2.40 | 1.5 | 1.00 | | | 10 | 9733 | 94.60 | 64 | 1.25 | ZPR149 ZPRF149 | 4P |
| 706 | 99 | 2.04 | 1.7 | 1.30 | ZYR179R109 ZYRF179R109 | 4P | 12 | 8588 | 83.47 | 66 | 1.40 | | |
| 774 | 90 | 1.86 | 1.8 | 1.35 | | | 8.9 | 11163 | 163.31 | 61 | 1.10 | ZPR149 ZPRF149 | 4P |
| 894 | 78 | 1.61 | 2.0 | 1.40 | | | 9.9 | 10042 | 146.91 | 63 | 1.20 | | |
| 1029 | 68 | 1.40 | 2.0 | 1.50 | | | 12 | 8193 | 119.86 | 65 | 1.50 | | |
| 2.5 | 38313 | 590 | 128 | 1.0 | ZPR179R99 ZPRF179R99 | 4P | 13 | 7472 | 109.31 | 66 | 1.65 | ZPR149 ZPRF149 | 4P |
| 3.0 | 31949 | 492 | 128 | 1.1 | | | 15 | 6466 | 94.60 | 67 | 1.90 | | |
| 3.2 | 29222 | 450 | 128 | 1.3 | | | 17 | 5706 | 83.47 | 68 | 2.10 | | |
| 3.6 | 26170 | 403 | 128 | 1.4 | | | 20 | 4928 | 72.09 | 69 | 2.50 | ZPR139 ZPRF139 | 4P |
| 4.0 | 23637 | 364 | 128 | 1.5 | | | 22 | 4579 | 66.99 | 69 | 2.70 | | |
| 4.4 | 21494 | 331 | 128 | 1.7 | | | 24 | 4176 | 61.09 | 70 | 2.90 | | |
| 5.0 | 19026 | 293 | 128 | 1.9 | | | 28 | 3614 | 52.87 | 70 | 3.40 | | |
| 5.5 | 17273 | 266 | 128 | 2.1 | ZPR179R99 ZPRF179R99 | 4P | 10 | 9646 | 141.12 | 22 | 0.80 | ZPR139 ZPRF139 | 4P |
| 6.4 | 14871 | 229 | 128 | 2.5 | | | 11 | 8762 | 128.18 | 45 | 0.85 | | |
| 7.3 | 12987 | 200 | 128 | 2.8 | | | 13 | 7773 | 113.72 | 50 | 0.95 | | |
| 2.4 | 40326 | 621 | 128 | 0.9 | | | 14 | 7054 | 103.20 | 52 | 1.05 | | |
| 2.6 | 36559 | 563 | 128 | 1.0 | | | 16 | 6063 | 88.70 | 53 | 1.25 | | |
| 3.0 | 31235 | 481 | 128 | 1.2 | | | | | | | | | |
| 3.1 | 30975 | 477 | 128 | 1.2 | | | | | | | | | |
| 3.6 | 26494 | 408 | 128 | 1.4 | | | | | | | | | |
| 4.1 | 23117 | 356 | 128 | 1.6 | | | | | | | | | |
| 4.9 | 19156 | 295 | 128 | 1.9 | | | | | | | | | |

选型参数表

(恒功率) 11kW-15kW

Selection Table

(Constant Power) 11kW-15kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | | | |
|---------------------------|------------------------|-------|-------------------------|----------------|---------------------|------------|---------------------------|------------------------|--------|---------------------------|----------------|---------------------------|------------|--|--|--|--|
| 11kW | | | | | | | 11kW | | | | | | | | | | |
| 18 | 5531 | 80.91 | 54 | 1.35 | ZYR139 ZYRF139 | 4P | 281 | 364 | 5.19 | 8.6 | 1.85 | ZYRX109 ZYRXF109 | 4P | | | | |
| 20 | 5023 | 73.49 | 55 | 1.50 | | | 314 | 326 | 4.65 | 8.3 | 2.00 | | | | | | |
| 22 | 4457 | 65.20 | 56 | 1.70 | | | 348 | 295 | 4.20 | 8.1 | 2.70 | | | | | | |
| 25 | 4045 | 59.17 | 56 | 1.85 | | | 383 | 267 | 3.81 | 7.9 | 3.00 | | | | | | |
| 29 | 3477 | 50.86 | 57 | 2.20 | | | 432 | 237 | 3.38 | 7.7 | 3.40 | | | | | | |
| 33 | 3034 | 44.39 | 57 | 2.50 | | | 476 | 215 | 3.07 | 7.5 | 3.70 | | | | | | |
| 39 | 2574 | 37.65 | 57 | 2.90 | | | 553 | 185 | 2.64 | 7.2 | 4.30 | | | | | | |
| 44 | 2250 | 32.91 | 58 | 3.30 | | | 323 | 317 | 4.52 | 6.8 | 1.80 | | | | | | |
| 22 | 4484 | 65.60 | 23 | 0.90 | ZYR109 ZYRF109 | 4P | 361 | 283 | 4.04 | 6.6 | 2.00 | ZYRX99 ZYRXF99 | 4P | | | | |
| 25 | 4061 | 59.41 | 26 | 1.00 | | | 401 | 255 | 3.64 | 6.5 | 2.20 | | | | | | |
| 28 | 3601 | 52.68 | 26 | 1.10 | | | 442 | 232 | 3.30 | 6.3 | 2.50 | | | | | | |
| 31 | 3256 | 47.63 | 25 | 1.25 | | | 500 | 205 | 2.92 | 6.1 | 2.80 | | | | | | |
| 36 | 2759 | 40.37 | 24 | 1.45 | | | 553 | 185 | 2.64 | 6.0 | 3.10 | | | | | | |
| 41 | 2410 | 35.26 | 24 | 1.65 | | | 652 | 157 | 2.24 | 5.7 | 3.60 | | | | | | |
| 50 | 2016 | 29.49 | 23 | 2.00 | | | 745 | 138 | 1.96 | 5.5 | 4.00 | | | | | | |
| 47 | 2103 | 30.77 | 23 | 1.90 | | | 890 | 115 | 1.64 | 5.2 | 4.20 | | | | | | |
| 53 | 1885 | 27.58 | 22 | 2.10 | ZYR109 ZYRF109 | 4P | 1028 | 100 | 1.42 | 5.0 | 4.40 | ZYRX89 ZYRXF89 | 4P | | | | |
| 59 | 1702 | 24.90 | 22 | 2.40 | | | 420 | 244 | 3.48 | 4.8 | 1.60 | | | | | | |
| 65 | 1546 | 22.62 | 21 | 2.60 | | | 472 | 217 | 3.09 | 4.7 | 1.80 | | | | | | |
| 73 | 1372 | 20.07 | 21 | 2.90 | | | 529 | 194 | 2.76 | 4.6 | 2.00 | | | | | | |
| 80 | 1245 | 18.21 | 20 | 3.20 | | | 589 | 174 | 2.48 | 4.4 | 2.20 | | | | | | |
| 34 | 2924 | 42.78 | 14 | 0.95 | | | 679 | 151 | 2.15 | 4.3 | 2.50 | | | | | | |
| 39 | 2538 | 37.13 | 18 | 1.10 | | | 756 | 135 | 1.93 | 4.2 | 2.50 | | | | | | |
| 44 | 2273 | 33.25 | 18 | 1.20 | | | 913 | 112 | 1.60 | 4.0 | 2.70 | | | | | | |
| 53 | 1885 | 27.58 | 17 | 1.35 | 1050 | 98 | 1.39 | 3.8 | 2.90 | ZYRX79 ZYRXF79 | 4P | | | | | | |
| 58 | 1711 | 25.03 | 17 | 1.55 | 601 | 171 | 2.43 | 1.8 | 1.20 | | | | | | | | |
| 65 | 1529 | 22.37 | 16 | 1.65 | 685 | 149 | 2.13 | 2.0 | 1.30 | | | | | | | | |
| 72 | 1377 | 20.14 | 16 | 1.80 | 777 | 132 | 1.88 | 2.2 | 1.35 | | | | | | | | |
| 80 | 1247 | 18.24 | 16 | 1.90 | 874 | 117 | 1.67 | 2.3 | 1.40 | | | | | | | | |
| 90 | 1105 | 16.17 | 15 | 2.00 | 1028 | 100 | 1.42 | 2.5 | 1.50 | | | | | | | | |
| 100 | 999 | 14.62 | 15 | 2.20 | 15kW | | | | | | | | | | | | |
| 118 | 847 | 12.39 | 14 | 2.40 | 3.2 | 39848 | 450 | 128 | 0.9 | | | ZYR179R109 ZYRF179R109 | 4P | | | | |
| 135 | 740 | 10.83 | 14 | 2.70 | 3.6 | 35686 | 403 | 128 | 1.0 | | | | | | | | |
| 157 | 635 | 9.29 | 14 | 3.00 | 4.0 | 32232 | 364 | 128 | 1.1 | | | | | | | | |
| 174 | 573 | 8.39 | 13 | 3.30 | 4.4 | 29310 | 331 | 128 | 1.2 | | | | | | | | |
| 205 | 487 | 7.12 | 13 | 3.80 | 5.0 | 25945 | 293 | 128 | 1.4 | | | | | | | | |
| 235 | 424 | 6.21 | 12 | 4.20 | 5.5 | 23554 | 266 | 128 | 1.6 | | | | | | | | |
| 68 | 1476 | 21.60 | 13 | 0.95 | 6.4 | 20278 | 229 | 128 | 1.8 | | | | | | | | |
| 76 | 1311 | 19.18 | 12 | 1.05 | 7.3 | 17710 | 200 | 128 | 2.1 | | | | | | | | |
| 85 | 1172 | 17.15 | 12 | 1.10 | 8.6 | 14965 | 169 | 128 | 2.4 | ZYR179R99 ZYRF179R99 | 4P | | | | | | |
| 95 | 1054 | 15.42 | 12 | 1.20 | 3.0 | 42593 | 481 | 128 | 0.9 | | | | | | | | |
| 109 | 915 | 13.38 | 12 | 1.30 | 3.1 | 42238 | 477 | 128 | 0.9 | | | | | | | | |
| 122 | 819 | 11.98 | 11 | 1.40 | 3.6 | 36128 | 408 | 128 | 1.0 | | | | | | | | |
| 147 | 679 | 9.94 | 11 | 1.65 | 4.1 | 31524 | 356 | 128 | 1.2 | | | | | | | | |
| 160 | 625 | 9.15 | 11 | 1.80 | 4.9 | 26122 | 295 | 128 | 1.4 | | | | | | | | |
| 177 | 563 | 8.23 | 11 | 1.95 | 6.4 | 20278 | 229 | 114 | 0.85 | | | | | | | | |
| 204 | 488 | 7.14 | 10 | 2.10 | 7.3 | 17710 | 200 | 114 | 1.00 | | | | | | | | |
| 228 | 437 | 6.39 | 10 | 2.20 | 8.6 | 14965 | 169 | 114 | 1.20 | ZYR169R109 ZYRF169R109 | 4P | | | | | | |
| 275 | 363 | 5.31 | 9.4 | 2.30 | 6.4 | 20101 | 227 | 114 | 0.90 | | | | | | | | |
| 134 | 744 | 10.88 | 4.0 | 0.85 | 7.4 | 17533 | 198 | 114 | 1.00 | | | | | | | | |
| 151 | 659 | 9.64 | 4.8 | 0.90 | 4.1 | 33162 | 177.89 | 128 | 1.15 | | | | | | | | |
| 189 | 529 | 7.74 | 4.4 | 1.10 | 4.7 | 28888 | 154.96 | 128 | 1.30 | | | | | | | | |
| 215 | 464 | 6.79 | 5.0 | 1.15 | 5.3 | 25596 | 137.30 | 128 | 1.30 | | | | | | | | |
| 244 | 409 | 5.99 | 5.4 | 1.25 | 5.0 | 27229 | 194.08 | 128 | 1.25 | | | | | | | | |
| 275 | 363 | 5.31 | 5.8 | 1.30 | 5.5 | 24957 | 177.89 | 128 | 1.35 | | | | | | | | |
| 224 | 457 | 6.52 | 16 | 2.45 | ZYRX139 ZYRXF139 | 4P | 6.3 | 21740 | 154.96 | 128 | 1.50 | ZYR179 ZYRF179 | 6P | | | | |
| 249 | 412 | 5.87 | 12 | 3.20 | | | 7.1 | 19263 | 137.30 | 128 | 1.70 | | | | | | |
| 277 | 370 | 5.28 | 12 | 3.65 | | | | | | | | | | | | | |
| 339 | 302 | 4.31 | 10 | 3.85 | | | | | | | | | | | | | |
| 372 | 276 | 3.93 | 6.0 | 4.80 | | | | | | | | | | | | | |
| 429 | 239 | 3.40 | 6.0 | 5.60 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

选型参数表

(恒功率) 15kW

Selection Table

(Constant Power) 15kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|---------------------------|------------|------------------|---------------|-------|------------------|-------|-----------------------------|------------|
| 15kW | | | | | | | 15kW | | | | | | |
| 7.5 | 18090 | 194.08 | 128 | 1.85 | ZYR179 ZYRF179 | 4P | 53 | 2571 | 27.58 | 16 | 1.00 | ZYR99 ZYRF99 | 4P |
| 8.2 | 16581 | 177.89 | 128 | 2.05 | | | 58 | 2333 | 25.03 | 15 | 1.15 | | |
| 9.4 | 14444 | 154.96 | 128 | 2.25 | | | 65 | 2085 | 22.37 | 15 | 1.25 | | |
| 10.6 | 12798 | 137.30 | 128 | 2.60 | | | 72 | 1877 | 20.14 | 15 | 1.30 | | |
| 6.3 | 21475 | 153.07 | 114 | 0.80 | ZYR169 ZYRF169 | 6P | 80 | 1700 | 18.24 | 15 | 1.40 | ZYR99 ZYRF99 | 4P |
| 6.9 | 19639 | 139.98 | 114 | 0.85 | | | 90 | 1507 | 16.17 | 14 | 1.50 | | |
| 8.0 | 17090 | 121.81 | 114 | 1.00 | | | 100 | 1363 | 14.62 | 14 | 1.60 | | |
| 9.0 | 15080 | 107.49 | 114 | 1.15 | | | 118 | 1155 | 12.39 | 14 | 1.80 | | |
| 6.4 | 21411 | 229.71 | 114 | 0.80 | ZYR169 ZYRF169 | 4P | 135 | 1009 | 10.83 | 13 | 1.95 | | |
| 7.8 | 17424 | 186.93 | 114 | 1.00 | | | 157 | 866 | 9.29 | 13 | 2.20 | | |
| 9.5 | 14268 | 153.07 | 114 | 1.20 | | | 174 | 782 | 8.39 | 13 | 2.50 | | |
| 10 | 13048 | 139.98 | 114 | 1.30 | | | 205 | 664 | 7.12 | 12 | 2.90 | | |
| 12 | 11354 | 121.81 | 114 | 1.50 | | | 235 | 579 | 6.21 | 12 | 3.10 | | |
| 14 | 10019 | 107.49 | 114 | 1.70 | | | 281 | 485 | 5.20 | 17 | 3.70 | | |
| 16 | 8686 | 93.19 | 114 | 1.95 | | | 85 | 1599 | 17.15 | 11 | 0.85 | ZYR89 ZYRF89 | 4P |
| 18 | 7728 | 82.91 | 114 | 2.20 | | | 95 | 1437 | 15.42 | 11 | 0.90 | | |
| 20 | 6870 | 73.70 | 114 | 2.50 | | | 109 | 1247 | 13.38 | 11 | 1.00 | | |
| 22 | 6282 | 67.40 | 114 | 2.70 | | | 122 | 1117 | 11.98 | 11 | 1.05 | | |
| 8.9 | 15336 | 109.31 | 33 | 0.80 | ZYR149 ZYRF149 | 6P | 147 | 927 | 9.94 | 10 | 1.20 | | |
| 10 | 13272 | 94.60 | 57 | 0.95 | | | 160 | 853 | 9.15 | 10 | 1.35 | | |
| 12 | 11711 | 83.47 | 61 | 1.05 | | | 177 | 767 | 8.23 | 10 | 1.45 | | |
| 13 | 10114 | 72.09 | 63 | 1.20 | | | 204 | 666 | 7.14 | 10 | 1.55 | | |
| 14 | 9398 | 66.99 | 64 | 1.30 | ZYR149 ZYRF149 | 4P | 228 | 596 | 6.39 | 10 | 1.65 | ZYRX139 ZYRXF139 | 4P |
| 8.9 | 15222 | 163.31 | 34 | 0.80 | | | 275 | 495 | 5.31 | 9.1 | 1.75 | | |
| 9.9 | 13694 | 146.91 | 54 | 0.90 | | | 224 | 624 | 6.52 | 16 | 1.80 | | |
| 12 | 11172 | 119.86 | 62 | 1.10 | | | 249 | 562 | 5.87 | 12 | 2.35 | | |
| 13 | 10189 | 109.31 | 63 | 1.20 | | | 277 | 505 | 5.28 | 12 | 2.65 | | |
| 15 | 8818 | 94.60 | 65 | 1.40 | | | 339 | 412 | 4.31 | 10 | 2.80 | | |
| 17 | 7780 | 83.47 | 66 | 1.60 | | | 372 | 376 | 3.93 | 6.0 | 3.50 | | |
| 21 | 6720 | 72.09 | 68 | 1.85 | | | 429 | 325 | 3.40 | 5.9 | 4.15 | | |
| 22 | 6244 | 66.99 | 68 | 2.00 | | | 487 | 287 | 3.00 | 5.9 | 4.90 | | |
| 24 | 5694 | 61.09 | 68 | 2.20 | | | 564 | 248 | 2.59 | 6.5 | 5.20 | | |
| 28 | 4928 | 52.87 | 69 | 2.50 | | | 638 | 219 | 2.29 | 6.1 | 5.35 | | |
| 31 | 4348 | 46.65 | 69 | 2.80 | | | 281 | 497 | 5.19 | 8.0 | 1.35 | ZYRX109 ZYRXF109 | 4P |
| 36 | 3755 | 40.29 | 69 | 3.30 | | | 314 | 445 | 4.65 | 7.8 | 1.50 | | |
| 41 | 3322 | 35.64 | 69 | 3.70 | | | 348 | 402 | 4.20 | 7.7 | 2.00 | | |
| 14 | 9619 | 103.20 | 29 | 0.80 | ZYR139 ZYRF139 | 4P | 383 | 365 | 3.81 | 7.5 | 2.20 | | |
| 16 | 8268 | 88.70 | 48 | 0.90 | | | 432 | 323 | 3.38 | 7.3 | 2.50 | | |
| 18 | 7542 | 80.91 | 51 | 1.00 | | | 476 | 294 | 3.07 | 7.2 | 2.80 | | |
| 20 | 6850 | 73.49 | 52 | 1.10 | | | 553 | 253 | 2.64 | 6.9 | 3.20 | | |
| 22 | 6077 | 65.20 | 54 | 1.25 | | | 635 | 220 | 2.30 | 6.7 | 3.70 | | |
| 25 | 5515 | 59.17 | 54 | 1.40 | | | 749 | 187 | 1.95 | 6.4 | 4.00 | | |
| 29 | 4741 | 50.86 | 55 | 1.60 | | | 854 | 164 | 1.71 | 6.1 | 4.20 | | |
| 33 | 4138 | 44.39 | 56 | 1.85 | | | 1014 | 138 | 1.44 | 5.9 | 4.60 | | |
| 39 | 3509 | 37.65 | 57 | 2.20 | | | 323 | 432 | 4.52 | 6.3 | 1.35 | ZYRX99 ZYRXF99 | 4P |
| 44 | 3068 | 32.91 | 57 | 2.50 | | | 361 | 387 | 4.04 | 6.2 | 1.50 | | |
| 52 | 2594 | 27.83 | 57 | 2.80 | | | 401 | 348 | 3.64 | 6.1 | 1.65 | | |
| 61 | 2248 | 24.12 | 57 | 3.20 | ZYR139 ZYRF139 | 4P | 442 | 316 | 3.30 | 6.0 | 1.85 | | |
| 66 | 2051 | 22.00 | 57 | 3.50 | | | 500 | 279 | 2.92 | 5.8 | 2.10 | | |
| 77 | 1775 | 19.04 | 57 | 4.00 | | | 553 | 253 | 2.64 | 5.7 | 2.30 | | |
| 31 | 4440 | 47.63 | 23 | 0.90 | ZYR109 ZYRF109 | 4P | 652 | 214 | 2.24 | 5.4 | 2.70 | | |
| 36 | 3763 | 40.37 | 23 | 1.10 | | | 745 | 188 | 1.96 | 5.3 | 3.00 | | |
| 41 | 3287 | 35.26 | 22 | 1.25 | | | 890 | 157 | 1.64 | 5.0 | 3.20 | | |
| 50 | 2749 | 29.49 | 21 | 1.50 | | | 1028 | 136 | 1.42 | 4.8 | 3.30 | | |
| 47 | 2868 | 30.77 | 22 | 1.40 | ZYR109 ZYRF109 | 4P | 420 | 333 | 3.48 | 4.0 | 1.20 | ZYRX89 ZYRXF89 | 4P |
| 53 | 2571 | 27.58 | 21 | 1.60 | | | 472 | 296 | 3.09 | 4.3 | 1.35 | | |
| 59 | 2321 | 24.90 | 21 | 1.75 | | | 529 | 264 | 2.76 | 4.2 | 1.50 | | |
| 65 | 2108 | 22.62 | 20 | 1.95 | | | 589 | 237 | 2.48 | 4.1 | 1.65 | | |
| 73 | 1871 | 20.07 | 20 | 2.20 | | | 679 | 206 | 2.15 | 4.0 | 1.80 | | |
| 80 | 1697 | 18.21 | 19 | 2.40 | | | 756 | 185 | 1.93 | 3.9 | 1.90 | | |
| 93 | 1459 | 15.65 | 19 | 2.80 | | | 913 | 153 | 1.60 | 3.8 | 2.00 | | |
| 107 | 1273 | 13.66 | 18 | 3.20 | | | 1050 | 133 | 1.39 | 3.6 | 2.10 | | |

选型参数表

(恒功率) 18.5kW

Selection Table

(Constant Power) 18.5kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|-----------------------------------|------------|------------------|---------------|-------|------------------|-------|-----------------------------|------------|
| 18.5kW | | | | | | | 18.5kW | | | | | | |
| 4.0 | 39483 | 364 | 128 | 0.9 | ZYR179R109 ZYRF179R109 | 4P | 59 | 2843 | 24.90 | 20 | 1.45 | ZYR109 ZYRF109 | 4P |
| 4.4 | 35903 | 331 | 128 | 1.0 | | | 65 | 2583 | 22.62 | 20 | 1.60 | | |
| 5.0 | 31781 | 293 | 128 | 1.2 | | | 73 | 2292 | 20.07 | 19 | 1.80 | | |
| 5.5 | 28853 | 266 | 128 | 1.3 | | | 81 | 2079 | 18.21 | 19 | 1.95 | | |
| 6.4 | 24839 | 229 | 128 | 1.5 | | | 94 | 1787 | 15.65 | 18 | 2.30 | | |
| 7.4 | 21694 | 200 | 128 | 1.7 | | | 108 | 1560 | 13.66 | 18 | 2.60 | | |
| 8.7 | 18331 | 169 | 128 | 2.0 | | | 127 | 1323 | 11.59 | 17 | 3.10 | | |
| 3.6 | 44255 | 408 | 128 | 0.8 | ZYR179R99 ZYRF179R99 | 4P | 145 | 1157 | 10.13 | 16 | 3.50 | | |
| 4.1 | 38615 | 356 | 128 | 0.9 | | | 187 | 897 | 7.86 | 15 | 3.10 | | |
| 5.0 | 31998 | 295 | 128 | 1.1 | | | 221 | 760 | 6.66 | 15 | 3.70 | | |
| 5.5 | 30781 | 177.89 | 128 | 1.10 | ZYR179 ZYRF179 | 6P | 73 | 2300 | 20.14 | 14 | 1.05 | ZYR99 ZYRF99 | 4P |
| 6.3 | 26813 | 154.96 | 128 | 1.20 | | | 81 | 2083 | 18.24 | 14 | 1.15 | | |
| 7.1 | 23757 | 137.30 | 128 | 1.40 | | | 91 | 1846 | 16.17 | 14 | 1.25 | | |
| 7.6 | 22160 | 194.08 | 128 | 1.50 | ZYR179 ZYRF179 | 4P | 101 | 1669 | 14.62 | 13 | 1.30 | | |
| 8.3 | 20311 | 177.89 | 128 | 1.65 | | | 119 | 1415 | 12.39 | 13 | 1.45 | | |
| 9.5 | 17693 | 154.96 | 128 | 1.85 | | | 136 | 1237 | 10.83 | 13 | 1.60 | | |
| 10.7 | 15677 | 137.30 | 128 | 2.10 | | | 158 | 1061 | 9.29 | 13 | 1.80 | | |
| 7.9 | 21343 | 186.93 | 114 | 0.80 | ZYR169 ZYRF169 | 4P | 175 | 958 | 8.39 | 12 | 2.00 | | |
| 9.6 | 17477 | 153.07 | 114 | 1.00 | | | 206 | 813 | 7.12 | 12 | 2.30 | | |
| 11 | 15983 | 139.98 | 114 | 1.05 | | | 237 | 709 | 6.21 | 11 | 2.50 | | |
| 12 | 13908 | 121.81 | 114 | 1.25 | | | 283 | 594 | 5.20 | 11 | 2.80 | | |
| 14 | 12273 | 107.49 | 114 | 1.40 | | | 327 | 514 | 4.50 | 11 | 3.00 | | |
| 16 | 10640 | 93.19 | 114 | 1.60 | | | 110 | 1528 | 13.38 | 10 | 0.80 | ZYR89 ZYRF89 | 4P |
| 18 | 9466 | 82.91 | 114 | 1.80 | | | 123 | 1368 | 11.98 | 9.9 | 0.85 | | |
| 20 | 8415 | 73.70 | 114 | 2.00 | | | 148 | 1135 | 9.94 | 9.7 | 1.00 | | |
| 22 | 7696 | 67.40 | 114 | 2.20 | | | 161 | 1045 | 9.15 | 10 | 1.10 | | |
| 25 | 6697 | 58.65 | 114 | 2.50 | | | 179 | 940 | 8.23 | 9.8 | 1.15 | | |
| 28 | 5910 | 51.76 | 114 | 2.80 | | | 206 | 815 | 7.14 | 9.5 | 1.25 | | |
| 33 | 5123 | 44.87 | 114 | 3.20 | | | 230 | 730 | 6.39 | 9.3 | 1.30 | | |
| 12 | 13685 | 119.86 | 54 | 0.90 | ZYR149 ZYRF149 | 4P | 277 | 606 | 5.31 | 8.9 | 1.40 | | |
| 13 | 12481 | 109.31 | 59 | 1.00 | | | 341 | 492 | 4.31 | 10 | 2.30 | ZYRX139 ZYRXF139 | 4P |
| 16 | 10801 | 94.60 | 62 | 1.15 | | | 374 | 449 | 3.93 | 5.9 | 2.90 | | |
| 18 | 9530 | 83.47 | 64 | 1.30 | | | 432 | 388 | 3.40 | 5.9 | 3.40 | | |
| 20 | 8231 | 72.09 | 66 | 1.50 | | | 490 | 343 | 3.00 | 6.5 | 4.00 | | |
| 22 | 7649 | 66.99 | 67 | 1.60 | | | 568 | 296 | 2.59 | 6.9 | 4.25 | | |
| 24 | 6975 | 61.09 | 67 | 1.75 | | | 642 | 261 | 2.29 | 5.9 | 4.35 | ZYRX109 ZYRXF109 | 4P |
| 28 | 6037 | 52.87 | 68 | 2.00 | | | 762 | 220 | 1.93 | 6.0 | 4.90 | | |
| 32 | 5326 | 46.65 | 69 | 2.30 | | | 350 | 480 | 4.20 | 7.3 | 1.65 | | |
| 36 | 4600 | 40.29 | 69 | 2.70 | | | 386 | 435 | 3.81 | 7.2 | 1.80 | | |
| 41 | 4069 | 35.64 | 69 | 3.00 | | | 435 | 386 | 3.38 | 7.0 | 2.00 | | |
| 49 | 3420 | 29.95 | 69 | 3.50 | | | 479 | 351 | 3.07 | 6.9 | 2.20 | | |
| 18 | 9238 | 80.91 | 37 | 0.80 | ZYR139 ZYRF139 | 4P | 557 | 301 | 2.64 | 6.7 | 2.60 | | |
| 20 | 8391 | 73.49 | 48 | 0.90 | | | 639 | 263 | 2.30 | 6.4 | 3.00 | | |
| 23 | 7444 | 65.20 | 51 | 1.00 | | | 754 | 223 | 1.95 | 6.2 | 3.20 | | |
| 25 | 6756 | 59.17 | 52 | 1.10 | | | 860 | 195 | 1.71 | 6.0 | 3.40 | | |
| 29 | 5807 | 50.86 | 54 | 1.30 | | | 1021 | 164 | 1.44 | 5.7 | 3.70 | ZYRX99 ZYRXF99 | 4P |
| 33 | 5068 | 44.39 | 55 | 1.50 | | | 404 | 416 | 3.64 | 5.8 | 1.35 | | |
| 39 | 4299 | 37.65 | 56 | 1.75 | | | 445 | 377 | 3.30 | 5.7 | 1.50 | | |
| 45 | 3758 | 32.91 | 57 | 2.00 | | | 503 | 333 | 2.92 | 5.5 | 1.70 | | |
| 53 | 3178 | 27.83 | 57 | 2.30 | | | 557 | 301 | 2.64 | 5.4 | 1.85 | | |
| 50 | 3376 | 29.57 | 57 | 2.20 | ZYR139 ZYRF139 | 4P | 656 | 256 | 2.24 | 5.2 | 2.20 | | |
| 61 | 2754 | 24.12 | 57 | 2.80 | | | 750 | 224 | 1.96 | 5.1 | 2.40 | ZYRX89 ZYRXF89 | 4P |
| 67 | 2512 | 22.00 | 58 | 3.00 | | | 896 | 187 | 1.64 | 4.9 | 2.60 | | |
| 77 | 2174 | 19.04 | 58 | 3.50 | | | 1035 | 162 | 1.42 | 4.7 | 2.70 | | |
| 88 | 1918 | 16.80 | 58 | 4.00 | | | 533 | 315 | 2.76 | 2.9 | 1.20 | | |
| 36 | 4609 | 40.37 | 19 | 0.90 | ZYR109 ZYRF109 | 4P | 593 | 283 | 2.48 | 3.2 | 1.35 | | |
| 42 | 4026 | 35.26 | 21 | 1.00 | | | 684 | 245 | 2.15 | 3.4 | 1.50 | | |
| 50 | 3367 | 29.49 | 20 | 1.20 | | | 762 | 220 | 1.93 | 3.6 | 1.55 | | |
| | | | | | | | 919 | 183 | 1.60 | 3.6 | 1.65 | | |
| | | | | | | | 1058 | 159 | 1.39 | 3.5 | 1.75 | | |

选型参数表

(恒功率) 22kW-30kW

Selection Table

(Constant Power) 22kW-30kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|--------|-------------------------|----------------|---------------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|---------------------------|------------|--|--|
| 22kW | | | | | | | 22kW | | | | | | | | |
| 4.4 | 42696 | 331 | 128 | 0.9 | ZYR179R109 ZYRF179R109 | 4P | 94 | 2125 | 15.65 | 18 | 1.90 | ZYR109 ZYRF109 | 4P | | |
| 5.0 | 37794 | 293 | 128 | 1.0 | | | 108 | 1855 | 13.66 | 17 | 2.20 | | | | |
| 5.5 | 34311 | 266 | 128 | 1.1 | | | 127 | 1574 | 11.59 | 16 | 2.60 | | | | |
| 6.4 | 29539 | 229 | 128 | 1.2 | | | 145 | 1375 | 10.13 | 16 | 3.00 | | | | |
| 7.4 | 25798 | 200 | 128 | 1.4 | | | 172 | 1162 | 8.56 | 15 | 3.50 | | | | |
| 8.7 | 21799 | 169 | 128 | 1.7 | | | 187 | 1067 | 7.86 | 15 | 2.60 | | | | |
| 5.0 | 38052 | 295 | 128 | 1.0 | ZYR179R99 ZYRF179R99 | 4P | 221 | 904 | 6.66 | 15 | 3.10 | | | | |
| | | | | | | | 253 | 790 | 5.82 | 14 | 3.60 | | | | |
| 5.5 | 36604 | 177.89 | 128 | 0.90 | ZYR179 ZYRF179 | 6P | 73 | 2735 | 20.14 | 13 | 0.90 | ZYR99 ZYRF99 | 4P | | |
| 6.3 | 31886 | 154.96 | 128 | 1.05 | | | 81 | 2477 | 18.24 | 13 | 0.95 | | | | |
| 7.1 | 28252 | 137.30 | 128 | 1.15 | | | 91 | 2196 | 16.17 | 13 | 1.05 | | | | |
| 7.6 | 26352 | 194.08 | 128 | 1.25 | ZYR179 ZYRF179 | 4P | 101 | 1985 | 14.62 | 13 | 1.10 | | | | |
| 8.3 | 24154 | 177.89 | 128 | 1.40 | | | 119 | 1682 | 12.39 | 13 | 1.25 | | | | |
| 9.5 | 21040 | 154.96 | 128 | 1.55 | | | 136 | 1470 | 10.83 | 12 | 1.35 | | | | |
| 10.7 | 18642 | 137.30 | 128 | 1.75 | | | 158 | 1261 | 9.29 | 12 | 1.50 | | | | |
| 9.6 | 20784 | 153.07 | 114 | 0.80 | | | 175 | 1139 | 8.39 | 12 | 1.70 | | | | |
| 11 | 19006 | 139.98 | 114 | 0.90 | | | 206 | 967 | 7.12 | 12 | 1.95 | | | | |
| 12 | 16539 | 121.81 | 114 | 1.05 | ZYR169 ZYRF169 | 4P | 237 | 843 | 6.21 | 11 | 2.10 | | | | |
| 14 | 14595 | 107.49 | 114 | 1.15 | | | 283 | 706 | 5.20 | 11 | 2.40 | | | | |
| 16 | 12653 | 93.19 | 114 | 1.35 | | | 327 | 611 | 4.50 | 10 | 2.50 | | | | |
| 18 | 11257 | 82.91 | 114 | 1.50 | | | 148 | 1350 | 9.94 | 9.2 | 0.85 | | | | |
| 20 | 10007 | 73.70 | 114 | 1.70 | | | 161 | 1242 | 9.15 | 10 | 0.90 | | | | |
| 22 | 9151 | 67.40 | 114 | 1.85 | | | 179 | 1117 | 8.23 | 9.5 | 1.00 | | | | |
| 25 | 7963 | 58.65 | 114 | 2.10 | | | 206 | 969 | 7.14 | 9.2 | 1.05 | | | | |
| 28 | 7028 | 51.76 | 114 | 2.40 | | | 230 | 868 | 6.39 | 9.0 | 1.10 | | | | |
| 33 | 6092 | 44.87 | 114 | 2.80 | | | 277 | 721 | 5.31 | 8.7 | 1.20 | | | | |
| 37 | 5420 | 39.92 | 114 | 3.10 | | | 341 | 585 | 4.31 | 10 | 1.90 | | | | |
| 43 | 4672 | 34.41 | 114 | 3.50 | | | 374 | 534 | 3.93 | 5.9 | 2.40 | | | | |
| 13 | 14842 | 109.31 | 39 | 0.85 | | | 432 | 462 | 3.40 | 5.9 | 2.85 | | | | |
| 16 | 12845 | 94.60 | 58 | 0.95 | | | 490 | 407 | 3.00 | 6.5 | 3.40 | | | | |
| 18 | 11333 | 83.47 | 61 | 1.10 | 568 | 352 | 2.59 | 6.9 | 3.60 | | | | | | |
| 20 | 9788 | 72.09 | 64 | 1.25 | 642 | 311 | 2.29 | 5.9 | 3.65 | | | | | | |
| 22 | 9096 | 66.99 | 65 | 1.35 | 762 | 262 | 1.93 | 6.0 | 4.10 | | | | | | |
| 24 | 8295 | 61.09 | 66 | 1.50 | 350 | 570 | 4.20 | 7.0 | 1.40 | | | | | | |
| 28 | 7179 | 52.87 | 67 | 1.70 | 386 | 517 | 3.81 | 6.9 | 1.50 | | | | | | |
| 32 | 6334 | 46.65 | 68 | 1.95 | 435 | 459 | 3.38 | 6.7 | 1.70 | | | | | | |
| 36 | 5471 | 40.29 | 69 | 2.20 | 479 | 417 | 3.07 | 6.6 | 1.90 | | | | | | |
| 41 | 4839 | 35.64 | 69 | 2.50 | 557 | 358 | 2.64 | 6.4 | 2.20 | | | | | | |
| 49 | 4067 | 29.95 | 70 | 3.00 | 639 | 312 | 2.30 | 6.2 | 2.50 | | | | | | |
| 23 | 8853 | 65.20 | 45 | 0.85 | 754 | 265 | 1.95 | 6.0 | 2.70 | | | | | | |
| 25 | 8034 | 59.17 | 49 | 0.95 | 860 | 232 | 1.71 | 5.8 | 2.90 | | | | | | |
| 29 | 6906 | 50.86 | 52 | 1.10 | 1021 | 196 | 1.44 | 5.6 | 3.10 | | | | | | |
| 33 | 6027 | 44.39 | 54 | 1.25 | 404 | 494 | 3.64 | 5.4 | 1.15 | | | | | | |
| 39 | 5112 | 37.65 | 55 | 1.50 | 445 | 448 | 3.30 | 5.4 | 1.25 | | | | | | |
| 45 | 4468 | 32.91 | 56 | 1.70 | 503 | 396 | 2.92 | 5.3 | 1.40 | | | | | | |
| 53 | 3779 | 27.83 | 57 | 1.90 | 557 | 358 | 2.64 | 5.2 | 1.55 | | | | | | |
| 50 | 4015 | 29.57 | 56 | 1.85 | 656 | 304 | 2.24 | 5.0 | 1.85 | | | | | | |
| 61 | 3275 | 24.12 | 57 | 2.30 | 750 | 266 | 1.96 | 4.9 | 2.00 | | | | | | |
| 67 | 2987 | 22.00 | 57 | 2.50 | 896 | 223 | 1.64 | 4.7 | 2.20 | | | | | | |
| 77 | 2585 | 19.04 | 57 | 2.90 | 1035 | 193 | 1.42 | 4.6 | 2.20 | | | | | | |
| 88 | 2281 | 16.80 | 58 | 3.30 | 533 | 385 | 2.76 | 1.2 | 1.00 | | | | | | |
| 101 | 1970 | 14.51 | 58 | 3.80 | 593 | 346 | 2.48 | 1.6 | 1.15 | | | | | | |
| 115 | 1742 | 12.83 | 58 | 4.30 | 684 | 300 | 2.15 | 2.1 | 1.25 | | | | | | |
| 42 | 4788 | 35.26 | 6.9 | 0.85 | ZYR109 ZYRF109 | 4P | 762 | 269 | 1.93 | 2.3 | 1.30 | ZYR89 ZYRF89 | 4P | | |
| 50 | 4004 | 29.49 | 19 | 1.00 | ZYR109 ZYRF109 | 4P | 919 | 223 | 1.60 | 2.6 | 1.35 | | | | |
| 59 | 3381 | 24.90 | 19 | 1.20 | | | 1058 | 194 | 1.39 | 2.9 | 1.45 | | | | |
| 65 | 3071 | 22.62 | 19 | 1.35 | | | 30kW | | | | | | | | |
| 73 | 2725 | 20.07 | 18 | 1.50 | | | 6.4 | 40280 | 229 | 128 | 0.9 | ZYR179R109 ZYRF179R109 | 4P | | |
| 81 | 2473 | 18.21 | 18 | 1.65 | | | 7.4 | 35179 | 200 | 128 | 1.0 | | | | |
| | | | | | 8.7 | 29726 | 169 | 128 | 1.2 | | | | | | |

选型参数表

(恒功率) 30kW-37kW

Selection Table

(Constant Power) 30kW-37kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|-------------------|------------|------------------|---------------|--------|------------------|-------|---------------------------|------------|
| 30kW | | | | | | | 30kW | | | | | | |
| 8.3 | 32937 | 177.89 | 128 | 1.00 | ZYR179 ZYRF179 | 4P | 101 | 2707 | 14.62 | 11 | 0.80 | ZYR99 ZYRF99 | 4P |
| 9.5 | 28691 | 154.96 | 128 | 1.15 | | | 119 | 2294 | 12.39 | 11 | 0.90 | | |
| 10.7 | 25422 | 137.30 | 128 | 1.30 | | | 136 | 2005 | 10.83 | 11 | 1.00 | | |
| 12.3 | 22192 | 119.86 | 128 | 1.65 | | | 158 | 1720 | 9.29 | 12 | 1.10 | | |
| 13.7 | 19841 | 107.16 | 128 | 1.85 | | | 175 | 1553 | 8.39 | 11 | 1.25 | | |
| 16.0 | 16967 | 91.64 | 128 | 2.05 | | | 206 | 1318 | 7.12 | 11 | 1.45 | | |
| 19.4 | 14064 | 75.96 | 128 | 2.40 | | | 237 | 1150 | 6.21 | 11 | 1.55 | | |
| 21.9 | 12409 | 67.02 | 128 | 2.95 | | | 283 | 963 | 5.20 | 10 | 1.75 | | |
| 25.6 | 10613 | 57.32 | 128 | 3.30 | | | 327 | 833 | 4.50 | 10 | 1.85 | | |
| 14 | 19902 | 107.49 | 114 | 0.85 | ZYR169 ZYRF169 | 4P | 374 | 760 | 3.93 | 5.9 | 1.80 | ZYRX139 ZYRXF139 | 4P |
| 16 | 17254 | 93.19 | 114 | 1.00 | | | 432 | 694 | 3.40 | 5.9 | 2.10 | | |
| 18 | 15351 | 82.91 | 114 | 1.10 | | | 490 | 604 | 3.00 | 6.5 | 2.50 | | |
| 20 | 13646 | 73.70 | 114 | 1.25 | | | 568 | 532 | 2.59 | 6.9 | 2.60 | | |
| 22 | 12479 | 67.40 | 114 | 1.35 | | | 642 | 452 | 2.29 | 5.9 | 2.70 | | |
| 25 | 10859 | 58.65 | 114 | 1.55 | | | 762 | 398 | 1.93 | 6.0 | 3.00 | | |
| 28 | 9584 | 51.76 | 114 | 1.80 | | | 435 | 642 | 3.38 | 6.1 | 1.25 | ZYRX109 ZYRXF109 | 4P |
| 33 | 8308 | 44.87 | 114 | 2.10 | | | 479 | 583 | 3.07 | 6.0 | 1.40 | | |
| 37 | 7391 | 39.92 | 114 | 2.30 | | | 557 | 502 | 2.64 | 5.9 | 1.60 | | |
| 43 | 6371 | 34.41 | 114 | 2.70 | | | 639 | 437 | 2.30 | 5.7 | 1.85 | | |
| 53 | 5177 | 27.96 | 114 | 3.30 | | | 754 | 371 | 1.95 | 5.6 | 2.00 | | |
| 62 | 4390 | 23.71 | 114 | 3.90 | | | 860 | 325 | 1.71 | 5.4 | 2.10 | ZYRX99 ZYRXF99 | 4P |
| 18 | 15455 | 83.47 | 31 | 0.80 | 1021 | 274 | 1.44 | 5.2 | 2.30 | | | | |
| 20 | 13348 | 72.09 | 57 | 0.95 | 503 | 555 | 2.92 | 3.0 | 1.05 | | | | |
| 22 | 12403 | 66.99 | 59 | 1.00 | 557 | 502 | 2.64 | 3.4 | 1.15 | | | | |
| 24 | 11311 | 61.09 | 61 | 1.10 | 656 | 426 | 2.24 | 3.8 | 1.35 | | | | |
| 28 | 9789 | 52.87 | 64 | 1.25 | 750 | 373 | 1.96 | 4.2 | 1.50 | | | | |
| 32 | 8637 | 46.65 | 66 | 1.45 | 896 | 312 | 1.64 | 4.4 | 1.60 | | | | |
| 36 | 7460 | 40.29 | 67 | 1.65 | 1035 | 270 | 1.42 | 4.2 | 1.65 | | | | |
| 41 | 6599 | 35.64 | 68 | 1.85 | 37kW | | | | | | | | |
| 49 | 5545 | 29.95 | 69 | 2.20 | ZYR149 ZYRF149 | 4P | 7.4 | 43094 | 200 | 128 | 0.85 | ZYR179R109 ZYRF179R109 | 4P |
| 61 | 4479 | 24.19 | 69 | 2.50 | | | 8.8 | 36415 | 169 | 128 | 1.0 | | |
| 72 | 3785 | 20.44 | 70 | 3.00 | | | 8.3 | 40348 | 177.89 | 128 | 0.85 | ZYR179 ZYRF179 | 4P |
| 81 | 3340 | 18.04 | 70 | 3.00 | | | 9.6 | 35147 | 154.96 | 128 | 0.95 | | |
| 94 | 2896 | 15.64 | 70 | 4.30 | | | 10.8 | 31141 | 137.30 | 128 | 1.05 | | |
| 29 | 9417 | 50.86 | 34 | 0.80 | ZYR139 ZYRF139 | 4P | 12.3 | 27186 | 119.86 | 128 | 1.35 | | |
| 33 | 8219 | 44.39 | 49 | 0.90 | | | 13.8 | 24305 | 107.16 | 128 | 1.50 | | |
| 39 | 6971 | 37.65 | 52 | 1.10 | | | 16.2 | 20785 | 91.64 | 128 | 1.70 | | |
| 45 | 6093 | 32.91 | 54 | 1.25 | | | 19.5 | 17229 | 75.96 | 128 | 1.95 | | |
| 53 | 5153 | 27.83 | 55 | 1.40 | | | 22.1 | 15201 | 67.02 | 128 | 2.40 | | |
| 61 | 4466 | 24.12 | 56 | 1.70 | ZYR139 ZYRF139 | 4P | 25.8 | 13001 | 57.32 | 128 | 2.70 | ZYR169 ZYRF169 | 4P |
| 67 | 4073 | 22.00 | 56 | 1.85 | | | 31.2 | 10776 | 47.51 | 128 | 3.15 | | |
| 77 | 3525 | 19.04 | 57 | 2.20 | | | 36.3 | 9236 | 40.72 | 128 | 3.85 | | |
| 88 | 3111 | 16.80 | 57 | 2.40 | | | 44.6 | 7526 | 33.18 | 128 | 4.50 | | |
| 101 | 2687 | 14.51 | 57 | 2.80 | | | 16 | 21137 | 93.19 | 114 | 0.80 | | |
| 115 | 2376 | 12.83 | 55 | 3.20 | | | 18 | 18805 | 82.91 | 114 | 0.90 | | |
| 136 | 1998 | 10.79 | 54 | 3.80 | | | 20 | 16716 | 73.70 | 114 | 1.00 | | |
| 194 | 1405 | 7.59 | 51 | 3.50 | | | 22 | 15287 | 67.40 | 114 | 1.10 | | |
| 230 | 1181 | 6.38 | 49 | 4.10 | | | 25 | 13303 | 58.65 | 114 | 1.30 | | |
| 73 | 3716 | 20.07 | 17 | 1.10 | ZYR109 ZYRF109 | 4P | 29 | 11740 | 51.76 | 114 | 1.45 | | |
| 81 | 3372 | 18.21 | 17 | 1.20 | | | 33 | 10177 | 44.87 | 114 | 1.65 | | |
| 94 | 2898 | 15.65 | 16 | 1.40 | | | 37 | 9054 | 39.92 | 114 | 1.90 | | |
| 108 | 2529 | 13.66 | 16 | 1.60 | | | 43 | 7805 | 34.41 | 114 | 2.20 | | |
| 127 | 2146 | 11.59 | 15 | 1.90 | | | 53 | 6342 | 27.96 | 114 | 2.70 | | |
| 145 | 1876 | 10.13 | 15 | 2.20 | | | 48 | 6965 | 30.71 | 114 | 1.35 | ZYR169 ZYRF169 | 4P |
| 172 | 1585 | 8.56 | 15 | 2.60 | | | 60 | 5573 | 24.57 | 114 | 2.40 | | |
| 187 | 1455 | 7.86 | 15 | 1.95 | | | 68 | 4956 | 21.85 | 114 | 2.50 | | |
| 221 | 1233 | 6.66 | 14 | 2.30 | | | 78 | 4316 | 19.03 | 114 | 3.50 | | |
| 253 | 1078 | 5.82 | 14 | 2.60 | | | 87 | 3851 | 16.98 | 114 | 3.70 | | |
| 299 | 911 | 4.92 | 13 | 3.00 | | | | | | | | | |

选型参数表

(恒功率) 37kW-45kW

Selection Table

(Constant Power) 37kW-45kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | | |
|------------------|---------------|--------|------------------|-------|-------------------|------------|------------------|---------------|-------|---------------------|-------|-------------------|------------|-------------------|----|
| 37kW | | | | | | | 45kW | | | | | | | | |
| 22 | 15194 | 66.99 | 33 | 0.80 | ZYR149 ZYRF149 | 4P | 36 | 11233 | 40.72 | 128 | 3.15 | ZYR179 | 4P | | |
| 24 | 13856 | 61.09 | 51 | 0.90 | | | 45 | 9153 | 33.18 | 128 | 3.70 | ZYRF179 | | | |
| 28 | 11992 | 52.87 | 60 | 1.00 | | | 50 | 8251 | 29.60 | 116 | 2.25 | ZYR179 ZYRF179 | 4P | | |
| 32 | 10581 | 46.65 | 63 | 1.15 | | | 58 | 7164 | 25.70 | 116 | 2.60 | | | | |
| 37 | 9138 | 40.29 | 65 | 1.35 | | | 63 | 6501 | 23.32 | 105 | 3.25 | | | | |
| 42 | 8084 | 35.64 | 66 | 1.50 | | | 74 | 5600 | 20.09 | 105 | 4.35 | | | | |
| 49 | 6793 | 29.95 | 68 | 1.80 | | | 20 | 20330 | 73.70 | 114 | 0.85 | ZYR169 ZYRF169 | 4P | | |
| 61 | 5487 | 24.19 | 69 | 2.00 | 22 | 18592 | 67.40 | 114 | 0.90 | | | | | | |
| 72 | 4636 | 20.44 | 69 | 2.40 | 25 | 16179 | 58.65 | 114 | 1.05 | | | | | | |
| 82 | 4092 | 18.04 | 70 | 2.40 | 29 | 14278 | 51.76 | 114 | 1.20 | | | | | | |
| 95 | 3547 | 15.64 | 70 | 3.50 | 33 | 12378 | 44.87 | 114 | 1.35 | | | | | | |
| 106 | 3155 | 13.91 | 70 | 3.80 | 37 | 11012 | 39.92 | 114 | 1.55 | | | | | | |
| 39 | 8539 | 37.65 | 47 | 0.90 | 43 | 9492 | 34.41 | 114 | 1.80 | ZYR139 ZYRF139 | 4P | | | | |
| 45 | 7464 | 32.91 | 51 | 1.00 | 53 | 7713 | 27.96 | 114 | 2.20 | | | | | | |
| 53 | 6312 | 27.83 | 53 | 1.15 | 62 | 6540 | 23.71 | 114 | 2.60 | | | | | | |
| 61 | 5471 | 24.12 | 54 | 1.40 | 48 | 8471 | 30.71 | 114 | 1.10 | | | ZYR169 ZYRF169 | 4P | | |
| 67 | 4990 | 22.00 | 55 | 1.50 | 60 | 6778 | 24.57 | 114 | 1.95 | | | | | | |
| 78 | 4319 | 19.04 | 55 | 1.75 | 68 | 6027 | 21.85 | 114 | 2.00 | | | | | | |
| 88 | 3810 | 16.80 | 54 | 2.00 | 78 | 5249 | 19.03 | 114 | 2.90 | | | | | | |
| 102 | 3291 | 14.51 | 54 | 2.30 | 87 | 4684 | 16.98 | 114 | 3.00 | | | | | | |
| 115 | 2910 | 12.83 | 53 | 2.60 | 102 | 3994 | 14.48 | 114 | 3.50 | ZYR149 ZYRF149 | 4P | | | | |
| 137 | 2447 | 10.79 | 52 | 3.10 | 28 | 14584 | 52.87 | 42 | 0.85 | | | | | | |
| 170 | 1976 | 8.71 | 50 | 3.70 | 32 | 12869 | 46.65 | 58 | 0.95 | | | | | | |
| 195 | 1722 | 7.59 | 49 | 2.80 | 37 | 11114 | 40.29 | 62 | 1.10 | | | | | | |
| 232 | 1447 | 6.38 | 48 | 3.30 | 42 | 9831 | 35.64 | 64 | 1.25 | | | ZYR149 ZYRF149 | 4P | | |
| 287 | 1168 | 5.15 | 45 | 3.70 | 49 | 8262 | 29.95 | 66 | 1.50 | | | | | | |
| 74 | 4552 | 20.07 | 15 | 0.90 | 61 | 6673 | 24.19 | 69 | 1.70 | | | | | | |
| 81 | 4130 | 18.21 | 15 | 1.00 | 72 | 5638 | 20.44 | 69 | 2.00 | ZYR149 ZYRF149 | 4P | | | | |
| 95 | 3550 | 15.65 | 15 | 1.15 | 82 | 4976 | 18.04 | 69 | 2.00 | | | | | | |
| 108 | 3098 | 13.66 | 15 | 1.30 | 95 | 4314 | 15.64 | 70 | 2.80 | | | | | | |
| 128 | 2629 | 11.59 | 15 | 1.55 | 106 | 3837 | 13.91 | 70 | 3.10 | | | | | | |
| 146 | 2298 | 10.13 | 14 | 1.75 | 123 | 3307 | 11.99 | 70 | 3.70 | | | | | | |
| 173 | 1942 | 8.56 | 14 | 2.10 | 204 | 2000 | 7.25 | 71 | 4.10 | ZYR139 ZYRF139 | 4P | | | | |
| 188 | 1783 | 7.86 | 14 | 1.55 | 45 | 9078 | 32.91 | 40 | 0.85 | | | | | | |
| 222 | 1511 | 6.66 | 14 | 1.85 | 53 | 7677 | 27.83 | 49 | 0.95 | | | | | | |
| 254 | 1320 | 5.82 | 13 | 2.10 | 61 | 6654 | 24.12 | 50 | 1.15 | ZYR139 ZYRF139 | 4P | | | | |
| 301 | 1116 | 4.92 | 13 | 2.50 | 67 | 6069 | 22.00 | 51 | 1.25 | | | | | | |
| 377 | 915 | 3.93 | 5.9 | 1.45 | 78 | 5252 | 19.04 | 51 | 1.45 | | | | | | |
| 435 | 792 | 3.40 | 5.9 | 1.70 | 88 | 4634 | 16.80 | 51 | 1.65 | | | | | | |
| 493 | 698 | 3.00 | 6.5 | 2.00 | 102 | 4003 | 14.51 | 51 | 1.90 | | | | | | |
| 571 | 603 | 2.59 | 6.9 | 2.15 | 115 | 3539 | 12.83 | 50 | 2.10 | | | | | | |
| 646 | 533 | 2.29 | 5.9 | 2.20 | 137 | 2976 | 10.79 | 49 | 2.50 | | | | | | |
| 767 | 449 | 1.93 | 6.0 | 2.45 | 170 | 2403 | 8.71 | 48 | 3.10 | | | | | | |
| 438 | 787 | 3.38 | 4.2 | 1.00 | 195 | 2094 | 7.59 | 48 | 2.30 | ZYR109 ZYRF109 | 4P | | | | |
| 482 | 715 | 3.07 | 4.7 | 1.10 | 232 | 1760 | 6.38 | 46 | 2.70 | | | | | | |
| 561 | 615 | 2.64 | 5.3 | 1.30 | 287 | 1421 | 5.15 | 44 | 3.00 | | | | | | |
| 643 | 536 | 2.30 | 5.3 | 1.50 | 95 | 4317 | 15.65 | 14 | 0.95 | | | | | | |
| 759 | 454 | 1.95 | 5.2 | 1.65 | 108 | 3768 | 13.66 | 14 | 1.10 | | | | | | |
| 865 | 398 | 1.71 | 5.1 | 1.70 | 128 | 3197 | 11.59 | 14 | 1.25 | | | | | | |
| 1028 | 335 | 1.44 | 5.0 | 1.85 | 146 | 2794 | 10.13 | 14 | 1.45 | | | | | | |
| 45kW | | | | | | | 173 | 2361 | 8.56 | | | 13 | 1.70 | ZYR109 ZYRF109 | 4P |
| 11 | 37875 | 137.30 | 128 | 0.85 | 188 | 2168 | 7.86 | 14 | 1.30 | | | | | | |
| 12 | 33064 | 119.86 | 128 | 1.10 | 222 | 1837 | 6.66 | 13 | 1.50 | | | | | | |
| 14 | 29560 | 107.16 | 128 | 1.25 | 254 | 1605 | 5.82 | 13 | 1.75 | | | | | | |
| 16 | 25279 | 91.64 | 128 | 1.40 | 301 | 1357 | 4.92 | 12 | 2.00 | | | | | | |
| 19 | 20954 | 75.96 | 128 | 1.60 | 377 | 1113 | 3.93 | 5.9 | 1.20 | | | | | | |
| 22 | 18488 | 67.02 | 128 | 2.00 | 435 | 963 | 3.40 | 5.9 | 1.40 | | | | | | |
| 26 | 15812 | 57.32 | 128 | 2.20 | 493 | 850 | 3.00 | 6.5 | 1.65 | ZYRX139 ZYRXF139 | 4P | | | | |
| 31 | 13106 | 47.51 | 128 | 2.60 | 571 | 733 | 2.59 | 6.9 | 1.75 | | | | | | |
| | | | | | 646 | 648 | 2.29 | 5.9 | 1.80 | | | | | | |
| | | | | | 767 | 547 | 1.93 | 6.0 | 2.00 | | | | | | |

选型参数表

(恒功率) 45kW-90kW

Selection Table

(Constant Power) 45kW-90kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|-----------------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|---------------------------|------------|
| 45kW | | | | | | | 75kW | | | | | | |
| 438 | 957 | 3.38 | 1.3 | 0.85 | ZYRX109 ZYRXF109 | 4P | 16 | 42132 | 91.64 | 128 | 0.85 | ZYR179 ZYRF179 | 4P |
| 482 | 869 | 3.07 | 3.5 | 0.90 | | | 19 | 34923 | 75.96 | 128 | 0.95 | | |
| 561 | 748 | 2.64 | 2.8 | 1.10 | | | 22 | 30813 | 67.02 | 128 | 1.20 | | |
| 643 | 651 | 2.30 | 3.5 | 1.25 | | | 26 | 26353 | 57.32 | 128 | 1.35 | | |
| 759 | 552 | 1.95 | 4.0 | 1.35 | | | 31 | 21843 | 47.51 | 128 | 1.55 | | |
| 865 | 484 | 1.71 | 4.3 | 1.40 | | | 36 | 18721 | 40.72 | 128 | 1.90 | | |
| 1028 | 408 | 1.44 | 4.6 | 1.55 | | | 45 | 15255 | 33.18 | 128 | 2.20 | | |
| 55kW | | | | | | | 58 | 11940 | 25.70 | 116 | 1.55 | ZYR179 ZYRF179 | 4P |
| 12 | 40411 | 119.86 | 128 | 0.90 | ZYR179 ZYRF179 | 4P | 63 | 10834 | 23.32 | 116 | 1.95 | | |
| 14 | 36129 | 107.16 | 128 | 1.00 | | | 74 | 9334 | 20.09 | 105 | 2.60 | | |
| 16 | 30897 | 91.64 | 128 | 1.15 | | | 88 | 7842 | 16.88 | 105 | 3.45 | | |
| 19 | 25610 | 75.96 | 128 | 1.30 | | | 101 | 6792 | 14.62 | 105 | 3.75 | | |
| 22 | 22596 | 67.02 | 128 | 1.60 | | | 33 | 20629 | 44.87 | 114 | 0.85 | ZYR169 ZYRF169 | 4P |
| 26 | 19326 | 57.32 | 128 | 1.80 | | | 37 | 18353 | 39.92 | 114 | 0.95 | | |
| 31 | 16018 | 47.51 | 128 | 2.10 | | | 43 | 15820 | 34.41 | 114 | 1.10 | | |
| 36 | 13729 | 40.72 | 128 | 2.60 | | | 53 | 12855 | 27.96 | 114 | 1.35 | | |
| 45 | 11187 | 33.18 | 128 | 3.00 | | | 62 | 10901 | 23.71 | 114 | 1.55 | | |
| 58 | 8756 | 25.70 | 116 | 2.15 | ZYR179 ZYRF179 | 4P | 60 | 11296 | 24.57 | 114 | 1.20 | ZYR169 ZYRF169 | 4P |
| 63 | 7945 | 23.32 | 116 | 2.65 | | | 68 | 10046 | 21.85 | 114 | 1.25 | | |
| 74 | 6845 | 20.09 | 105 | 3.55 | | | 78 | 8749 | 19.03 | 114 | 1.75 | | |
| 88 | 5751 | 16.88 | 105 | 4.70 | | | 87 | 7807 | 16.98 | 114 | 1.85 | | |
| 25 | 19774 | 58.65 | 114 | 0.85 | ZYR169 ZYRF169 | 4P | 102 | 6657 | 14.48 | 114 | 2.60 | | |
| 29 | 17451 | 51.76 | 114 | 1.00 | | | 123 | 5512 | 11.99 | 111 | 2.90 | | |
| 33 | 15128 | 44.87 | 114 | 1.15 | | | 145 | 4708 | 10.24 | 107 | 3.40 | | |
| 37 | 13459 | 39.92 | 114 | 1.25 | | | 49 | 13770 | 29.95 | 54 | 0.90 | ZYR149 ZYRF149 | 4P |
| 43 | 11601 | 34.41 | 114 | 1.45 | | | 61 | 11121 | 24.19 | 62 | 1.00 | | |
| 53 | 9427 | 27.96 | 114 | 1.80 | | | 72 | 9397 | 20.44 | 65 | 1.20 | ZYR149 ZYRF149 | 4P |
| 62 | 7994 | 23.71 | 114 | 2.10 | | | 82 | 8294 | 18.04 | 66 | 1.20 | | |
| 60 | 8284 | 24.57 | 114 | 1.60 | ZYR169 ZYRF169 | 4P | 95 | 7191 | 15.64 | 67 | 1.70 | | |
| 68 | 7367 | 21.85 | 114 | 1.65 | | | 106 | 6395 | 13.91 | 68 | 1.85 | | |
| 78 | 6416 | 19.03 | 114 | 2.40 | | | 123 | 5512 | 11.99 | 69 | 2.20 | | |
| 87 | 5725 | 16.98 | 114 | 2.50 | | | 152 | 4478 | 9.74 | 69 | 2.80 | | |
| 102 | 4882 | 14.48 | 114 | 3.50 | | | 179 | 3798 | 8.26 | 70 | 3.20 | | |
| 123 | 4042 | 11.99 | 114 | 4.00 | | | 204 | 3333 | 7.25 | 69 | 2.50 | | |
| 32 | 15728 | 46.65 | 25 | 0.80 | ZYR149 ZYRF149 | 4P | 251 | 2708 | 5.89 | 67 | 3.00 | | |
| 37 | 13584 | 40.29 | 55 | 0.90 | | | 296 | 2299 | 5.00 | 64 | 3.60 | | |
| 42 | 12016 | 35.64 | 60 | 1.00 | | | 90kW | | | | | | |
| 49 | 10098 | 29.95 | 63 | 1.20 | | | 20 | 41626 | 75.96 | 128 | 0.80 | ZYR179 ZYRF179 | 4P |
| 61 | 8156 | 24.19 | 66 | 1.40 | | | 22 | 36727 | 67.02 | 128 | 1.00 | | |
| 72 | 6891 | 20.44 | 68 | 1.65 | ZYR149 ZYRF149 | 4P | 26 | 31412 | 57.32 | 128 | 1.10 | | |
| 82 | 6082 | 18.04 | 68 | 1.65 | | | 31 | 26036 | 47.51 | 128 | 1.30 | | |
| 95 | 5273 | 15.64 | 69 | 2.30 | | | 37 | 22315 | 40.72 | 128 | 1.60 | | |
| 106 | 4690 | 13.91 | 69 | 2.50 | | | 45 | 18183 | 33.18 | 128 | 1.85 | | |
| 123 | 4042 | 11.99 | 70 | 3.00 | | | 64 | 12914 | 23.32 | 116 | 1.60 | ZYR179 ZYRF179 | 4P |
| 152 | 3284 | 9.74 | 70 | 3.80 | | | 74 | 11125 | 20.09 | 116 | 2.20 | | |
| 204 | 2444 | 7.25 | 70 | 3.40 | | | 88 | 9348 | 16.88 | 105 | 2.90 | | |
| 251 | 1986 | 5.89 | 69 | 4.10 | | | 102 | 8096 | 14.62 | 105 | 3.10 | | |
| 78 | 6419 | 19.04 | 45 | 1.20 | ZYR139 ZYRF139 | 4P | 122 | 6745 | 12.18 | 98 | 4.45 | | |
| 88 | 5664 | 16.80 | 46 | 1.35 | | | 37 | 21876 | 39.92 | 114 | 0.80 | ZYR169 ZYRF169 | 4P |
| 102 | 4892 | 14.51 | 46 | 1.55 | | | 43 | 18857 | 34.41 | 114 | 0.90 | | |
| 115 | 4326 | 12.83 | 47 | 1.75 | | | 53 | 15322 | 27.96 | 114 | 1.10 | | |
| 137 | 3638 | 10.79 | 46 | 2.10 | | | 63 | 12993 | 23.71 | 114 | 1.30 | | |
| 170 | 2937 | 8.71 | 46 | 2.50 | | | 61 | 13464 | 24.57 | 114 | 1.00 | ZYR169 ZYRF169 | 4P |
| 195 | 2559 | 7.59 | 46 | 1.90 | | | 68 | 11974 | 21.85 | 114 | 1.00 | | |
| 232 | 2151 | 6.38 | 45 | 2.20 | | | 78 | 10429 | 19.03 | 114 | 1.45 | | |
| 287 | 1736 | 5.15 | 43 | 2.50 | | | 88 | 9305 | 16.98 | 114 | 1.50 | | |
| 493 | 1038 | 3.00 | 6.5 | 1.35 | ZYRX139 ZYRXF139 | 4P | 103 | 7935 | 14.48 | 111 | 2.10 | | |
| 571 | 896 | 2.59 | 6.9 | 1.45 | | | 124 | 6571 | 11.99 | 108 | 2.40 | | |
| 646 | 793 | 2.29 | 5.9 | 1.50 | | | 146 | 5612 | 10.24 | 105 | 2.90 | | |
| 767 | 668 | 1.93 | 6.0 | 1.65 | | | | | | | | | |

选型参数表

(恒功率) 90kW-160kW

Selection Table

(Constant Power) 90kW-160kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|-------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|-------------------|------------|
| 90kW | | | | | | | 110kW | | | | | | |
| 73 | 11201 | 20.44 | 62 | 1.00 | ZYR149 ZYRF149 | 4P | 78 | 12746 | 19.03 | 110 | 1.20 | ZYR169 ZYRF169 | 4P |
| 83 | 9886 | 18.04 | 64 | 1.00 | | | 88 | 11373 | 16.98 | 109 | 1.25 | | |
| 95 | 8571 | 15.64 | 66 | 1.45 | | | 103 | 9698 | 14.48 | 107 | 1.75 | | |
| 107 | 7623 | 13.91 | 67 | 1.55 | | | 124 | 8031 | 11.99 | 104 | 2.00 | | |
| 124 | 6571 | 11.99 | 68 | 1.85 | | | 146 | 6859 | 10.24 | 101 | 2.30 | | |
| 153 | 5338 | 9.74 | 69 | 2.30 | | | 132kW | | | | | | |
| 180 | 4527 | 8.26 | 69 | 2.70 | | | 31 | 38186 | 47.51 | 128 | 0.90 | ZYR179 ZYRF179 | 4P |
| 206 | 3973 | 7.25 | 67 | 2.10 | | | 37 | 32728 | 40.72 | 128 | 1.05 | | |
| 253 | 3228 | 5.89 | 65 | 2.50 | | | 45 | 26668 | 33.18 | 128 | 1.25 | | |
| 296 | 2740 | 5.00 | 63 | 3.00 | 110kW | | | | | | | ZYR179 ZYRF179 | 4P |
| 26 | 38392 | 57.32 | 128 | 0.90 | ZYR179 ZYRF179 | 4P | 74 | 16317 | 20.09 | 116 | 1.50 | | |
| 31 | 31821 | 47.51 | 128 | 1.05 | | | 88 | 13710 | 16.88 | 116 | 1.95 | | |
| 37 | 27274 | 40.72 | 128 | 1.30 | | | 102 | 11874 | 14.62 | 105 | 2.10 | | |
| 45 | 22223 | 33.18 | 128 | 1.50 | | | 122 | 9893 | 12.18 | 98 | 3.05 | | |
| 64 | 15784 | 23.32 | 116 | 1.35 | ZYR179 ZYRF179 | 4P | 144 | 8431 | 10.38 | 85 | 4.25 | | |
| 74 | 13598 | 20.09 | 116 | 1.80 | | | 160kW | | | | | | |
| 88 | 11425 | 16.88 | 105 | 2.35 | | | 88 | 13710 | 16.88 | 116 | 1.60 | ZYR179 ZYRF179 | 4P |
| 102 | 9895 | 14.62 | 105 | 2.55 | | | 102 | 11874 | 14.62 | 105 | 1.75 | | |
| 122 | 8244 | 12.18 | 98 | 3.70 | | | 122 | 9893 | 12.18 | 98 | 2.50 | | |
| 148 | 7026 | 10.38 | 85 | 5.10 | | | 144 | 8431 | 10.38 | 85 | 3.50 | | |
| 53 | 18727 | 27.96 | 111 | 0.90 | ZYR169 | 4P | | | | | | | |
| 63 | 15881 | 23.71 | 111 | 1.05 | ZYRF169 | | | | | | | | |

选型参数表

(恒转矩) 130Nm-450Nm

Selection Table

(Constant Torque) 130Nm-450Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---------------------------|---------------------------|------|-------------------------|-----------------------|--------------|---------------------------|---------------------------|-------|-------------------------|-----------------------|--------------|
| 130 | 0.16 | 8612 | 4 | ZYR29R19 ZYRF29R19 | 0.12 | 200 | 4.8 | 289 | 4.7 | ZYR39R19 ZYRF39R19 | 0.18 |
| | 0.19 | 7425 | 4 | | | | 5.2 | 265 | 4.7 | | |
| | 0.20 | 6921 | 4 | | | | 6.2 | 226 | 4.7 | | |
| | 0.23 | 6050 | 4 | | | | 6.9 | 202 | 4.7 | | |
| | 0.27 | 5217 | 4 | | | | 7.8 | 179 | 4.7 | | |
| | 0.30 | 4661 | 4 | | | | 8.9 | 156 | 4.7 | ZYR39R19 ZYRF39R19 | 0.25 |
| | 0.34 | 4073 | 4 | | | | 10 | 135 | 4.7 | | |
| | 0.40 | 3516 | 4 | | | | 11 | 127 | 4.7 | | |
| | 0.44 | 3160 | 4 | | | | 13 | 104 | 4.7 | ZYR39R19 ZYRF39R19 | 0.37 |
| | 0.50 | 2763 | 4 | | | | 15 | 90 | 4.7 | | |
| | 0.58 | 2414 | 4 | ZYR29R19 ZYRF29R19 | 0.12 | 300 | 0.10 | 13598 | 5.1 | ZYR49R39 ZYRF49R39 | 0.12 |
| | 0.66 | 2110 | 4 | | | | 0.11 | 12472 | 5.1 | | |
| | 0.76 | 1822 | 4 | | | | 0.13 | 10619 | 5.1 | | |
| | 0.88 | 1580 | 4 | | | | 0.15 | 9155 | 5.1 | | |
| | 0.95 | 1464 | 4 | | | | 0.16 | 8534 | 5.1 | | |
| | 1.1 | 1270 | 4 | | | | 0.19 | 7460 | 5.1 | | |
| | 1.3 | 1100 | 4 | | | | 0.20 | 6993 | 5.1 | | |
| | 1.4 | 972 | 4 | | | | 0.23 | 6171 | 5.1 | | |
| | 1.7 | 840 | 4 | | | | 0.25 | 5624 | 5.1 | | |
| | 1.9 | 741 | 4 | | | | 0.29 | 4849 | 5.1 | | |
| | 2.1 | 654 | 4 | | | | 0.31 | 4520 | 5.1 | | |
| | 2.5 | 566 | 4 | | | | 0.35 | 3951 | 5.1 | | |
| | 2.8 | 499 | 4 | | | | 0.38 | 3704 | 5.1 | | |
| | 3.2 | 440 | 4 | | | | 0.43 | 3268 | 5.1 | | |
| | 3.6 | 381 | 4 | | | | 0.48 | 2898 | 5.1 | | |
| | 4.2 | 329 | 4 | | | | 0.56 | 2463 | 5.1 | | |
| | 4.8 | 290 | 4 | 0.54 | 2598 | 5.1 | ZYR49R39 ZYRF49R39 | 0.12 | | | |
| | 5.4 | 256 | 4 | 0.58 | 2383 | 5.1 | | | | | |
| | 6.1 | 227 | 4 | 0.69 | 2029 | 5.1 | | | | | |
| | 6.8 | 203 | 4 | 0.79 | 1749 | 5.1 | | | | | |
| | 7.8 | 179 | 4 | 0.85 | 1630 | 5.1 | | | | | |
| | 8.9 | 156 | 4 | 0.98 | 1425 | 5.1 | | | | | |
| | 10 | 135 | 4 | 1.0 | 1336 | 5.1 | | | | | |
| | 12 | 118 | 4 | 1.2 | 1179 | 5.1 | | | | | |
| | 13 | 104 | 4 | 1.3 | 1074 | 5.1 | | | | | |
| | 15 | 90 | 4 | 1.5 | 927 | 5.1 | | | | | |
| 200 | 0.16 | 8595 | 4.7 | ZYR39R19 ZYRF39R19 | 0.12 | 450 | 1.6 | 863 | 5.1 | ZYR49R39 ZYRF49R39 | 0.12 |
| | 0.19 | 7411 | 4.7 | | | | 1.8 | 755 | 5.1 | | |
| | 0.20 | 6907 | 4.7 | | | | 2.5 | 546 | 5.1 | | |
| | 0.23 | 6038 | 4.7 | | | | 2.8 | 502 | 5.1 | | |
| | 0.27 | 5206 | 4.7 | | | | 3.2 | 429 | 5.1 | ZYR49R39 ZYRF49R39 | 0.18 |
| | 0.30 | 4651 | 4.7 | | | | 3.7 | 372 | 5.1 | | |
| | 0.34 | 4065 | 4.7 | | | | 4.0 | 348 | 5.1 | | |
| | 0.38 | 3658 | 4.7 | | | | 4.6 | 301 | 5.1 | ZYR49R39 ZYRF49R39 | 0.25 |
| | 0.44 | 3154 | 4.7 | | | | 5.5 | 255 | 5.1 | | |
| | 0.50 | 2757 | 4.7 | | | | 6.1 | 228 | 5.1 | | |
| | 0.58 | 2409 | 4.7 | | | | 0.10 | 14369 | 6.7 | ZYR59R39 ZYRF59R39 | 0.12 |
| | 0.66 | 2106 | 4.7 | | | | 0.11 | 12095 | 6.7 | | |
| | 0.76 | 1818 | 4.7 | | | | 0.13 | 10860 | 6.7 | | |
| | 0.88 | 1576 | 4.7 | | | | 0.15 | 9445 | 6.7 | | |
| | 1.0 | 1359 | 4.7 | | | | 0.16 | 8480 | 6.7 | | |
| | 1.1 | 1267 | 4.7 | | | | 0.19 | 7312 | 6.7 | | |
| | 1.3 | 1098 | 4.7 | | | | 0.21 | 6521 | 6.7 | | |
| | 1.4 | 970 | 4.7 | | | | 0.25 | 5585 | 6.7 | | |
| | 1.7 | 839 | 4.7 | | | | 0.28 | 4928 | 6.7 | | |
| | 1.9 | 740 | 4.7 | | | | 0.32 | 4378 | 6.7 | | |
| | 2.1 | 653 | 4.7 | | | | 0.36 | 3873 | 6.7 | | |
| | 2.4 | 577 | 4.7 | | | | 0.42 | 3344 | 6.7 | | |
| | 2.8 | 498 | 4.7 | | | | 0.48 | 2907 | 6.7 | | |
| | 3.2 | 439 | 4.7 | | | | 0.54 | 2567 | 6.7 | | |
| | 3.7 | 378 | 4.7 | 0.62 | 2244 | | 6.7 | | | | |
| | 4.2 | 328 | 4.7 | 0.71 | 1967 | | 6.7 | | | | |

选型参数表

(恒转矩) 450Nm-1550Nm

Selection Table

(Constant Torque) 450Nm-1550Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---------------------------|---------------------------|-------|-------------------------|-----------------------|--------------|---------------------------|---------------------------|------|-------------------------|-----------------------|--------------|
| 450 | 0.80 | 1732 | 6.7 | ZYR59R39 ZYRF59R39 | 0.12 | 820 | 0.16 | 8714 | 9.4 | ZYR79R39 ZYRF79R39 | 0.12 |
| | 0.89 | 1555 | 6.7 | | | | 0.18 | 7617 | 9.4 | | |
| | 0.99 | 1399 | 6.7 | | | | 0.21 | 6770 | 9.4 | | |
| | 1.2 | 1189 | 6.7 | | | | 0.24 | 5838 | 9.4 | | |
| | 1.3 | 1034 | 6.7 | | | | 0.27 | 5184 | 9.4 | | |
| | 1.8 | 782 | 6.7 | | | | 0.31 | 4470 | 9.4 | | |
| | 2.1 | 678 | 6.7 | ZYR59R39 ZYRF59R39 | 0.18 | | 0.35 | 3999 | 9.4 | | |
| | 2.3 | 604 | 6.7 | | | | 0.40 | 3488 | 9.4 | | |
| | 2.6 | 537 | 6.7 | | | | 0.46 | 3053 | 9.4 | | |
| | 3.0 | 471 | 6.7 | | | | 0.52 | 2671 | 9.4 | | |
| | 3.9 | 357 | 6.7 | ZYR59R39 ZYRF59R39 | 0.25 | | 0.44 | 3151 | 9.4 | ZYR79R39 ZYRF79R39 | 0.12 |
| | 4.4 | 319 | 6.7 | | | | 0.48 | 2890 | 9.4 | | |
| | 5.1 | 273 | 6.7 | ZYR59R39 ZYRF59R39 | 0.37 | | 0.57 | 2460 | 9.4 | | |
| | 5.8 | 241 | 6.7 | | | | 0.66 | 2121 | 9.4 | | |
| 600 | 0.09 | 15361 | 7.2 | ZYR69R39 ZYRF69R39 | 0.12 | 0.70 | 1977 | 9.4 | | | |
| | 0.11 | 12931 | 7.2 | | | 0.80 | 1728 | 9.4 | | | |
| | 0.12 | 11996 | 7.2 | | | 0.86 | 1620 | 9.4 | | | |
| | 0.14 | 10097 | 7.2 | | | 0.97 | 1430 | 9.4 | | | |
| | 0.15 | 9066 | 7.2 | | | 1.1 | 1303 | 9.4 | | | |
| | 0.18 | 7816 | 7.2 | | | 1.2 | 1124 | 9.4 | | | |
| | 0.21 | 6732 | 7.2 | | | 1.3 | 1047 | 9.4 | | | |
| | 0.23 | 5970 | 7.2 | | | 1.5 | 915 | 9.4 | | | |
| | 0.26 | 5268 | 7.2 | | | 1.6 | 858 | 9.4 | | | |
| | 0.30 | 4680 | 7.2 | | | 1.8 | 757 | 9.4 | | | |
| | 0.34 | 4136 | 7.2 | | | 2.1 | 671 | 9.4 | | | |
| | 0.39 | 3566 | 7.2 | | | 2.4 | 571 | 9.4 | | | |
| | 0.44 | 3125 | 7.2 | | | 2.5 | 560 | 9.4 | | | |
| | 0.51 | 2745 | 7.2 | | | ZYR79R39 ZYRF79R39 | 0.25 | | | | |
| | 0.58 | 2403 | 7.2 | | | | | | | | |
| | 0.52 | 2682 | 7.2 | ZYR79R39 ZYRF79R39 | 0.37 | | | | | | |
| | 0.57 | 2460 | 7.2 | | | | | | | | |
| | 0.66 | 2094 | 7.2 | | | ZYR79R39 ZYRF79R39 | 0.55 | | | | |
| | 0.77 | 1805 | 7.2 | | | | | | | | |
| | 0.85 | 1629 | 7.2 | | | | | | | | |
| | 0.94 | 1471 | 7.2 | 1550 | 0.08 | 17527 | 16 | | | | |
| | 1.0 | 1379 | 7.2 | | 0.09 | 15375 | 16 | | | | |
| | 1.9 | 730 | 7.2 | | 0.10 | 13872 | 16 | | | | |
| | 2.4 | 571 | 7.2 | | 0.12 | 12076 | 16 | | | | |
| | ZYR69R39 ZYRF69R39 | 0.25 | 0.13 | | 10594 | 16 | | | | | |
| | | | 0.15 | | 9283 | 16 | | | | | |
| | | | 0.17 | | 8144 | 16 | | | | | |
| | ZYR69R39 ZYRF69R39 | 0.12 | 0.20 | | 7069 | 16 | | | | | |
| | | | 0.22 | | 6201 | 16 | | | | | |
| | | | 0.25 | | 5473 | 16 | | | | | |
| | ZYR69R39 ZYRF69R39 | 0.18 | 0.29 | | 4852 | 16 | | | | | |
| | | | 0.33 | | 4224 | 16 | | | | | |
| | | | 0.37 | | 3761 | 16 | | | | | |
| | | | 0.43 | 3247 | 16 | | | | | | |
| | | | 0.48 | 2885 | 16 | | | | | | |
| | ZYR69R39 ZYRF69R39 | 0.25 | 0.71 | 1969 | 16 | | | | | | |
| | | | ZYR89R59 ZYRF89R59 | 0.12 | 0.34 | 4037 | 16 | | | | |
| | | | | | 0.44 | 3195 | 16 | | | | |
| 0.50 | 2781 | 16 | | | | | | | | | |
| 820 | 0.08 | 16370 | 9.4 | ZYR79R39 ZYRF79R39 | 0.12 | 0.53 | 2606 | 16 | | | |
| | 0.09 | 15015 | 9.4 | | | 0.65 | 2138 | 16 | | | |
| | 0.10 | 13885 | 9.4 | | | 0.72 | 1938 | 16 | | | |
| | 0.11 | 12783 | 9.4 | | | 0.80 | 1740 | 16 | | | |
| | 0.13 | 11021 | 9.4 | | | 0.93 | 1495 | 16 | | | |
| | 0.14 | 9788 | 9.4 | | | | | | | | |

选型参数表

(恒转矩) 1550Nm-4300Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---------------------------|---------------------------|-------|-------------------------|------------------|--------------|
| 1550 | 1 | 1401 | 16 | | |
| | 1.1 | 1237 | 16 | ZYR89R59 | 0.25 |
| | 1.2 | 1150 | 16 | ZYRF89R59 | |
| | 1.3 | 1042 | 16 | | |
| | 1.7 | 806 | 16 | ZYR89R59 | 0.37 |
| | 1.8 | 758 | 16 | ZYRF89R59 | |
| | 0.8 | 1744 | 16 | ZYR89R59 | 0.18 |
| | 0.9 | 1530 | 16 | ZYRF89R59 | |
| | 1.1 | 1308 | 16 | ZYR89R59 | 0.25 |
| | | | | ZYRF89R59 | |
| | 1.4 | 1012 | 16 | ZYR89R59 | 0.55 |
| | | | | ZYRF89R59 | |
| | 1.6 | 889 | 16 | ZYR89R59 | 0.37 |
| | | | | ZYRF89R59 | |
| | 2 | 688 | 16 | ZYR89R59 | 0.55 |
| | 2.3 | 601 | 16 | ZYRF89R59 | |
| | 3.5 | 399 | 16 | ZYR89R59 | 0.75 |
| | 3.9 | 354 | 16 | ZYRF89R59 | |
| | 4.6 | 306 | 16 | ZYR89R59 | 1.1 |
| | 5.2 | 269 | 16 | ZYRF89R59 | |
| 3000 | 2.6 | 540 | 16 | ZYR89R59 | 0.55 |
| | 2.9 | 474 | 16 | ZYRF89R59 | |
| | 3.5 | 402 | 16 | ZYR89R59 | 0.75 |
| | 3.8 | 363 | 16 | ZYRF89R59 | |
| | 4.7 | 301 | 16 | ZYR89R59 | 1.1 |
| | 5.4 | 257 | 16 | ZYRF89R59 | |
| | 0.06 | 21769 | 19 | | |
| | 0.07 | 19332 | 19 | | |
| | 0.08 | 17230 | 19 | | |
| | 0.09 | 14999 | 19 | | |
| | 0.1 | 13320 | 19 | | |
| | 0.12 | 11156 | 19 | ZYR99R59 | 0.12 |
| | 0.14 | 10030 | 19 | ZYRF99R59 | |
| | 0.16 | 8706 | 19 | | |
| | 0.18 | 7692 | 19 | | |
| | 0.21 | 6708 | 19 | | |
| | 0.23 | 5931 | 19 | | |
| | 0.27 | 5161 | 19 | | |
| | 0.35 | 4004 | 19 | ZYR99R59 | 0.18 |
| | 0.4 | 3481 | 19 | ZYRF99R59 | |
| | 0.3 | 4678 | 19 | ZYR99R59 | 0.12 |
| | | | | ZYRF99R59 | |
| | 0.32 | 4309 | 19 | ZYR99R59 | 0.18 |
| | 0.38 | 3702 | 19 | ZYRF99R59 | |
| | 0.46 | 3019 | 19 | | |
| | 0.52 | 2668 | 19 | ZYR99R59 | |
| | 0.62 | 2245 | 19 | ZYRF99R59 | 0.25 |
| | 0.69 | 2016 | 19 | | |
| | 0.8 | 1733 | 19 | ZYR99R59 | 0.37 |
| | 0.86 | 1623 | 19 | ZYRF99R59 | |
| | 0.97 | 1434 | 19 | | |
| | 1.2 | 1207 | 19 | | |
| | 1.3 | 1084 | 19 | ZYR99R59 | 0.55 |
| | 1.5 | 934 | 19 | ZYRF99R59 | |
| | 1.6 | 878 | 19 | | |

Selection Table

(Constant Torque) 1550Nm-4300Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---------------------------|---------------------------|-------|-------------------------|------------------|--------------|
| 3000 | 1.8 | 755 | 19 | ZYR99R59 | 0.75 |
| | | | | ZYRF99R59 | |
| | 0.76 | 1823 | 19 | ZYR99R59 | 0.37 |
| | 0.88 | 1583 | 19 | ZYRF99R59 | |
| | 1 | 1396 | 19 | | |
| | 1.1 | 1228 | 19 | ZYR99R59 | 0.55 |
| | 1.3 | 1069 | 19 | ZYRF99R59 | |
| | 1.5 | 938 | 19 | | |
| | 1.7 | 824 | 19 | ZYR99R59 | 0.75 |
| | 1.9 | 737 | 19 | ZYRF99R59 | |
| | 2.2 | 632 | 19 | ZYR99R59 | 1.1 |
| | 2.5 | 560 | 19 | ZYRF99R59 | |
| | 2.9 | 484 | 19 | | |
| | 3.2 | 431 | 19 | ZYR99R59 | 1.5 |
| | 3.7 | 379 | 19 | ZYRF99R59 | |
| | 4.2 | 336 | 19 | | |
| | 4.8 | 296 | 19 | ZYR99R59 | 2.2 |
| | 5.7 | 249 | 19 | ZYRF99R59 | |
| | 6.1 | 234 | 19 | | |
| | 2.2 | 625 | 19 | ZYR99R59 | 1.1 |
| | 2.6 | 549 | 19 | ZYRF99R59 | |
| 4300 | 5.3 | 270 | 19 | ZYR99R59 | 2.2 |
| | 6.3 | 227 | 19 | ZYRF99R59 | |
| | 0.07 | 20018 | 28 | | |
| | 0.08 | 17080 | 28 | | |
| | 0.09 | 14936 | 28 | | |
| | 0.11 | 12829 | 28 | ZYR109R79 | 0.12 |
| | 0.12 | 11256 | 28 | ZYRF109R79 | |
| | 0.15 | 9547 | 28 | | |
| | 0.16 | 8618 | 28 | | |
| | 0.18 | 7583 | 28 | | |
| | 0.21 | 6743 | 28 | | |
| | 0.24 | 5914 | 28 | ZYR109R79 | 0.18 |
| | 0.27 | 5168 | 28 | ZYRF109R79 | |
| | 0.31 | 4435 | 28 | | |
| | 0.36 | 3896 | 28 | ZYR109R79 | 0.25 |
| | 0.46 | 3039 | 28 | ZYRF109R79 | |
| | 0.35 | 3918 | 28 | ZYR109R79 | 0.18 |
| | | | | ZYRF109R79 | |
| | 0.42 | 3343 | 28 | ZYR109R79 | 0.25 |
| | 0.46 | 3034 | 28 | ZYRF109R79 | |
| | 0.52 | 2653 | 28 | ZYR109R79 | 0.37 |
| | 0.61 | 2280 | 28 | ZYRF109R79 | |
| | 0.67 | 2067 | 28 | | |
| | 0.82 | 1693 | 28 | ZYR109R79 | 0.55 |
| | 0.9 | 1550 | 28 | ZYRF109R79 | |
| | 0.99 | 1407 | 28 | | |
| | 1.1 | 1209 | 28 | ZYR109R79 | 0.75 |
| | 1.3 | 1055 | 28 | ZYRF109R79 | |
| | 1.5 | 919 | 28 | ZYR109R79 | 1.1 |
| | 1.7 | 815 | 28 | ZYRF109R79 | |
| | 2 | 717 | 28 | | |
| | 2.2 | 626 | 28 | ZYR109R79 | 1.5 |
| | 2.7 | 528 | 28 | ZYRF109R79 | |

选型参数表

(恒转矩) 4300Nm-13000Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---------------------------|---------------------------|-------|-------------------------|-------------------------|--------------|
| 4300 | 0.7 | 1987 | 28 | ZYR109R79 ZYRF109R79 | 0.37 |
| | 0.76 | 1827 | 28 | ZYR109R79 ZYRF109R79 | 0.55 |
| | 0.87 | 1599 | 28 | ZYR109R79 ZYRF109R79 | 0.75 |
| | 0.99 | 1400 | 28 | ZYR109R79 ZYRF109R79 | 1.1 |
| | 1.1 | 1226 | 28 | ZYR109R79 ZYRF109R79 | 1.5 |
| | 1.3 | 1104 | 28 | ZYR109R79 ZYRF109R79 | 2.2 |
| | 1.5 | 939 | 28 | ZYR109R79 ZYRF109R79 | 3 |
| | 1.7 | 822 | 28 | ZYR109R79 ZYRF109R79 | 4 |
| | 2.3 | 614 | 28 | ZYR109R79 ZYRF109R79 | 1.5 |
| | 2.6 | 544 | 28 | ZYR109R79 ZYRF109R79 | 2.2 |
| | 2.8 | 492 | 28 | ZYR109R79 ZYRF109R79 | 3 |
| | 3.4 | 417 | 28 | ZYR109R79 ZYRF109R79 | 4 |
| | 3.8 | 369 | 28 | ZYR109R79 ZYRF109R79 | 1.5 |
| | 4.4 | 323 | 28 | ZYR109R79 ZYRF109R79 | 2.2 |
| | 5 | 285 | 28 | ZYR109R79 ZYRF109R79 | 3 |
| | 5.6 | 253 | 28 | ZYR109R79 ZYRF109R79 | 4 |
| | 6.7 | 214 | 28 | ZYR109R79 ZYRF109R79 | 1.5 |
| | 7.7 | 187 | 28 | ZYR109R79 ZYRF109R79 | 2.2 |
| | 3 | 469 | 28 | ZYR109R79 ZYRF109R79 | 3 |
| | 3.3 | 426 | 28 | ZYR109R79 ZYRF109R79 | 4 |
| | 3.8 | 377 | 28 | ZYR109R79 ZYRF109R79 | 1.5 |
| | 4.4 | 325 | 28 | ZYR109R79 ZYRF109R79 | 2.2 |
| | 5 | 284 | 28 | ZYR109R79 ZYRF109R79 | 3 |
| | 5.5 | 256 | 28 | ZYR109R79 ZYRF109R79 | 4 |
| | 6.5 | 220 | 28 | ZYR109R79 ZYRF109R79 | 1.5 |
| | 7.5 | 193 | 28 | ZYR109R79 ZYRF109R79 | 2.2 |
| | 8.4 | 172 | 28 | ZYR109R79 ZYRF109R79 | 3 |
| 8000 | 0.06 | 22203 | 51 | ZYR139R79 ZYRF139R79 | 0.12 |
| | 0.07 | 18945 | 51 | ZYR139R79 ZYRF139R79 | 0.18 |
| | 0.08 | 16566 | 51 | ZYR139R79 ZYRF139R79 | 0.25 |
| | 0.09 | 14777 | 51 | ZYR139R79 ZYRF139R79 | 0.37 |
| | 0.11 | 12921 | 51 | ZYR139R79 ZYRF139R79 | 0.55 |
| | 0.12 | 11712 | 51 | ZYR139R79 ZYRF139R79 | 0.75 |
| | 0.13 | 10573 | 51 | ZYR139R79 ZYRF139R79 | 1.1 |
| | 0.16 | 8784 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 0.19 | 7479 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 0.21 | 6559 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 0.24 | 5834 | 51 | ZYR139R79 ZYRF139R79 | 4 |
| | 0.27 | 5116 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 0.31 | 4464 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 0.35 | 3928 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 0.4 | 3454 | 51 | ZYR139R79 ZYRF139R79 | 4 |
| | 0.46 | 2993 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 0.3 | 4709 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 0.35 | 4018 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 0.4 | 3514 | 51 | ZYR139R79 ZYRF139R79 | 4 |
| | 0.42 | 3338 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 0.47 | 2929 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 0.56 | 2484 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 0.62 | 2242 | 51 | ZYR139R79 ZYRF139R79 | 4 |
| | 0.75 | 1863 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 0.88 | 1586 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 1 | 1391 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 1.1 | 1256 | 51 | ZYR139R79 ZYRF139R79 | 4 |

Selection Table

(Constant Torque) 4300Nm-13000Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---------------------------|---------------------------|-------|-------------------------|-------------------------|--------------|
| 8000 | 1.3 | 1105 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 1.3 | 1043 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 1.6 | 888 | 51 | ZYR139R79 ZYRF139R79 | 0.55 |
| | 2 | 699 | 51 | ZYR139R79 ZYRF139R79 | 0.75 |
| | 2.3 | 609 | 51 | ZYR139R79 ZYRF139R79 | 1.1 |
| | 0.52 | 2658 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 0.58 | 2412 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 0.67 | 2073 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 0.76 | 1839 | 51 | ZYR139R79 ZYRF139R79 | 4 |
| | 0.88 | 1598 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 1 | 1397 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 1.1 | 1226 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 1.3 | 1090 | 51 | ZYR139R79 ZYRF139R79 | 4 |
| | 1.5 | 951 | 51 | ZYR139R79 ZYRF139R79 | 5.5 |
| | 1.7 | 831 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 1.9 | 730 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 2.3 | 629 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 2.5 | 560 | 51 | ZYR139R79 ZYRF139R79 | 4 |
| | 2.9 | 490 | 51 | ZYR139R79 ZYRF139R79 | 5.5 |
| | 3.4 | 428 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 3.8 | 381 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 4.5 | 323 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 4.9 | 291 | 51 | ZYR139R79 ZYRF139R79 | 4 |
| | 5.6 | 255 | 51 | ZYR139R79 ZYRF139R79 | 5.5 |
| | 2.5 | 564 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| | 2.7 | 517 | 51 | ZYR139R79 ZYRF139R79 | 2.2 |
| | 3.1 | 453 | 51 | ZYR139R79 ZYRF139R79 | 3 |
| | 3.8 | 376 | 51 | ZYR139R79 ZYRF139R79 | 4 |
| | 4.2 | 339 | 51 | ZYR139R79 ZYRF139R79 | 5.5 |
| | 4.8 | 297 | 51 | ZYR139R79 ZYRF139R79 | 1.5 |
| 13000 | 0.06 | 23041 | 59 | ZYR149R79 ZYRF149R79 | 0.12 |
| | 0.07 | 21342 | 59 | ZYR149R79 ZYRF149R79 | 0.18 |
| | 0.08 | 18201 | 59 | ZYR149R79 ZYRF149R79 | 0.25 |
| | 0.09 | 15923 | 59 | ZYR149R79 ZYRF149R79 | 0.37 |
| | 0.1 | 14075 | 59 | ZYR149R79 ZYRF149R79 | 0.55 |
| | 0.11 | 12344 | 59 | ZYR149R79 ZYRF149R79 | 0.75 |
| | 0.12 | 11143 | 59 | ZYR149R79 ZYRF149R79 | 1.1 |
| | 0.14 | 9743 | 59 | ZYR149R79 ZYRF149R79 | 1.5 |
| | 0.16 | 8443 | 59 | ZYR149R79 ZYRF149R79 | 2.2 |
| | 0.19 | 7307 | 59 | ZYR149R79 ZYRF149R79 | 3 |
| | 0.22 | 6447 | 59 | ZYR149R79 ZYRF149R79 | 4 |
| | 0.25 | 5568 | 59 | ZYR149R79 ZYRF149R79 | 5.5 |
| | 0.28 | 4926 | 59 | ZYR149R79 ZYRF149R79 | 1.5 |
| | 0.32 | 4325 | 59 | ZYR149R79 ZYRF149R79 | 2.2 |
| | 0.37 | 3754 | 59 | ZYR149R79 ZYRF149R79 | 3 |
| | 0.42 | 3302 | 59 | ZYR149R79 ZYRF149R79 | 4 |
| | 0.48 | 2898 | 59 | ZYR149R79 ZYRF149R79 | 5.5 |
| | 0.55 | 2555 | 59 | ZYR149R79 ZYRF149R79 | 1.5 |
| | 0.63 | 2211 | 59 | ZYR149R79 ZYRF149R79 | 2.2 |
| | 0.72 | 1951 | 59 | ZYR149R79 ZYRF149R79 | 3 |
| | 0.82 | 1705 | 59 | ZYR149R79 ZYRF149R79 | 4 |
| | 0.91 | 1536 | 59 | ZYR149R79 ZYRF149R79 | 5.5 |
| | 1.1 | 1329 | 59 | ZYR149R79 ZYRF149R79 | 1.5 |
| | 1.2 | 1166 | 59 | ZYR149R79 ZYRF149R79 | 2.2 |
| | 1.4 | 1029 | 59 | ZYR149R79 ZYRF149R79 | 3 |

选型参数表

(恒转矩) 13000Nm-36600Nm

Selection Table

(Constant Torque) 13000Nm-36600Nm

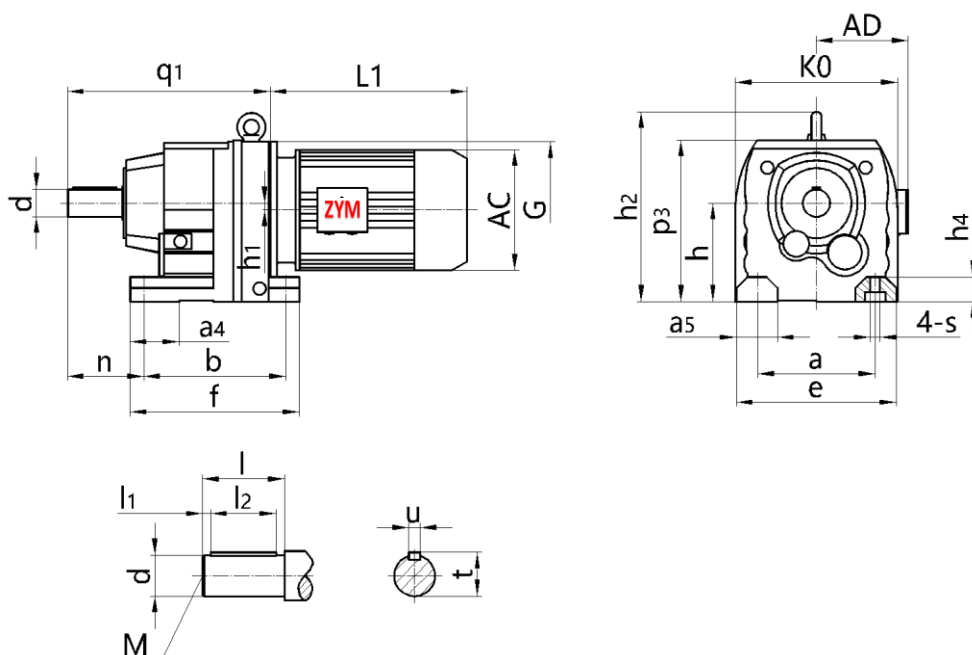
| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---|---------------------------|--|--|-------------------------|-------------------------|---------------------------|---------------------------|-------|-------------------------|---------------------------|--------------|
| 13000 | 1.6 | 889 | 59 | ZYR149R79 | 3 | 18000 | 4.9 | 295 | 91 | ZYR169R109 | 11 |
| | 1.8 | 784 | 59 | ZYRF149R79 | | | 5.4 | 270 | 91 | ZYRF169R109 | |
| | 2.1 | 695 | 59 | ZYR149R79 ZYRF149R79 | 4 | | 6.4 | 229 | 91 | ZYR169R109 | 15 |
| | 2.3 | 619 | 59 | | | | 7.3 | 200 | 91 | ZYRF169R109 | |
| | 2.6 | 558 | 59 | ZYR149R79 ZYRF149R79 | 5.5 | | 5 | 291 | 91 | ZYR169R109 ZYRF169R109 | 11 |
| | 2.9 | 489 | 59 | | | | 5.5 | 264 | 91 | ZYR169R109 ZYRF169R109 | |
| | 2.7 | 533 | 59 | ZYR149R89 ZYRF149R89 | 4 | | 6.4 | 227 | 91 | | |
| | 3.1 | 462 | 59 | | | | 7.4 | 198 | 91 | | |
| | 3.4 | 426 | 59 | ZYR149R89 ZYRF149R89 | 5.5 | 36600 | 0.05 | 25852 | 128 | ZYR179R99 ZYRF179R99 | 0.55 |
| | 3.9 | 368 | 59 | | | | 0.06 | 23175 | 128 | | |
| | 4.4 | 326 | 59 | 0.07 | 19819 | | 128 | | | | |
| | 5.1 | 280 | 59 | 0.08 | 18219 | | 128 | | | | |
| | 5.8 | 247 | 59 | 0.09 | 15581 | | 128 | | | | |
| | 18000 | 6.8 | 214 | 59 | ZYR149R89 ZYRF149R89 | | 11 | 0.1 | 13817 | | |
| 0.05 0.06 0.07 0.08 0.09 0.1 0.12 0.13 0.14 0.18 0.2 0.23 0.26 0.3 0.34 | | 27001 22482 20002 17361 15446 14051 11812 10509 9631 7749 6894 6077 5407 4650 4129 | 91 91 91 91 91 91 91 91 91 91 91 91 91 91 91 | ZYR169R99 ZYRF169R99 | 0.55 | | | 0.11 | 12482 | 128 | ZYR179R99 |
| | | | | | | | 0.13 | 10674 | 128 | ZYRF179R99 | |
| | | | | | | | 0.16 | 8848 | 128 | ZYR179R99 ZYRF179R99 | 1.1 |
| | | | | | | | 0.17 | 8475 | 128 | | |
| | | | | | | | 0.18 | 7734 | 128 | | |
| | | | | | | | 0.21 | 6614 | 128 | | |
| | | | | | | | 0.25 | 5534 | 128 | ZYR179R99 | 1.5 |
| | | | | | | | 0.28 | 4914 | 128 | ZYRF179R99 | |
| | | | | | | | 0.33 | 4394 | 128 | ZYR179R99 ZYRF179R99 | 2.2 |
| | | | | | | | 0.36 | 3950 | 128 | | |
| | | | | | | | 0.42 | 3429 | 128 | ZYR179R99 ZYRF179R99 | 3 |
| | | | | | | | 0.46 | 3098 | 128 | | |
| | | | | | | | 0.49 | 2914 | 128 | | |
| 0.53 | 2682 | 128 | ZYR179R99 ZYRF179R99 | 4 | | | | | | | |
| 0.63 | 2294 | 128 | | | | | | | | | |
| 0.67 | 2158 | 128 | | | | | | | | | |
| 0.78 | 1846 | 128 | ZYR179R99 ZYRF179R99 | 5.5 | | | | | | | |
| 0.78 | 1846 | 128 | | | | | | | | | |
| 1 | 1435 | 128 | ZYR179R99 ZYRF179R99 | 7.5 | | | | | | | |
| 1.2 | 1189 | 128 | | | | | | | | | |
| 1.2 | 1154 | 128 | | | | | | | | | |
| 1.5 | 957 | 128 | ZYR179R99 ZYRF179R99 | 11 | | | | | | | |
| 1.9 | 768 | 128 | | | | | | | | | |
| 2.1 | 710 | 128 | ZYR179R99 ZYRF179R99 | 15 | | | | | | | |
| 2.4 | 621 | 128 | | | | | | | | | |
| 2.6 | 563 | 128 | ZYR179R99 ZYRF179R99 | 18.5 | | | | | | | |
| 3.1 | 481 | 128 | | | | | | | | | |
| 3.1 | 477 | 128 | ZYR179R99 ZYRF179R99 | 22 | | | | | | | |
| 3.6 | 408 | 128 | | | | | | | | | |
| 4.1 | 356 | 128 | ZYR179R99 ZYRF179R99 | 30 | | | | | | | |
| 5 | 295 | 128 | | | | | | | | | |
| 4 | 364 | 128 | ZYR179R109 ZYRF179R109 | 22 | | | | | | | |
| 5 | 293 | 128 | ZYR179R109 | 30 | | | | | | | |
| 5.5 | 266 | 128 | ZYRF179R109 | | | | | | | | |
| 6.5 | 229 | 128 | ZYR179R109 ZYRF179R109 | 37 | | | | | | | |
| 7.4 | 200 | 128 | ZYR179R109 ZYRF179R109 | | | | | | | | |

安装结构尺寸

ZYR19-179

Mounting Dimensional Description

ZYR19-179



| 机 型 号 Type Size | q1 e | d s | n h4 | a4 K0 | b l | f l1 | h1 l2 | p3 M | h u | a5 t | a h2 | G | 电机尺寸 Motor Size | | |
|--------------------|------------|----------------|------------|-------------|------------|------------|-------------|------------|---------------|-------------|--------------|------|---|----|----|
| | | | | | | | | | | | | | AC | AD | L1 |
| ZYR19 | 163 135 | Φ20k6 Φ9 | 58 12 | 31.5 140 | 110 40 | 131 4 | 0 32 | 135 M6 | 75-0.5 6 | 25 22.5 | 110 / | Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYR29 | 193 145 | Φ25k6 Φ9 | 75.5 18 | 39 151 | 130 50 | 152 5 | 3.4 40 | 147 M10 | 90-0.5 8 | 32 28 | 110 / | Φ120 | | | |
| ZYR39 | 201 157 | Φ25k6 Φ9 | 75 18 | 40 161 | 130 50 | 160 5 | 10.1 40 | 153 M10 | 90-0.5 8 | 42 28 | 110 / | Φ120 | | | |
| ZYR49 | 235 170 | Φ30k6 Φ13.5 | 90 24 | 50 178 | 165 60 | 195 3.5 | 14 50 | 187 M10 | 115-0.5 8 | 42 33 | 135 / | Φ160 | | | |
| ZYR59 | 257 190 | Φ35k6 Φ13.5 | 100 24 | 60 202 | 165 70 | 200 7 | 11.2 56 | 190 M12 | 115-0.5 10 | 55 38 | 135 / | Φ160 | | | |
| ZYR69 | 280 210 | Φ35k6 Φ14 | 100 30 | 60 215 | 195 70 | 235 7 | 20.7 56 | 216 M12 | 130-0.5 10 | 60 38 | 150 245.5 | Φ160 | | | |
| ZYR79 | 300 230 | Φ40k6 Φ17.5 | 115 30 | 60 235 | 205 80 | 245 5 | 15.9 70 | 234 M16 | 140-0.5 12 | 60 43 | 170 270 | Φ200 | | | |
| ZYR89 | 372 290 | Φ50k6 Φ17.5 | 140 45 | 90 297 | 260 100 | 310 10 | 12.6 80 | 295 M16 | 180-0.5 14 | 75 53.5 | 215 345 | Φ250 | | | |
| ZYR99 | 440 340 | Φ60m6 Φ22 | 160 55 | 100 348 | 310 120 | 365 5 | 10.2 110 | 370 M20 | 225-0.5 18 | 90 64 | 250 418 | Φ300 | | | |
| ZYR109 | 495 400 | Φ70m6 Φ26 | 185 65 | 125 409 | 370 140 | 440 7.5 | 20.4 125 | 410 M20 | 250-0.5 20 | 110 74.5 | 290 480 | Φ350 | | | |
| ZYR139 | 589 450 | Φ90m6 Φ33 | 220 70 | 130 458 | 410 170 | 490 5 | 25.1 160 | 495 M24 | 315-1 25 | 110 95 | 340 563 | Φ400 | | | |
| ZYR149 | 695 530 | Φ110m6 Φ39 | 260 80 | 150 540 | 500 210 | 590 15 | 33.4 180 | 565 M24 | 355-1 28 | 150 116 | 380 648 | Φ450 | | | |
| ZYR169 | 790 660 | Φ120m6 Φ39 | 270 100 | 160 670 | 580 210 | 670 5 | 59.9 200 | 675 M24 | 425-1 32 | 160 127 | 500 775 | Φ550 | | | |
| ZYR179 | 955 780 | Φ160m6 Φ45 | 280 110 | 280 780 | 790 250 | 904 15 | 93 220 | 835 M30 | 525-1 40 | 180 169 | 600 / | Φ550 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

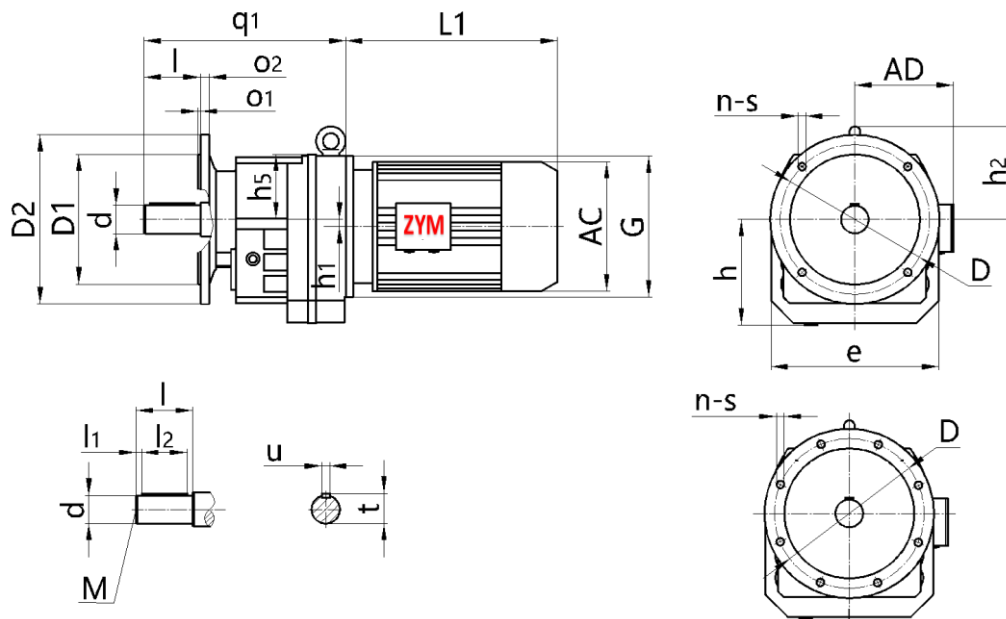
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYRF19-179

Mounting Dimensional

Description ZYRF19-179



| 机 型 号 Type Size | d | D2 | o ₂ | o ₁ | s | D1 | D | n | q ₁ l | h ₅ l ₁ | h ₁ l ₂ | h M | e u | h ₂ t | G | 电机尺寸 Motor Size | | |
|--------------------|--------|------|----------------|----------------|-------|--------|------|---|---------------------|----------------------------------|----------------------------------|--------|--------|---------------------|------|---|----|----|
| | | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYRF19 | Φ20k6 | Φ120 | 8 | 3 | Φ6.5 | Φ80j6 | Φ100 | 4 | 175 | 60 | 0 | 77 | 130 | / | Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| | | Φ140 | 9 | 3 | Φ8.5 | Φ95j6 | Φ115 | 4 | 40 | 4 | 32 | M6 | 6 | 22.5 | Φ120 | | | |
| ZYRF29 | Φ25k6 | Φ120 | 8 | 3 | Φ6.5 | Φ80j6 | Φ100 | 4 | 204 | 59 | 3.4 | 92 | 142 | / | Φ120 | | | |
| | | Φ140 | 8 | 3 | Φ8.5 | Φ95j6 | Φ115 | 4 | 50 | 5 | 40 | M10 | 8 | 28 | Φ120 | | | |
| ZYRF39 | Φ25k6 | Φ160 | 10 | 3.5 | Φ8.5 | Φ110j6 | Φ130 | 4 | 213 | 66.5 | 10.1 | 96 | 161 | / | Φ120 | | | |
| | | Φ120 | 8 | 3 | Φ6.5 | Φ80j6 | Φ100 | 4 | 50 | 5 | 40 | M10 | 8 | 28 | Φ120 | | | |
| ZYRF49 | Φ30k6 | Φ160 | 10 | 3.5 | Φ9 | Φ110j6 | Φ130 | 4 | 240 | 72 | 14 | 118 | 180 | / | Φ160 | | | |
| | | Φ200 | 12 | 3.5 | Φ11 | Φ130j6 | Φ165 | 4 | 60 | 3.5 | 50 | M10 | 8 | 33 | Φ160 | | | |
| ZYRF59 | Φ35k6 | Φ140 | 10 | 3 | Φ9 | Φ95j6 | Φ115 | 4 | 269 | 75 | 11.2 | 122 | 202 | / | Φ160 | | | |
| | | Φ200 | 12 | 3.5 | Φ11 | Φ130j6 | Φ165 | 4 | 70 | 7 | 56 | M12 | 10 | 38 | Φ160 | | | |
| ZYRF69 | Φ35k6 | Φ250 | 15 | 4 | Φ13.5 | Φ180j6 | Φ215 | 4 | 294 | 86 | 20.7 | 134 | 215 | 116 | Φ160 | | | |
| | | Φ200 | 12 | 3.5 | Φ11 | Φ130j6 | Φ165 | 4 | 70 | 7 | 56 | M12 | 10 | 38 | Φ160 | | | |
| ZYRF79 | Φ40k6 | Φ250 | 15 | 4 | Φ13.5 | Φ180j6 | Φ215 | 4 | 322 | 93 | 15.9 | 147 | 235 | 130 | Φ200 | | | |
| | | Φ300 | 15 | 4 | Φ13.5 | Φ230j6 | Φ265 | 4 | 80 | 5 | 70 | M16 | 12 | 43 | Φ200 | | | |
| ZYRF89 | Φ50k6 | Φ300 | 16 | 4 | Φ13.5 | Φ230j6 | Φ265 | 4 | 395 | 115 | 12.6 | 184 | 297 | 165 | Φ250 | | | |
| | | Φ350 | 18 | 5 | Φ17.5 | Φ250h6 | Φ300 | 4 | 100 | 10 | 80 | M16 | 14 | 53.5 | Φ250 | | | |
| ZYRF99 | Φ60m6 | Φ350 | 18 | 5 | Φ17.5 | Φ250h6 | Φ300 | 4 | 461 | 145 | 10.2 | 232 | 348 | 193 | Φ300 | | | |
| | | Φ450 | 22 | 5 | Φ17.5 | Φ350h6 | Φ400 | 8 | 120 | 5 | 110 | M20 | 18 | 64 | Φ300 | | | |
| ZYRF109 | Φ70m6 | Φ350 | 20 | 5 | Φ17.5 | Φ250h6 | Φ300 | 4 | 510 | 161 | 20.4 | 258 | 409 | 230 | Φ350 | | | |
| | | Φ450 | 22 | 5 | Φ17.5 | Φ350h6 | Φ400 | 8 | 140 | 7.5 | 125 | M20 | 20 | 74.5 | Φ350 | | | |
| ZYRF139 | Φ90m6 | Φ450 | 22 | 5 | Φ17.5 | Φ350h6 | Φ400 | 8 | 606 | 180 | 25.1 | 318 | 458 | 248 | Φ400 | | | |
| | | Φ550 | 25 | 5 | Φ17.5 | Φ450h6 | Φ500 | 8 | 170 | 5 | 160 | M24 | 25 | 95 | Φ400 | | | |
| ZYRF149 | Φ110m6 | Φ450 | 22 | 5 | Φ17.5 | Φ350h6 | Φ400 | 8 | 711 | 210 | 33.4 | 363 | 540 | 293 | Φ450 | | | |
| | | Φ550 | 25 | 5 | Φ17.5 | Φ450h6 | Φ500 | 8 | 210 | 15 | 180 | M24 | 28 | 116 | Φ450 | | | |
| ZYRF169 | Φ120m6 | Φ550 | 25 | 5 | Φ17.5 | Φ450h6 | Φ500 | 8 | 805 | 250 | 59.9 | 432 | 670 | 350 | Φ550 | | | |
| | | Φ660 | 28 | 6 | Φ22 | Φ550h6 | Φ600 | 8 | 210 | 5 | 200 | M24 | 32 | 127 | Φ550 | | | |
| ZYRF179 | Φ160m6 | Φ660 | 32 | 6 | Φ22 | Φ550h6 | Φ600 | 8 | 980 | 355 | 93 | 533 | 780 | / | Φ550 | | | |
| | | Φ880 | 36 | 6 | Φ33 | Φ680h6 | Φ800 | 8 | 250 | 15 | 220 | M30 | 40 | 169 | Φ550 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

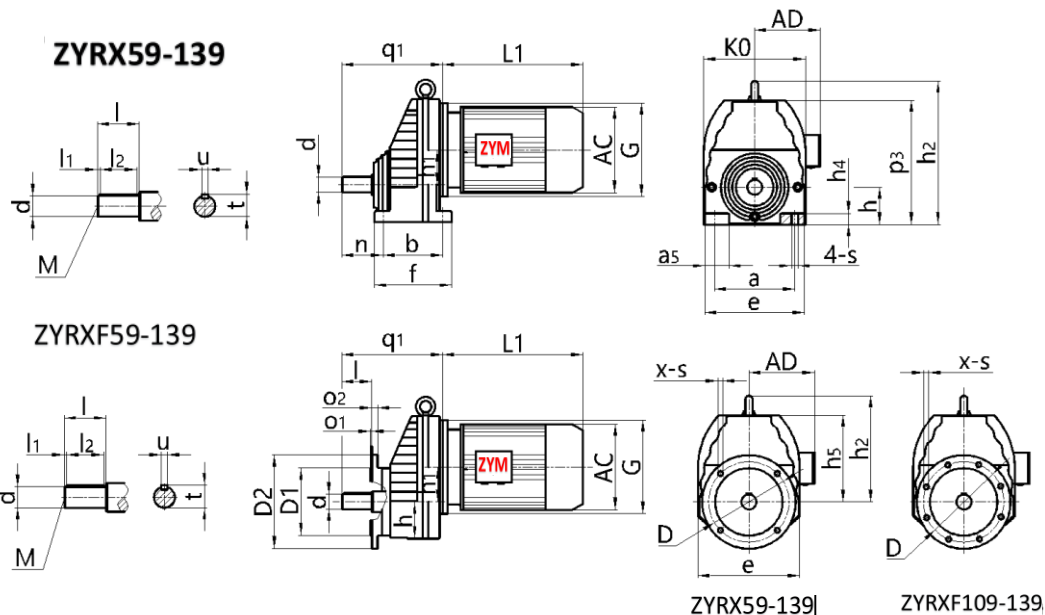
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYRX59-139/ZYRRXF59-139

Mounting Dimensional Description

ZYRX59-139/ZYRXF59-139



| 机型号 Type Size | q1 h | d p3 | h1 h2 | n K0 | b l1 | f l2 | a5 l | a M | e u | s t | h4 G | 电机尺寸 Motor Size | | |
|------------------|----------------|--------------|-------------|-------------|------------|------------|------------|------------|-----------|-------------|------------|---|----|----|
| | | | | | | | | | | | | AC | AD | L1 |
| ZYRX59 | 174 63-0.5 | Φ20k6 206 | 52 / | 56.5 162 | 110 3.5 | 137 32 | 31 40 | 125 M6 | 156 6 | Φ11 22.5 | 18 Φ160 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYRX69 | 201 80-0.5 | Φ25k6 230 | 60 / | 75 176 | 120 3.5 | 150 40 | 35 50 | 135 M10 | 170 8 | Φ13.5 28 | 20 Φ160 | | | |
| ZYRX79 | 227 90-0.5 | Φ30k6 276 | 72 314 | 85 210 | 150 3.5 | 190 50 | 50 60 | 170 M10 | 204 8 | Φ17.5 33 | 25 Φ200 | | | |
| ZYRX89 | 269 100-0.5 | Φ40k6 336 | 93.5 383 | 110 272 | 160 5 | 206 70 | 60 80 | 215 M16 | 266 12 | Φ17.5 43 | 30 Φ250 | | | |
| ZYRX99 | 316 112-0.5 | Φ50k6 399 | 116 444 | 140 328 | 185 10 | 240 80 | 70 100 | 250 M16 | 320 14 | Φ22 53.5 | 35 Φ300 | | | |
| ZYRX109 | 364 140-0.5 | Φ60m6 465 | 130 520 | 152 370 | 210 5 | 260 110 | 80 120 | 310 M20 | 360 18 | Φ22 64 | 45 Φ350 | | | |
| ZYRX139 | 398 160-0.5 | Φ70m6 532 | 157 598 | 195 416 | 240 7.5 | 320 125 | 110 140 | 340 M20 | 450 20 | Φ35 74.5 | 50 Φ400 | | | |

| 机 型 号 Type Size | d | D2 | D1 | o2 | o1 | D | x | s | h l2 | h1 l | h5 M | h2 u | e t | l1 q1 | G | 电机尺寸 Motor Size | | |
|--------------------|-------|------|--------|----|-----|------|---|-------|------------|------------|------------|-----------|-------------|------------|------|---|----|----|
| | | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYRXF59 | Φ20k6 | Φ140 | Φ95j6 | 10 | 3 | Φ115 | 4 | Φ9 | 68 32 | 52 40 | 141 M6 | / 6 | 162 22.5 | 3.5 174 | Φ160 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| | | Φ160 | Φ110j6 | 10 | 3.5 | Φ130 | 4 | Φ9 | | | | | | | | | | |
| | | Φ200 | Φ130j6 | 12 | 3.5 | Φ165 | 4 | Φ11 | | | | | | | | | | |
| ZYRXF69 | Φ25k6 | Φ160 | Φ110j6 | 10 | 3.5 | Φ130 | 4 | Φ9 | 75 40 | 60 50 | 150 M10 | / 8 | 180 28 | 3.5 201 | Φ160 | | | |
| | | Φ200 | Φ130j6 | 12 | 3.5 | Φ165 | 4 | Φ11 | | | | | | | | | | |
| | | Φ250 | Φ180j6 | 15 | 4 | Φ215 | 4 | Φ13.5 | | | | | | | | | | |
| ZYRXF79 | Φ30k6 | Φ200 | Φ130j6 | 12 | 3.5 | Φ165 | 4 | Φ11 | 82 50 | 72 60 | 185 M10 | 224 8 | 210 33 | 3.5 227 | Φ200 | | | |
| | | Φ250 | Φ180j6 | 15 | 4 | Φ215 | 4 | Φ13.5 | | | | | | | | | | |
| ZYRXF89 | Φ40k6 | Φ250 | Φ180j6 | 15 | 4 | Φ215 | 4 | Φ13.5 | 102 70 | 93.5 80 | 238 M16 | 283 12 | 272 43 | 5 269 | Φ250 | | | |
| | | Φ300 | Φ230j6 | 16 | 4 | Φ265 | 4 | Φ13.5 | | | | | | | | | | |
| ZYRXF99 | Φ50k6 | Φ300 | Φ230j6 | 16 | 4 | Φ265 | 4 | Φ13.5 | 124 80 | 116 100 | 287 M16 | 332 14 | 328 53.5 | 10 316 | Φ300 | | | |
| | | Φ350 | Φ250h6 | 18 | 5 | Φ300 | 4 | Φ17.5 | | | | | | | | | | |
| ZYRXF109 | Φ60m6 | Φ350 | Φ250h6 | 18 | 5 | Φ300 | 4 | Φ17.5 | 141 110 | 130 120 | 325 M20 | 380 18 | 370 64 | 5 364 | Φ350 | | | |
| | | Φ450 | Φ350h6 | 22 | 5 | Φ400 | 8 | Φ17.5 | | | | | | | | | | |
| ZYRXF139 | Φ70m6 | Φ350 | Φ250h6 | 18 | 5 | Φ300 | 4 | Φ17.5 | 176 125 | 157 140 | 372 M20 | 437 20 | 416 74.5 | 7.5 398 | Φ400 | | | |
| | | Φ450 | Φ350h6 | 22 | 5 | Φ400 | 8 | Φ17.5 | | | | | | | | | | |
| | | Φ550 | Φ450h6 | 22 | 5 | Φ500 | 8 | Φ17.5 | | | | | | | | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

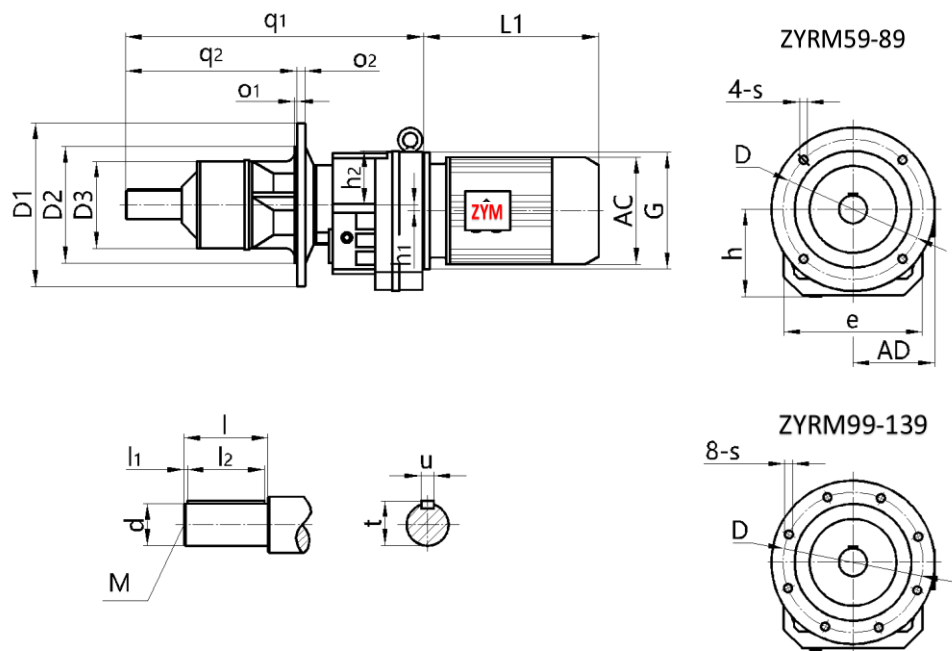
Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸
ZYRM59-169

Mounting Dimensional
Description ZYRM59-169



| 机 型 号 Type Size | q ₁ q ₂ | o ₁ o ₂ | h ₁ h ₂ | h e | D D1 | D2 d | D3 l | l ₁ l ₂ | s M | u t | G | 电机尺寸 Motor Size | | |
|--------------------|----------------------------------|----------------------------------|----------------------------------|--------|---------|---------|---------|----------------------------------|--------|--------|------|---|----|----|
| | | | | | | | | | | | | AC | AD | L1 |
| ZYRM59 | 420 | 4 | 11.2 | 122 | Φ215 | Φ180j6 | Φ142 | 7 | Φ13.5 | 10 | Φ160 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| | 230 | 15 | 75 | 202 | Φ250 | Φ35k6 | 70 | 56 | M12 | 38 | Φ160 | | | |
| ZYRM69 | 459 | 4 | 20.7 | 134 | Φ265 | Φ230j6 | Φ152 | 5 | Φ13.5 | 12 | Φ160 | | | |
| | 240 | 16 | 86 | 215 | Φ300 | Φ40k6 | 80 | 70 | M16 | 43 | Φ160 | | | |
| ZYRM79 | 527 | 5 | 15.9 | 147 | Φ300 | Φ250h6 | Φ180 | 10 | Φ17.5 | 14 | Φ200 | | | |
| | 300 | 18 | 93 | 235 | Φ350 | Φ50k6 | 100 | 80 | M16 | 53.5 | Φ200 | | | |
| ZYRM89 | 639 | 5 | 12.6 | 184 | Φ300 | Φ250h6 | Φ199 | 5 | Φ17.5 | 18 | Φ250 | | | |
| | 360 | 18 | 115 | 297 | Φ350 | Φ60m6 | 120 | 110 | M20 | 64 | Φ250 | | | |
| ZYRM99 | 745 | 5 | 10.2 | 232 | Φ400 | Φ350h6 | Φ229 | 7.5 | Φ17.5 | 20 | Φ300 | | | |
| | 420 | 22 | 145 | 348 | Φ450 | Φ70m6 | 140 | 125 | M20 | 74.5 | Φ300 | | | |
| ZYRM109 | 864 | 5 | 20.4 | 258 | Φ500 | Φ450h6 | Φ250 | 25 | Φ17.5 | 22 | Φ350 | | | |
| | 500 | 25 | 161 | 409 | Φ550 | Φ80m6 | 170 | 125 | M20 | 85 | Φ350 | | | |
| ZYRM139 | 1024 | 5 | 25.1 | 318 | Φ500 | Φ450h6 | Φ275 | 15 | Φ17.5 | 28 | Φ400 | | | |
| | 600 | 25 | 180 | 458 | Φ550 | Φ100m6 | 210 | 180 | M24 | 106 | Φ400 | | | |
| ZYRM149 | 1154 | 6 | 33.4 | 363 | Φ600 | Φ550h6 | Φ299 | 15 | Φ22 | 28 | Φ450 | | | |
| | 660 | 28 | 210 | 540 | Φ660 | Φ110m6 | 210 | 180 | M24 | 116 | Φ450 | | | |
| ZYRM169 | 1313 | 6 | 59.9 | 432 | Φ600 | Φ550h6 | Φ321 | 5 | Φ22 | 32 | Φ550 | | | |
| | 730 | 28 | 250 | 670 | Φ660 | Φ125m6 | 210 | 200 | M24 | 134 | Φ550 | | | |

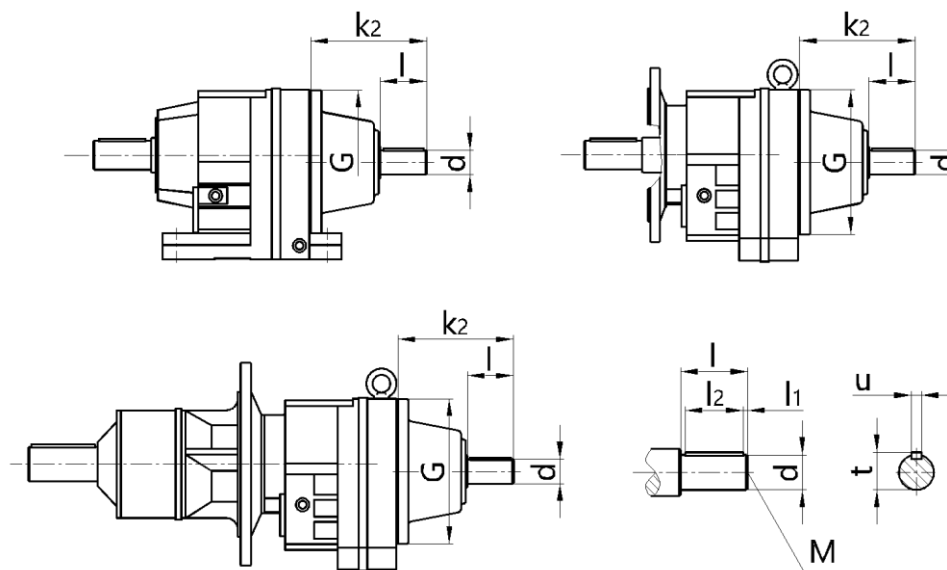
注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.
注：电机需方配或配特殊电机时需加联接法兰（见附录 D）
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYR..29-179AD1-8

Mounting Dimensional Description

ZYR..29-179AD1-8



| 机型号 Type Size | 规格 Specification | 适用功率范围(kW)/4P Range Power | d | G | k ₂ | l | M | l ₁ | l ₂ | t | u |
|------------------|---------------------|------------------------------|------|------|----------------|-----|-----|----------------|----------------|------|----|
| ZYR..29/39 | AD1 | 0.12-0.18 | 16k6 | Φ120 | 130 | 40 | M5 | 4 | 32 | 18 | 5 |
| | AD2 | 0.25-3 | 19k6 | Φ120 | 130 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| ZYR..49/59/69 | AD2 | 0.12-1.5 | 19k6 | Φ160 | 149 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-7.5 | 24k6 | Φ160 | 159 | 50 | M8 | 5 | 40 | 27 | 8 |
| ZYR..79 | AD2 | 0.18-1.5 | 19k6 | Φ200 | 184 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-4 | 24k6 | Φ200 | 194 | 50 | M8 | 5 | 40 | 27 | 8 |
| | AD4 | 5.5-11 | 38k6 | Φ200 | 224 | 80 | M12 | 5 | 70 | 41 | 10 |
| ZYR..89 | AD2 | 0.55-1.5 | 19k6 | Φ250 | 136 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-4 | 28k6 | Φ250 | 156 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ250 | 262 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ250 | 292 | 110 | M16 | 10 | 70 | 45 | 12 |
| ZYR..99 | AD3 | 0.55-4 | 28k6 | Φ300 | 194 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ300 | 214 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ300 | 327 | 110 | M16 | 10 | 70 | 45 | 12 |
| | AD6 | 30 | 48k6 | Φ300 | 327 | 110 | M16 | 10 | 80 | 51.5 | 14 |
| ZYR..109 | AD3 | 2.2-4 | 28k6 | Φ350 | 188 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ350 | 208 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ350 | 321 | 110 | M16 | 10 | 70 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ350 | 321 | 110 | M16 | 10 | 80 | 51.5 | 14 |
| ZYR..139 | AD4 | 5.5-7.5 | 38k6 | Φ400 | 270 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ400 | 300 | 110 | M16 | 10 | 70 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ400 | 300 | 110 | M16 | 10 | 80 | 51.5 | 14 |
| | AD7 | 55 | 55m6 | Φ400 | 300 | 110 | M20 | 10 | 90 | 59 | 16 |
| ZYR..149 | AD4 | 7.5 | 38k6 | Φ450 | 270 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ450 | 300 | 110 | M16 | 10 | 90 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ450 | 300 | 110 | M16 | 10 | 90 | 51.5 | 14 |
| | AD7 | 55 | 55m6 | Φ450 | 300 | 110 | M20 | 10 | 90 | 59 | 16 |
| | AD8 | 75-90 | 70m6 | Φ450 | 383 | 140 | M20 | 15 | 110 | 74.5 | 20 |
| ZYR..169/179 | AD5 | 11-22 | 42k6 | Φ550 | 344 | 110 | M16 | 10 | 90 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ550 | 344 | 110 | M16 | 10 | 90 | 51.5 | 14 |
| | AD7 | 55-90 | 55m6 | Φ550 | 344 | 110 | M20 | 10 | 90 | 59 | 16 |
| | AD8 | 110-160 | 70m6 | Φ550 | 374 | 140 | M20 | 15 | 110 | 74.5 | 20 |

其它尺寸请参照 ZYR 型。

注： 1. ZYRF/ZYRX/ZYRXF/ZYRM 也可采用双轴型，并分别记为 ZYRF..AD...、ZYRX..AD...、ZYRXF..AD...和

GRM..AD...通过联轴器联接，可直接参考上表功率范围；若电机和减速机之间是通过其他极数电机、齿轮、链轮、皮带轮等传动方式联接，需客户自行转换。

For other dimensions, see the typeZYR.

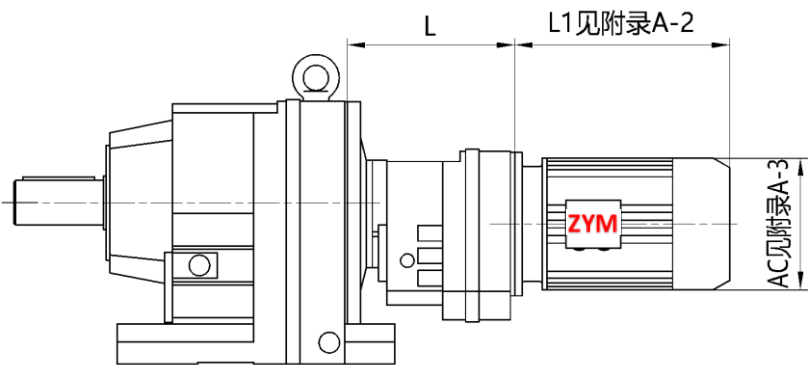
Note: 1. Double shafts type is also available for type ZYRF/ZYRX/ZYRXF/ZYRM and these double shafts types are respectively named type

ZYRF..AD...、ZYRX..AD...、ZYRXF..AD...andZYRM..AD...

2. Applicable power refers to the input torque of 4 pole motor. If the connect way is coupling, can see the power range on the table directly, if the connect way is other pole motor, sprocket, belt pulley, need customers to convert by themselves.

安装结构尺寸 ZYR..R..

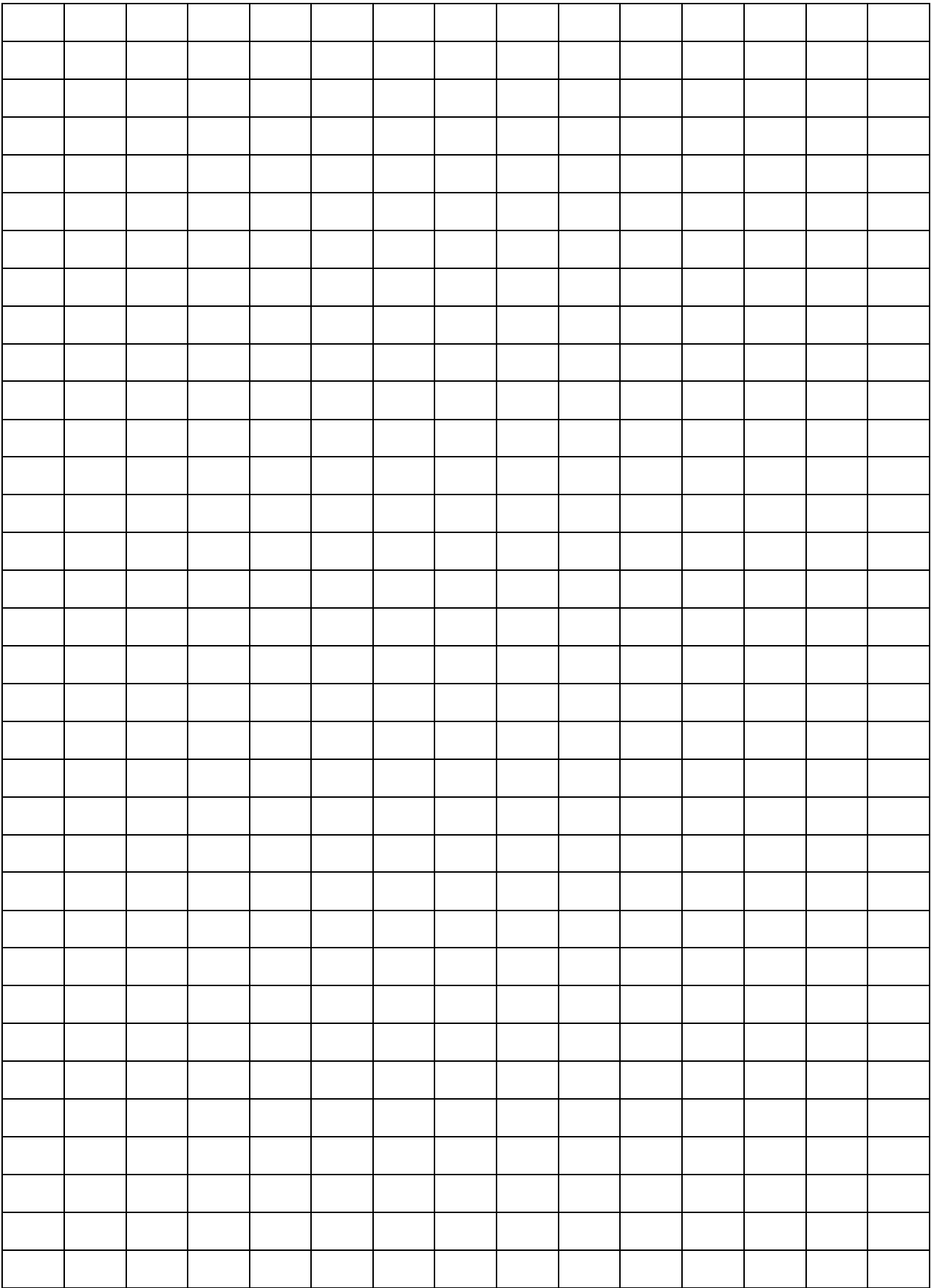
Mounting Dimensional Description ZYR..R..



| 机 型 号 Type Size | 机座号 Frame Size | L |
|--|-------------------|-----|
| ZYR..29R19 ZYR..39R19 | 63 | 135 |
| | 71 | |
| ZYR..49R39 ZYR..59R39 ZYR..69R39 | 63 | 163 |
| | 71 | |
| ZYR..79R39 | 63 | 163 |
| | 71 | |
| | 80 | |
| ZYR..89R59 | 63 | 216 |
| | 71 | |
| | 80 | |
| | 90 | |
| ZYR..99R59 | 63 | 216 |
| | 71 | |
| | 80 | |
| | 90 | |
| | 100 | |
| ZYR..109R79 | 63 | 251 |
| | 71 | |
| | 80 | |
| | 90 | |
| | 100 | |
| | 112 | |
| ZYR..139R79 | 63 | 244 |
| | 71 | |
| | 80 | |
| | 90 | |
| | 100 | |
| | 112 | |
| | 132 | |

| 机 型 号 Type Size | 机座号 Frame Size | L |
|------------------------------|-------------------|-----|
| ZYR..149R79 | 63 | 241 |
| | 71 | |
| | 80 | |
| | 90 | |
| | 100 | |
| | 112 | |
| ZYR..149R89 | 132 | 280 |
| | 160 | |
| | 90 | |
| | 100 | |
| | 112 | |
| ZYR..169R99 ZYR..179R99 | 132 | 332 |
| | 160 | |
| | 180 | |
| | 80 | |
| | 90 | |
| | 100 | |
| ZYR..169R109 ZYR..179R109 | 112 | 382 |
| | 132 | |
| | 160 | |
| | 180 | |
| | 200 | |
| | 225 | |

注：ZYRF 也可采用串联组合机型。
Note:Combined type is also available for type ZYRF.
注：电机需方配或配特殊电机时需加联接法兰（见附录 D）
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

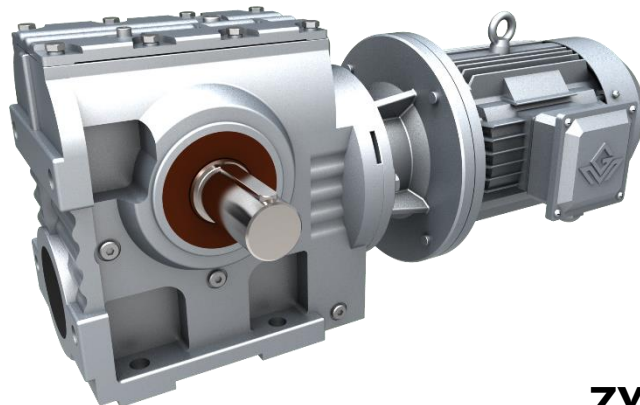


ZYS

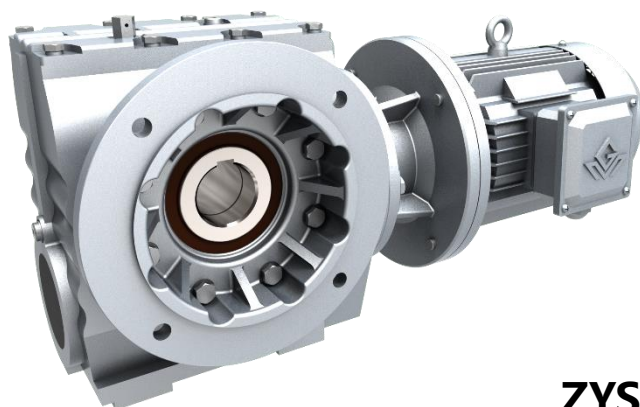
系列

斜齿轮—蜗轮蜗杆减速电机

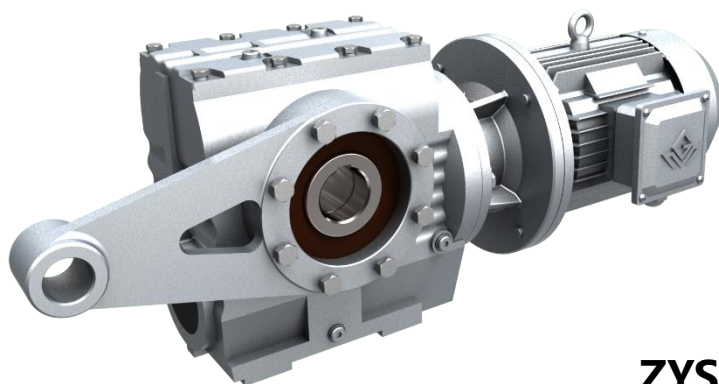
ZYS Series Helical-Worm Geared Motors



ZYS..



ZYSAF..



ZYSA/T..

ZYS 系列

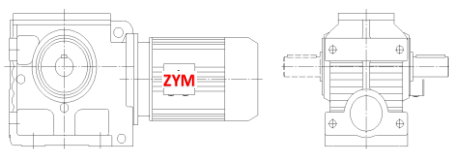
结构形式说明

ZYS 系列输出轴垂直于输入轴，由一级斜齿轮和一级蜗轮蜗杆构成。

Output shafts of Y series are vertical to input shafts. Units of ZYS series consist of single stage helical gears and single stage worn gears.

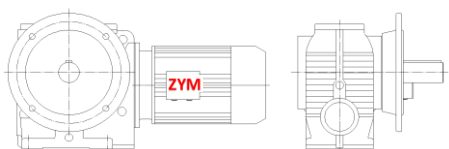
1.ZYS 型： 底脚安装，输出轴为实心轴。

Type ZYS: Foot-mounted. Solid output shaft.



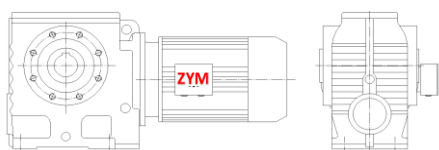
2.ZYSF 型： B5 法兰安装，输出轴为实心轴。

Type ZYSF: B5 flange mounted. Solid output shaft.



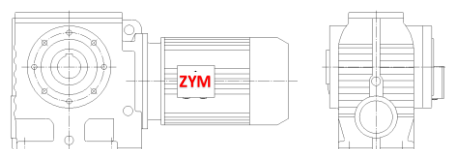
3.ZYSA 型： 轴装式，输出轴为空心轴。

Type ZYSA: Shaft mounted. Hollow output shaft.



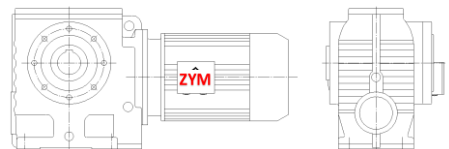
4.ZYSAF 型： B5 法兰安装，输出轴为空心轴。

Type ZYSAF: B5 flange mounted. Hollow output shaft.



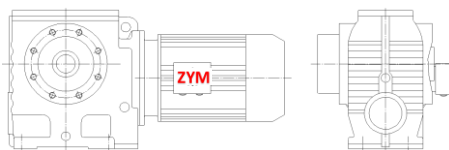
5.ZYSAZ 型： B14 法兰安装，输出轴为空心轴。

Type ZYSAZ: B14 flange mounted. Hollow output shaft.



6.ZYSH 型： 轴装式，输出轴为空心轴带锁紧盘。

Type ZYSH: Shaft mounted. Hollow output shaft with shrink disk.

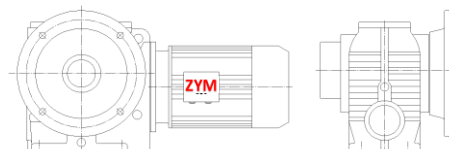


Type of ZYS Series

Dimensional Description

7.ZYSHF 型： B5 法兰安装，输出轴为空心轴带锁紧盘。

Type ZYSHF: B5 flange mounted. Hollow output shaft with shrink disk.



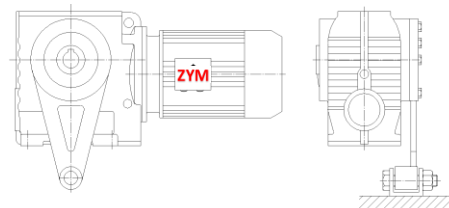
8.ZYSHZ 型： B14 法兰安装，输出轴为空心轴带锁紧盘。

Type ZYSHZ: B14 flange mounted. Hollow output shaft with shrink disk.



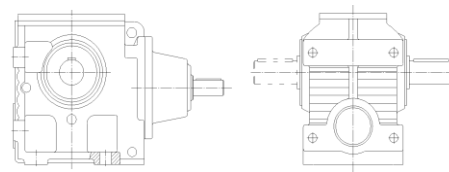
9.ZYSAT 型/ZYSHT 型： 防转臂安装。

Type ZYSAT/ZYSHT: Torque arm mounted.



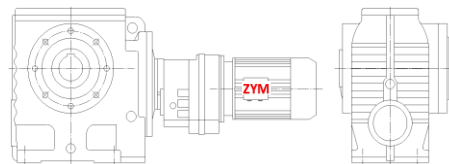
10.ZYS..AD 型： 输入轴型。

Type ZYS..AD: Input Shaft types.



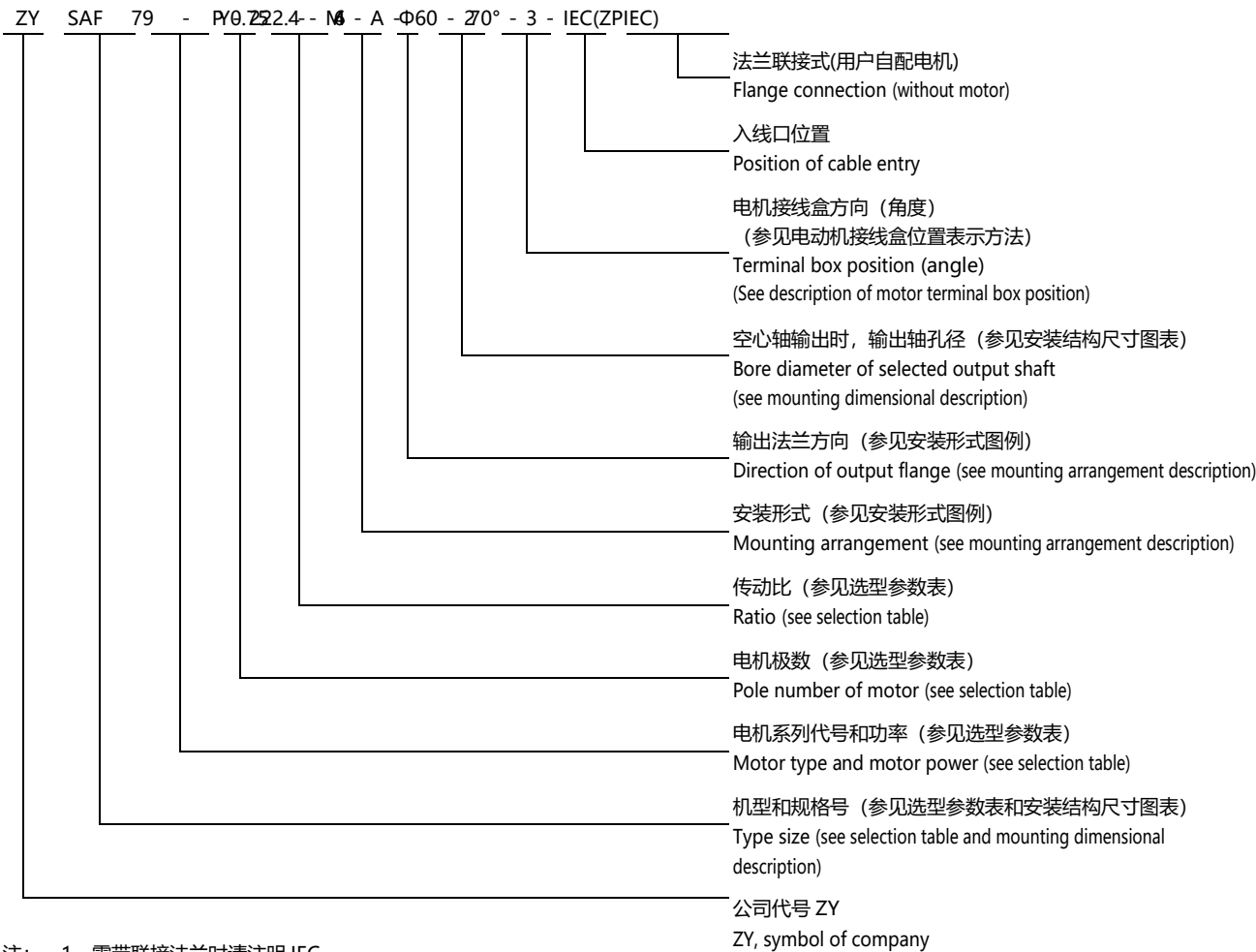
11.ZYS..R 型： ZYS 系列和 ZYR 系列的组合。

Type ZYS..R: Combined types of type ZYS and type ZYR.



型号表示方法

Type Expression of ZYS Series



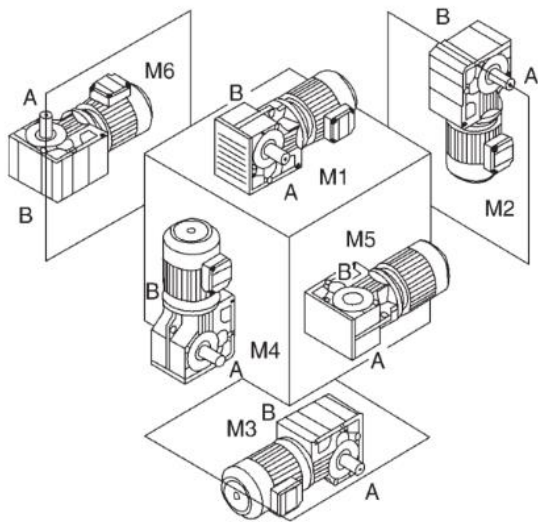
- 注: 1、需带联接法兰时请注明 IEC。
2、输入轴型没有电动机各项内容。
3、不注明减速机的安装形式时, 则默认为安装形式中的 M1 位置。不注明接线盒方向时, 则默认为安装形式中的 0 度位置。不注明入线口位置时, 则默认为 X 位置。
4、对输出轴旋转方向和输入轴旋转方向有特别要求的用户, 请与技术部联系, 并在订货时用简图或文字说明。
- Note: 1、Please make a note, if it needs connecting flange.
2、Contents of motors for input shaft types are not listed.
3、It is M1, When the mounting arrangement of the reducer is not mentioned. Degree=0°, if terminal box position is not mentioned. It is X, if cable entry position is not mentioned.
4、If specific rotation directions of output shaft or/and input shaft are specially requested, please contact our technology department, and make detailed description while placing order.

电机接线盒位置及入线口位置表示方法

Description of Motor Terminal Box Position and Cable Entry Position



安装形式图例



安装形式定义:

M1-电机水平放置; 减速机底脚朝下。

M2-电机居下。

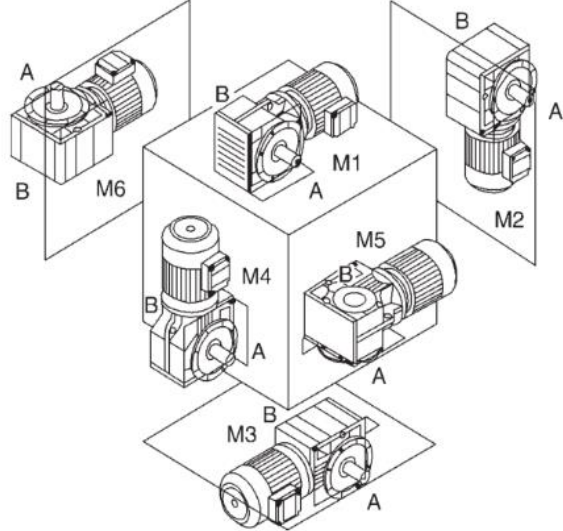
M3-电机水平放置; 减速机底脚朝上。

M4-电机居上。

M5-电机水平放置; 当减速机在 M1 安装位置时, 从电机方向看, 减速机的左面旋转到下方位置。

M6-电机水平放置; 当减速机在 M1 安装位置时, 从电机方向看, 减速机的左面旋转到上方位置。

Mounting Arrangements Description



Mounting arrangements are defined as following:

M1-horizontally mounted motor,unit base is at bottom.

M2-motor is vertically mounted downwards.

M3-horizontally mounted motor,unit base is top.

M4-motor is vertically mounted upwards.

M5-horizontally mounted motor,if placed on M1 position,left side of unit turns to bottom(view point:towards from motor side).

M6-horizontally mounted motor,if placed on M1 position,left side of unit turns to top(view point:towards from motor side).

减速机重量

| 机型号 Type size | ZYS39 | ZYS49 | ZYS59 | ZYS69 | ZYS79 | ZYS89 | ZYS99 | ZYS109 |
|------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| 重量(kg) Weight | 7 | 10 | 14 | 26 | 50 | 95 | 170 | 240 |

注:重量为平均值, 不包括电机、联接法兰, 仅供参考。

(Note: The weights mean values without the motor and IEC flange, only for reference.)

Gear Unit Weight

选型参数表注释

恒功率 Constant power

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_b | 机型号 Type size | 极数 Pole |
|----------------------|-----------------------|--------------|-----------------------------------|------------------------|------------------|------------|
| ↓ | ↓ | ↓ | ↓ | ↓ | | |
| 输出转速 Output speed | 输出转矩 Output torque | 减速比 Ratio | 许用径向载荷 Permissible radial load | 使用系数 Service factor | | |

Description of Selection Table

恒转矩 Constant torque

| M_{max} [Nm] | n_a [r/min] | i | F_{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|-----------------------------|----------------------|--------------|-----------------------------------|------------------|---------------------|
| ↓ | ↓ | ↓ | ↓ | | |
| 最大输出转矩 Max.output torque | 输出转速 Output speed | 减速比 Ratio | 许用径向载荷 Permissible radial load | | 电机功率 Motor power |

选型参数表

Selection Table

(恒功率) 0.12kW-0.18kW

(Constant Power) 0.12kW-0.18kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|--|----------------|--|--|----|--|
| 0.12kW | | | | | | | 0.12kW | | | | | | | | |
| 0.10 | 7447 | 12901 | 40 | 0.85 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 4P | 8.3 | 67 | 157.43 | 2.9 | 1.10 | ZYS39 ZYSF39 ZYSA39 ZYSAF39 | 4P | | |
| 0.11 | 6757 | 11708 | 40 | 0.95 | | | 9.1 | 61 | 144.40 | 2.9 | 1.15 | | | | |
| | | | | | | | 11 | 54 | 122.94 | 2.9 | 1.20 | | | | |
| | | | | | | | 12 | 47 | 106.00 | 2.9 | 1.30 | | | | |
| 0.12 | 4275 | 11267 | 27 | 0.90 | ZYS99R59 | 4P | 13 | 44 | 98.80 | 2.9 | 1.30 | | | | |
| 0.13 | 3906 | 10078 | 31 | 1.10 | ZYSF99R59 | | 15 | 40 | 86.36 | 2.9 | 1.40 | | | | |
| 0.15 | 3240 | 8608 | 32 | 1.25 | ZYSA99R59 | | 16 | 37 | 80.96 | 2.9 | 1.40 | | | | |
| 0.17 | 2862 | 7554 | 33 | 1.45 | ZYSAF99R59 | | 18 | 33 | 71.44 | 2.9 | 1.45 | | | | |
| 0.20 | 2421 | 6706 | 26 | 1.05 | ZYS89R59 | 4P | 21 | 30 | 63.33 | 2.9 | 1.55 | | | | |
| 0.22 | 2160 | 5875 | 26 | 1.15 | ZYSF89R59 | | 23 | 32 | 55.93 | 2.9 | 1.50 | | | | |
| 0.25 | 1791 | 5187 | 27 | 1.30 | ZYSA89R59 | | 26 | 30 | 51.30 | 2.9 | 1.55 | | | | |
| 0.28 | 1593 | 4606 | 27 | 1.40 | ZYSAF89R59 | | 30 | 25 | 43.68 | 2.9 | 1.65 | | | | |
| 0.34 | 1323 | 3872 | 28 | 1.55 | | | 35 | 23 | 37.66 | 2.9 | 1.75 | | | | |
| 0.37 | 1233 | 3540 | 9.2 | 0.95 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 4P | 37 | 21 | 35.10 | 2.9 | 1.75 | | | | |
| 0.42 | 1080 | 3098 | 12 | 1.10 | | | 43 | 18 | 30.68 | 2.9 | 1.85 | | | | |
| 0.48 | 1139 | 2753 | 11 | 1.05 | | | 46 | 17 | 28.76 | 2.9 | 1.90 | | | | |
| 0.55 | 1197 | 2374 | 11 | 0.90 | | | 52 | 15 | 25.38 | 2.9 | 2.00 | | | | |
| 0.63 | 1053 | 2083 | 12 | 1.10 | | | 58 | 14 | 22.50 | 2.9 | 2.05 | | | | |
| 0.72 | 891 | 1813 | 13 | 1.30 | | | 68 | 13 | 19.13 | 2.9 | 2.20 | | | | |
| 0.75 | 846 | 1745 | 14 | 1.35 | | | 69 | 12 | 18.85 | 2.9 | 2.10 | | | | |
| 0.82 | 774 | 1600 | 14 | 1.40 | | | 79 | 12 | 16.48 | 2.8 | 2.20 | | | | |
| 0.93 | 680 | 1404 | 14 | 1.50 | | | 85 | 10 | 15.45 | 2.7 | 2.30 | | | | |
| 1.1 | 594 | 1245 | 15 | 1.60 | | | | | 0.18kW | | | | | | |
| 1.1 | 531 | 1194 | 7.8 | 0.85 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 4P | 0.16 | 7238 | 8360 | 40 | 0.90 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 4P | | |
| 1.3 | 477 | 1045 | 8.3 | 1.00 | | | | | | | | | | | |
| 1.4 | 414 | 914 | 8.8 | 1.10 | | | | | | | | | ZYS89R59 ZYSF89R59 ZYSA89R59 ZYSAF89R59 | 4P | |
| 1.6 | 378 | 809 | 9.1 | 1.25 | | | | | | | | | | | |
| 1.8 | 333 | 712 | 9.4 | 1.40 | | | | | | | | | | | |
| 2.1 | 275 | 615 | 10 | 1.55 | | | | | | | | | | | |
| 2.4 | 248 | 543 | 10 | 1.60 | | | | | | | | | | | |
| 2.8 | 203 | 469 | 10 | 1.75 | | | | | | | | | | | |
| 3.1 | 185 | 424 | 10 | 1.80 | | | | | | | | | | | |
| 3.6 | 168 | 365 | 10 | 1.95 | | | | | | | | | | | |
| 2.0 | 297 | 655 | 6.6 | 0.85 | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 4P | 0.38 | 2187 | 3475 | 26 | 1.25 | ZYS89R59 ZYSF89R59 ZYSA89R59 ZYSAF89R59 | 4P | | |
| 2.3 | 257 | 574 | 6.9 | 0.95 | | | 0.45 | 1827 | 2905 | 27 | 1.40 | | | | |
| 2.6 | 225 | 506 | 7.2 | 1.10 | | | 0.51 | 1584 | 2586 | 27 | 1.55 | | | | |
| 3.0 | 194 | 438 | 7.4 | 1.25 | | | 0.56 | 1413 | 2335 | 27 | 1.60 | | | | |
| 3.4 | 170 | 388 | 7.5 | 1.35 | | | 0.64 | 1224 | 2054 | 28 | 1.70 | | | | |
| 3.9 | 152 | 336 | 7.6 | 1.45 | | | 0.72 | 1089 | 1824 | 28 | 1.80 | | | | |
| 4.5 | 131 | 294 | 7.7 | 1.55 | | | 0.80 | 972 | 1631 | 28 | 1.85 | | | | |
| 4.9 | 125 | 269 | 7.7 | 1.60 | | | | | | | | | | | |
| 3.0 | 194 | 438 | 4.8 | 0.80 | ZYS49R19 ZYSF49R19 ZYSA49R19 ZYSAF49R19 | 4P | 0.93 | 1125 | 1404 | 11 | 1.10 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 4P | | |
| 3.4 | 170 | 388 | 4.9 | 0.85 | | | 1.1 | 990 | 1245 | 13 | 1.20 | | | | |
| 3.9 | 152 | 336 | 5.1 | 0.95 | | | | | | | | | | | |
| 4.5 | 129 | 294 | 5.2 | 1.10 | | | 1.8 | 540 | 712 | 7.7 | 0.95 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 4P | | |
| 5.1 | 88 | 257 | 5.4 | 1.40 | | | 2.1 | 455 | 615 | 8.5 | 1.10 | | | | |
| 5.7 | 106 | 229 | 5.3 | 1.30 | | | 2.4 | 405 | 543 | 8.9 | 1.20 | | | | |
| 6.6 | 92 | 200 | 5.3 | 1.35 | | | 2.8 | 342 | 469 | 9.3 | 1.40 | | | | |
| 7.0 | 86 | 187 | 5.4 | 1.40 | | | 3.1 | 306 | 424 | 9.5 | 1.50 | | | | |
| 6.5 | 93 | 202 | 2.9 | 0.85 | 3.6 | 275 | 365 | 10 | 1.60 | | | | | | |
| 7.3 | 82 | 179 | 2.9 | 0.95 | 3.0 | 320 | 438 | 6.3 | 0.85 | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 4P | | | | |
| 8.3 | 74 | 158 | 2.9 | 1.05 | 3.4 | 284 | 388 | 6.7 | 0.90 | | | | | | |
| 9.1 | 68 | 144 | 2.9 | 1.05 | 3.9 | 248 | 336 | 7.0 | 1.05 | | | | | | |
| 11 | 55 | 118 | 2.9 | 1.15 | 4.5 | 216 | 294 | 7.2 | 1.20 | | | | | | |
| 12 | 51 | 110 | 2.9 | 1.15 | 4.9 | 203 | 269 | 7.3 | 1.30 | | | | | | |
| | | | | | 5.7 | 174 | 229 | 7.5 | 1.40 | | | | | | |
| | | | | | 6.4 | 157 | 204 | 7.6 | 1.50 | | | | | | |
| 6.5 | 86 | 201.00 | 5.4 | 1.55 | ZYS49 ZYSF49 ZYSA49 ZYSAF49 | 4P | 7.0 | 143 | 187 | 7.6 | 1.55 | | | | |
| 7.1 | 80 | 184.80 | 5.4 | 1.60 | | | 4.5 | 231 | 294 | 4.7 | 0.80 | ZYS49R19 ZYSF49R19 ZYSA49R19 ZYSAF49R19 | 4P | | |
| 8.3 | 69 | 158.12 | 5.5 | 1.65 | | | 5.1 | 173 | 257 | 5.1 | 1.10 | | | | |
| 9.6 | 61 | 137.05 | 5.5 | 1.80 | | | 5.7 | 204 | 229 | 4.9 | 0.95 | | | | |
| 10 | 58 | 128.10 | 5.5 | 1.80 | | | 6.6 | 179 | 200 | 5.1 | 1.05 | | | | |
| 12 | 51 | 110.73 | 5.5 | 1.90 | | | | | | | | | | | |

选型参数表

(恒功率) 0.18kW-0.25kW

Selection Table

(Constant Power) 0.18kW-0.25kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|--------|-------------------------|----------------|--------------------------------------|------------|---------------------------|------------------------|--------|--------------------------------------|----------------|--|------------|--|--|
| 0.18kW | | | | | | | 0.25kW | | | | | | | | |
| 7.0 | 168 | 187 | 5.1 | 1.10 | ZYS49R19 | 4P | 0.46 | 2637 | 2905 | 23 | 0.85 | ZYS89R59 ZYSF89R59 ZYSA89R59 ZYSAF89R59 | 4P | | |
| 7.9 | 124 | 165 | 5.2 | 1.20 | ZYSF49R19 | | 0.51 | 2304 | 2586 | 26 | 1.00 | | | | |
| 8.9 | 112 | 148 | 5.3 | 1.25 | ZYSA49R19 | | 0.57 | 2070 | 2335 | 27 | 1.10 | | | | |
| 10 | 99 | 131 | 5.3 | 1.35 | ZYSAF49R19 | | 0.65 | 1800 | 2054 | 27 | 1.30 | | | | |
| 3.9 | 227 | 217.41 | 10 | 1.80 | ZYS69 | 6P | 0.73 | 1593 | 1824 | 27 | 1.45 | | | | |
| 4.5 | 202 | 190.11 | 10 | 1.90 | ZYSF69 | | 0.82 | 1431 | 1631 | 28 | 1.60 | | | | |
| 4.7 | 194 | 180.60 | 10 | 1.95 | ZYSA69 | | 1.4 | 837 | 930 | 28 | 2.05 | | | | |
| | | | | | ZYSAF69 | | 1.4 | 1134 | 954 | 11 | 1.00 | | | | |
| 4.2 | 198 | 201.00 | 7.3 | 1.35 | ZYS59 | 6P | 1.6 | 999 | 837 | 13 | 1.15 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 4P | | |
| 4.6 | 185 | 184.80 | 7.4 | 1.40 | ZYSF59 | | 1.9 | 837 | 714 | 14 | 1.35 | | | | |
| 5.4 | 162 | 158.12 | 7.5 | 1.50 | ZYSA59 | | 2.1 | 738 | 637 | 14 | 1.55 | | | | |
| 6.2 | 143 | 137.05 | 7.6 | 1.55 | ZYSAF59 | | 2.3 | 671 | 574 | 14 | 1.60 | | | | |
| 6.5 | 139 | 201.00 | 7.6 | 1.65 | ZYS59 | 4P | 2.7 | 576 | 499 | 15 | 1.70 | | | | |
| 7.1 | 129 | 184.80 | 7.6 | 1.70 | ZYSF59 | | 2.4 | 585 | 543 | 7.0 | 0.90 | | | | |
| 8.3 | 113 | 158.12 | 7.7 | 1.80 | ZYSA59 | | 2.8 | 495 | 469 | 8.1 | 1.00 | | | | |
| 9.6 | 99 | 137.05 | 7.8 | 1.90 | ZYSAF59 | | 3.1 | 446 | 424 | 8.5 | 1.10 | | | | |
| 4.2 | 194 | 201.00 | 4.8 | 0.85 | ZYS49 | 6P | 3.6 | 396 | 365 | 8.9 | 1.30 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 4P | | |
| 4.6 | 179 | 184.80 | 4.9 | 0.90 | ZYSF49 | | 4.2 | 342 | 319 | 9.3 | 1.40 | | | | |
| 5.4 | 156 | 158.12 | 5.1 | 1.00 | ZYSA49 | | 4.7 | 302 | 281 | 9.5 | 1.50 | | | | |
| 6.2 | 138 | 137.05 | 5.1 | 1.10 | ZYSAF49 | | 4.5 | 311 | 294 | 6.4 | 0.85 | | | | |
| 6.6 | 130 | 128.10 | 5.2 | 1.20 | | | 4.9 | 288 | 269 | 6.6 | 0.95 | | | | |
| 6.5 | 134 | 201.00 | 5.2 | 1.20 | ZYS49 ZYSF49 ZYSA49 ZYSAF49 | 4P | 5.8 | 248 | 229 | 7.0 | 1.10 | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 4P | | |
| 7.1 | 124 | 184.80 | 5.2 | 1.30 | | | 6.5 | 225 | 204 | 7.2 | 1.20 | | | | |
| 8.3 | 109 | 158.12 | 5.3 | 1.35 | | | 7.1 | 207 | 187 | 7.3 | 1.30 | | | | |
| 9.6 | 96 | 137.05 | 5.3 | 1.45 | | | 8.1 | 180 | 165 | 7.4 | 1.40 | | | | |
| 10 | 90 | 128.10 | 5.4 | 1.50 | | | 10 | 146 | 131 | 7.6 | 1.50 | | | | |
| 12 | 79 | 110.73 | 5.4 | 1.55 | | | 2.9 | 392 | 217.41 | 8.9 | 1.20 | ZYS69 | 8P | | |
| 14 | 69 | 94.08 | 5.5 | 1.65 | | | 3.4 | 351 | 190.11 | 9.2 | 1.35 | ZYSF69 | | | |
| 16 | 62 | 84.00 | 5.5 | 1.75 | | | 3.5 | 333 | 180.60 | 9.3 | 1.45 | ZYSA69 | | | |
| 18 | 54 | 71.75 | 5.5 | 1.85 | | | 4.0 | 297 | 158.45 | 9.5 | 1.55 | ZYSAF69 | | | |
| 19 | 62 | 69.39 | 5.5 | 1.70 | | | 3.9 | 315 | 217.41 | 9.4 | 1.50 | ZYS69 | 6P | | |
| 8.3 | 104 | 157.43 | 2.8 | 0.85 | 4.5 | 279 | 190.11 | 10 | 1.60 | ZYSF69 | | | | | |
| 9.1 | 96 | 144.40 | 2.8 | 0.90 | 4.7 | 266 | 180.60 | 10 | 1.65 | ZYSA69 | | | | | |
| 11 | 84 | 122.94 | 2.8 | 1.00 | 5.4 | 239 | 158.45 | 10 | 1.75 | ZYSAF69 | | | | | |
| 12 | 74 | 106.00 | 2.8 | 1.05 | 6.1 | 221 | 217.41 | 10 | 1.85 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P | | | | |
| 13 | 69 | 98.80 | 2.8 | 1.05 | 7.0 | 198 | 190.11 | 10 | 1.95 | | | | | | |
| 15 | 61 | 86.36 | 2.8 | 1.15 | 7.4 | 189 | 180.60 | 10 | 2.00 | | | | | | |
| 16 | 58 | 80.96 | 2.8 | 1.15 | 8.4 | 168 | 158.45 | 10 | 2.10 | | | | | | |
| 18 | 52 | 71.44 | 2.8 | 1.20 | 10 | 145 | 134.40 | 10 | 2.20 | | | | | | |
| 21 | 47 | 63.33 | 2.8 | 1.25 | 11 | 132 | 121.33 | 10 | 2.30 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 6P | | | | |
| 23 | 50 | 55.93 | 2.8 | 1.20 | 12 | 118 | 106.75 | 10 | 2.40 | | | | | | |
| 26 | 46 | 51.30 | 2.8 | 1.25 | 4.2 | 275 | 201.00 | 6.7 | 0.95 | | | | | | |
| 30 | 40 | 43.68 | 2.8 | 1.35 | 4.6 | 257 | 184.80 | 6.9 | 1.00 | | | | | | |
| 35 | 34 | 37.66 | 2.8 | 1.40 | 5.4 | 221 | 158.12 | 7.1 | 1.20 | | | | | | |
| 37 | 32 | 35.10 | 2.8 | 1.45 | 6.2 | 198 | 137.05 | 7.3 | 1.35 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 4P | | | | |
| 43 | 29 | 30.68 | 2.8 | 1.50 | 6.6 | 185 | 128.10 | 7.4 | 1.35 | | | | | | |
| 46 | 27 | 28.76 | 2.8 | 1.55 | 6.6 | 194 | 201.00 | 7.3 | 1.40 | | | | | | |
| 52 | 24 | 25.38 | 2.8 | 1.60 | 7.2 | 180 | 184.80 | 7.4 | 1.45 | | | | | | |
| 58 | 22 | 22.50 | 2.8 | 1.70 | 8.4 | 158 | 158.12 | 7.5 | 1.55 | | | | | | |
| 68 | 20 | 19.13 | 2.8 | 1.80 | 9.7 | 140 | 137.05 | 7.6 | 1.60 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 4P | | | | |
| 69 | 19 | 18.85 | 2.8 | 1.75 | 10 | 131 | 128.10 | 7.6 | 1.65 | | | | | | |
| 79 | 17 | 16.48 | 2.7 | 1.80 | 12 | 116 | 110.73 | 7.7 | 1.75 | | | | | | |
| 85 | 16 | 15.45 | 2.6 | 1.85 | 14 | 100 | 94.08 | 7.8 | 1.85 | | | | | | |
| 96 | 14 | 13.63 | 2.5 | 1.95 | 16 | 91 | 84.00 | 7.8 | 1.95 | | | | | | |
| 108 | 13 | 12.08 | 2.5 | 2.00 | 6.6 | 194 | 201.00 | 4.9 | 0.80 | ZYS49 ZYSF49 ZYSA49 ZYSAF49 | 4P | | | | |
| 128 | 11 | 10.27 | 2.4 | 2.15 | 7.2 | 178 | 184.80 | 4.9 | 0.85 | | | | | | |
| 0.25kW | | | | | | | 8.4 | 157 | 158.12 | | | 5.1 | 1.00 | | |
| 0.20 | 7766 | 6557 | 40 | 0.85 | ZYS109R79 | 4P | 9.7 | 136 | 137.05 | | | 5.2 | 1.10 | | |
| 0.23 | 6832 | 5769 | 40 | 0.95 | ZYSF109R79 | | 10 | 129 | 128.10 | | | 5.2 | 1.20 | | |
| | | | | | ZYSA109R79 | | 12 | 113 | 110.73 | 5.3 | 1.35 | | | | |
| | | | | | ZYSAF109R79 | | 14 | 98 | 94.08 | 5.3 | 1.40 | | | | |
| | | | | | | | 16 | 89 | 84.00 | 5.4 | 1.45 | | | | |

选型参数表

(恒功率) 0.25kW-0.37kW

Selection Table

(Constant Power) 0.25kW-0.37kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|--------------------------------------|----------------|--------------------------------------|------------|
| 0.25kW | | | | | | | 0.37kW | | | | | | |
| 19 | 77 | 71.75 | 5.4 | 1.55 | QYS49 QYSF49 QYSA49 QYSAF49 | 4P | 2.9 | 662 | 225.26 | 14 | 1.65 | ZYS79 | 8P |
| 19 | 87 | 69.39 | 5.4 | 1.40 | | | 3.1 | 630 | 214.00 | 15 | 1.65 | ZYSF79 | |
| 20 | 72 | 67.20 | 5.5 | 1.60 | | | 3.5 | 567 | 189.09 | 15 | 1.75 | ZYSA79 | |
| 21 | 81 | 63.80 | 5.4 | 1.45 | | | 4.1 | 491 | 161.60 | 15 | 1.90 | ZYSAF79 | |
| 24 | 70 | 54.59 | 5.4 | 1.55 | | | 3.5 | 581 | 256.47 | 15 | 1.75 | ZYS79 | 6P |
| 28 | 61 | 47.32 | 5.5 | 1.65 | 4.0 | 518 | 225.26 | 15 | 1.85 | ZYSF79 | | | |
| | | | | | 4.2 | 491 | 214.00 | 15 | 1.90 | ZYSA79 ZYSAF79 | | | |
| 13 | 97 | 98.80 | 2.8 | 0.85 | QYS39 QYSF39 QYSA39 QYSAF39 | 4P | 4.1 | 455 | 217.41 | 8.4 | 1.10 | ZYS69 | 6P |
| 15 | 86 | 86.36 | 2.8 | 0.90 | | | 4.7 | 405 | 190.11 | 8.8 | 1.25 | ZYSF69 | |
| 16 | 82 | 80.96 | 2.8 | 0.95 | | | 4.9 | 387 | 180.60 | 8.9 | 1.35 | ZYSA69 | |
| 19 | 73 | 71.44 | 2.8 | 1.00 | | | 5.6 | 342 | 158.45 | 9.2 | 1.45 | ZYSAF69 | |
| 21 | 66 | 63.33 | 2.8 | 1.05 | | | 6.1 | 311 | 217.41 | 9.4 | 1.50 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P |
| 24 | 70 | 55.93 | 2.8 | 1.05 | | | 7.0 | 279 | 190.11 | 10 | 1.60 | | |
| 26 | 65 | 51.30 | 2.8 | 1.05 | | | 7.4 | 266 | 180.60 | 10 | 1.65 | | |
| 30 | 56 | 43.68 | 2.8 | 1.15 | | | 8.4 | 234 | 158.45 | 10 | 1.70 | | |
| 35 | 49 | 37.66 | 2.8 | 1.20 | | | 9.9 | 203 | 134.40 | 10 | 1.85 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 6P |
| 38 | 46 | 35.10 | 2.8 | 1.20 | | | 11 | 185 | 121.33 | 10 | 1.90 | | |
| 43 | 41 | 30.68 | 2.8 | 1.30 | | | 5.6 | 355 | 158.12 | 6.2 | 0.80 | | |
| 46 | 38 | 28.76 | 2.8 | 1.30 | | | 6.5 | 316 | 137.05 | 6.6 | 0.95 | | |
| 52 | 33 | 25.38 | 2.8 | 1.40 | | | 6.9 | 296 | 128.10 | 6.7 | 1.00 | ZYS59 ZYSF59 QYSA59 QYSAF59 | 4P |
| 59 | 30 | 22.50 | 2.8 | 1.45 | | | 8.0 | 263 | 110.73 | 7.0 | 1.10 | | |
| 70 | 29 | 19.13 | 2.7 | 1.60 | | | 9.4 | 226 | 94.08 | 7.2 | 1.30 | | |
| 71 | 26 | 18.85 | 2.7 | 1.50 | | | 11 | 205 | 84.00 | 7.4 | 1.35 | | |
| 81 | 23 | 16.48 | 2.6 | 1.60 | | | 6.6 | 275 | 201.00 | 6.7 | 0.95 | ZYS59 ZYSF59 QYSA59 QYSAF59 | 4P |
| 86 | 20 | 15.45 | 2.6 | 1.65 | | | 7.2 | 257 | 184.80 | 6.9 | 1.05 | | |
| 98 | 18 | 13.63 | 2.5 | 1.70 | 8.4 | 221 | 158.12 | 7.1 | 1.20 | | | | |
| 110 | 16 | 12.08 | 2.4 | 1.80 | 9.7 | 198 | 137.05 | 7.3 | 1.35 | | | | |
| 130 | 15 | 10.27 | 2.3 | 1.85 | 10 | 185 | 128.10 | 7.4 | 1.35 | | | | |
| 95 | 19 | 28.76 | 2.6 | 1.70 | 12 | 162 | 110.73 | 7.5 | 1.45 | | | | |
| 107 | 17 | 25.38 | 2.5 | 1.75 | 14 | 140 | 94.08 | 7.6 | 1.50 | | | | |
| 121 | 15 | 22.50 | 2.4 | 1.85 | 16 | 127 | 84.00 | 7.7 | 1.60 | | | | |
| 142 | 14 | 19.13 | 2.3 | 1.95 | 19 | 110 | 71.75 | 7.7 | 1.70 | | | | |
| 144 | 14 | 18.85 | 2.2 | 1.90 | 19 | 125 | 69.39 | 7.7 | 1.60 | | | | |
| 165 | 12 | 16.48 | 2.2 | 2.00 | 20 | 104 | 67.20 | 7.7 | 1.70 | | | | |
| 176 | 12 | 15.45 | 2.1 | 2.05 | 21 | 115 | 63.80 | 7.7 | 1.65 | | | | |
| 200 | 10 | 13.63 | 2.1 | 2.15 | 10 | 189 | 137.05 | 4.9 | 0.80 | ZYS49 QYSF49 QYSA49 QYSAF49 | 4P | | |
| 225 | 8 | 12.08 | 2.0 | 2.20 | 10 | 179 | 128.10 | 4.9 | 0.85 | | | | |
| 0.37kW | | | | | | | 12 | 158 | 110.73 | | | 5.1 | 0.95 |
| 0.31 | 7586 | 4328 | 40 | 0.85 | QYS109R79 QYSF109R79 QYSA109R79 QYSAF109R79 | 4P | 14 | 136 | 94.08 | | | 5.2 | 1.10 |
| 0.65 | 2574 | 2054 | 24 | 1.00 | QYS89R59 QYSF89R59 QYSA89R59 QYSAF89R59 | 4P | 16 | 123 | 84.00 | 5.2 | 1.20 | | |
| 0.73 | 2286 | 1824 | 26 | 1.10 | 19 | | 107 | 71.75 | 5.3 | 1.30 | | | |
| 0.82 | 2043 | 1631 | 27 | 1.20 | 19 | | 122 | 69.39 | 5.2 | 1.15 | | | |
| 1.4 | 1206 | 930 | 28 | 1.70 | 20 | | 101 | 67.20 | 5.3 | 1.30 | | | |
| 1.6 | 1089 | 831 | 28 | 1.75 | 21 | 113 | 63.80 | 5.2 | 1.20 | QYS49 QYSF49 QYSA49 QYSAF49 | 4P | | |
| 1.9 | 1179 | 714 | 11 | 1.00 | 24 | 98 | 54.59 | 5.3 | 1.30 | | | | |
| 2.1 | 1053 | 637 | 12 | 1.15 | 28 | 86 | 47.32 | 5.1 | 1.35 | | | | |
| 2.3 | 954 | 574 | 13 | 1.25 | 30 | 81 | 44.23 | 5.1 | 1.40 | | | | |
| 2.7 | 819 | 499 | 14 | 1.35 | 35 | 70 | 38.23 | 4.9 | 1.45 | | | | |
| 3.0 | 720 | 438 | 14 | 1.50 | 41 | 60 | 32.48 | 4.7 | 1.55 | | | | |
| 3.4 | 639 | 389 | 15 | 1.60 | 46 | 54 | 29.00 | 4.6 | 1.65 | | | | |
| 3.6 | 563 | 365 | 7.3 | 0.85 | 54 | 47 | 24.77 | 4.4 | 1.70 | | | | |
| 4.2 | 491 | 319 | 8.1 | 1.00 | 57 | 44 | 23.20 | 4.3 | 1.75 | | | | |
| 4.7 | 432 | 281 | 8.6 | 1.10 | 68 | 41 | 19.54 | 4.0 | 1.90 | | | | |
| 5.4 | 387 | 246 | 9.0 | 1.25 | 75 | 36 | 17.80 | 3.8 | 2.00 | | | | |
| 2.3 | 882 | 288.00 | 28 | 2.00 | QYS89 QYSF89 QYSA89 QYSAF89 | 8P | 88 | 33 | 15.12 | | | 3.8 | 2.10 |
| 2.6 | 801 | 258.18 | 28 | 2.10 | 21 | | 93 | 63.33 | 2.8 | 0.85 | | | |
| 3.0 | 698 | 222.40 | 28 | 2.25 | 26 | | 91 | 51.30 | 2.8 | 0.85 | | | |
| | | | | | 30 | | 78 | 43.68 | 2.8 | 0.95 | | | |
| | | | | | | | 35 | 68 | 37.66 | 2.8 | 1.00 | | |
| | | | | | | | 38 | 64 | 35.10 | 2.8 | 1.00 | | |

ZYS 系列斜齿轮-蜗轮蜗杆减速电机

选型参数表

(恒功率) 0.55kW-0.75kW

Selection Table

(Constant Power) 0.55kW-0.75kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|-------------------------|----------------|---|------------|
| 0.55kW | | | | | | | 0.75kW | | | | | | |
| 73 | 54 | 19.13 | 2.4 | 1.05 | ZYS39 ZYSF39 ZYSA39 ZYSAF39 | 4P | 8.6 | 527 | 161.60 | 15 | 1.75 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P |
| 74 | 53 | 18.85 | 2.4 | 1.05 | | | 9.4 | 491 | 148.15 | 15 | 1.80 | | |
| 84 | 48 | 16.48 | 2.2 | 1.10 | | | 11 | 432 | 130.00 | 15 | 1.90 | | |
| 90 | 45 | 15.45 | 2.1 | 1.10 | | | 11 | 414 | 123.20 | 15 | 1.95 | | |
| 102 | 40 | 13.63 | 2.1 | 1.15 | | | 13 | 365 | 107.83 | 15 | 2.05 | | |
| 115 | 36 | 12.08 | 2.1 | 1.20 | ZYS39 ZYSF39 ZYSA39 ZYSAF39 | 2P | 7.3 | 563 | 190.11 | 7.2 | 0.80 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P |
| 135 | 31 | 10.27 | 2.0 | 1.30 | | | 7.7 | 536 | 180.60 | 7.5 | 0.85 | | |
| 95 | 41 | 28.76 | 2.3 | 1.15 | | | 8.8 | 477 | 158.45 | 8.1 | 1.00 | | |
| 108 | 37 | 25.38 | 2.2 | 1.20 | | | 10 | 414 | 134.40 | 8.7 | 1.15 | | |
| 122 | 33 | 22.50 | 2.2 | 1.25 | | | 11 | 378 | 121.33 | 9.0 | 1.25 | | |
| 143 | 28 | 19.13 | 2.0 | 1.30 | | | 13 | 338 | 106.75 | 9.3 | 1.40 | | |
| 145 | 28 | 18.85 | 2.0 | 1.30 | | | 14 | 320 | 100.80 | 9.4 | 1.40 | | |
| 166 | 24 | 16.48 | 1.9 | 1.35 | | | 16 | 275 | 85.83 | 10 | 1.50 | | |
| 177 | 23 | 15.45 | 1.9 | 1.35 | | | 19 | 279 | 75.06 | 10 | 1.50 | | |
| 201 | 21 | 13.63 | 1.9 | 1.45 | | | 21 | 248 | 65.63 | 10 | 1.55 | | |
| 227 | 18 | 12.08 | 1.7 | 1.50 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 4P | 22 | 234 | 62.35 | 10 | 1.60 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 6P |
| 267 | 15 | 10.27 | 1.7 | 1.60 | | | 25 | 207 | 54.70 | 10 | 1.65 | | |
| 0.63 | 8406 | 2208 | 40 | 0.85 | | | 30 | 178 | 46.40 | 9.3 | 1.80 | | |
| 0.71 | 6628 | 1950 | 40 | 1.00 | | | 13 | 329 | 71.75 | 6.1 | 0.80 | | |
| 1.1 | 4419 | 1223 | 20 | 0.85 | ZYS99R59 ZYSF99R59 ZYSA99R59 ZYSAF99R59 | 4P | 14 | 311 | 67.20 | 6.3 | 0.85 | | |
| 1.3 | 3870 | 1070 | 29 | 1.00 | | | 16 | 284 | 56.61 | 6.8 | 1.00 | | |
| 1.5 | 3339 | 928 | 32 | 1.15 | | | 19 | 266 | 47.32 | 6.8 | 0.90 | | |
| 1.7 | 2943 | 824 | 33 | 1.30 | | | 21 | 248 | 44.23 | 6.9 | 1.00 | | |
| 1.9 | 2097 | 714 | 34 | 1.75 | | | 13 | 329 | 110.73 | 6.1 | 0.80 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 4P |
| 2.2 | 2232 | 626 | 34 | 1.70 | | | 15 | 284 | 94.08 | 6.6 | 0.95 | | |
| 2.6 | 1917 | 538 | 34 | 1.85 | | | 17 | 257 | 84.00 | 6.8 | 1.05 | | |
| 2.9 | 1737 | 484 | 34 | 1.95 | | | 19 | 225 | 71.75 | 7.1 | 1.15 | | |
| 1.3 | 2754 | 1032 | 18 | 0.90 | ZYS89R59 ZYSF89R59 ZYSA89R59 ZYSAF89R59 | 4P | 21 | 212 | 67.20 | 7.2 | 1.20 | | |
| 1.5 | 2538 | 930 | 25 | 1.00 | | | 25 | 203 | 54.59 | 7.3 | 1.25 | | |
| 1.7 | 2286 | 831 | 26 | 1.10 | | | 29 | 177 | 47.32 | 7.4 | 1.30 | | |
| 1.9 | 1998 | 719 | 27 | 1.25 | | | 31 | 167 | 44.23 | 7.5 | 1.35 | | |
| 2.2 | 1746 | 624 | 27 | 1.40 | | | 36 | 145 | 38.23 | 7.6 | 1.40 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 4P |
| 2.5 | 1575 | 558 | 27 | 1.45 | | | 43 | 124 | 32.48 | 7.3 | 1.50 | | |
| 3.2 | 1260 | 435 | 28 | 1.60 | | | 48 | 112 | 29.00 | 7.1 | 1.55 | | |
| 4.3 | 963 | 323 | 28 | 1.85 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 4P | 56 | 96 | 24.77 | 6.8 | 1.65 | | |
| 4.3 | 1125 | 327 | 11 | 1.05 | | | 60 | 90 | 23.20 | 6.7 | 1.70 | | |
| 4.8 | 1008 | 289 | 12 | 1.15 | | | 71 | 84 | 19.54 | 6.2 | 1.80 | | |
| 5.6 | 873 | 250 | 13 | 1.30 | | | 78 | 73 | 17.80 | 5.9 | 1.85 | | |
| 6.3 | 774 | 219 | 14 | 1.40 | | | 92 | 68 | 15.12 | 5.9 | 2.00 | | |
| 2.4 | 1836 | 286.40 | 34 | 1.90 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 8P | 103 | 59 | 13.50 | 5.6 | 2.05 | ZYS49 ZYSF49 ZYSA49 ZYSAF49 | 4P |
| 2.6 | 1701 | 262.22 | 34 | 1.95 | | | 29 | 175 | 47.32 | 4.3 | 0.80 | | |
| 3.0 | 1521 | 231.67 | 35 | 2.05 | | | 31 | 164 | 44.23 | 4.3 | 0.85 | | |
| 3.2 | 1386 | 288.00 | 28 | 1.60 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 6P | 36 | 143 | 38.23 | 4.2 | 1.00 | | |
| 3.5 | 1260 | 258.18 | 28 | 1.65 | | | 43 | 122 | 32.48 | 4.1 | 1.10 | | |
| 4.1 | 1098 | 222.40 | 28 | 1.80 | | | 48 | 110 | 29.00 | 4.0 | 1.15 | | |
| 4.5 | 1008 | 202.96 | 28 | 1.85 | | | 56 | 95 | 24.77 | 3.9 | 1.20 | | |
| 4.8 | 945 | 288.00 | 28 | 1.90 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 4P | 60 | 89 | 23.20 | 3.9 | 1.25 | | |
| 5.4 | 855 | 258.18 | 28 | 2.00 | | | 71 | 84 | 19.54 | 3.4 | 1.30 | | |
| 6.3 | 747 | 222.40 | 28 | 2.10 | | | 78 | 73 | 17.80 | 3.4 | 1.40 | | |
| 6.8 | 689 | 202.96 | 28 | 2.20 | | | 92 | 68 | 15.12 | 3.3 | 1.50 | | |
| 4.0 | 1044 | 225.26 | 12 | 1.10 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 6P | 103 | 59 | 13.50 | 3.2 | 1.55 | | |
| 4.3 | 999 | 214.00 | 12 | 1.15 | | | 121 | 50 | 11.53 | 3.1 | 1.65 | | |
| 4.8 | 891 | 189.09 | 13 | 1.30 | | | 129 | 45 | 10.80 | 3.1 | 1.70 | | |
| 5.6 | 774 | 161.60 | 14 | 1.45 | | | 153 | 39 | 9.10 | 3.0 | 1.80 | ZYS39Y ZYSF39 ZYSA39 ZYSAF39 | 4P |
| 5.4 | 801 | 256.47 | 14 | 1.45 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P | 73 | 73 | 19.13 | 2.2 | 0.85 | | |
| 6.2 | 711 | 225.26 | 14 | 1.55 | | | 102 | 52 | 13.63 | 1.9 | 0.85 | | |
| 6.5 | 680 | 214.00 | 14 | 1.60 | | | 115 | 47 | 12.08 | 1.8 | 0.95 | | |
| 7.4 | 608 | 189.09 | 15 | 1.65 | | | 135 | 40 | 10.27 | 1.8 | 1.00 | | |
| | | | | | | | 148 | 39 | 19.13 | 2.0 | 1.10 | ZYS39 ZYSF39 ZYSA39 ZYSAF39 | 2P |
| | | | | | | | 208 | 28 | 13.63 | 1.7 | 1.25 | | |
| | | | | | | | 234 | 24 | 12.08 | 1.7 | 1.30 | | |
| | | | | | | | 276 | 21 | 10.27 | 1.7 | 1.35 | | |

Selection Table

(恒功率) 1.1kW-1.5kW

(Constant Power) 1.1kW-1.5kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | | |
|------------------|---------------|--------|------------------|-------|--|------------|------------------|---------------|--------|------------------|-------|--|------------|------|--|
| 1.1kW | | | | | | | 1.1kW | | | | | | | | |
| 0.9 | 7529 | 1521 | 40 | 0.85 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 4P | 22 | 342 | 62.35 | 9.2 | 1.30 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P | | |
| 1.1 | 6571 | 1327 | 40 | 1.00 | | | 26 | 302 | 54.70 | 9.1 | 1.40 | | | | |
| | | | | | | | 30 | 257 | 46.40 | 8.8 | 1.45 | | | | |
| | | | | | | | 33 | 234 | 41.89 | 8.6 | 1.55 | | | | |
| 1.7 | 4203 | 824 | 22 | 0.95 | ZYS99R59 ZYSF99R59 ZYSA99R59 ZYSAF99R59 | 4P | 38 | 207 | 36.85 | 8.3 | 1.60 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P | | |
| 2.0 | 3069 | 714 | 33 | 1.35 | | | | 40 | 198 | 34.80 | 8.2 | | | 1.65 | |
| 2.2 | 3267 | 626 | 32 | 1.25 | | | | 47 | 168 | 29.63 | 7.9 | | | 1.75 | |
| 2.6 | 2808 | 538 | 33 | 1.45 | | | | 20 | 324 | 71.75 | 6.2 | | | 1.00 | |
| 2.9 | 2538 | 484 | 33 | 1.60 | ZYS89R59 ZYSF89R59 ZYSA89R59 ZYSAF89R59 | 4P | 21 | 306 | 67.20 | 6.4 | 1.00 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 4P | | |
| 3.3 | 2205 | 420 | 34 | 1.70 | | | | 25 | 282 | 56.61 | 6.8 | | | 1.05 | |
| 2.2 | 2556 | 624 | 24 | 0.95 | | | | 30 | 257 | 47.32 | 6.9 | | | 1.10 | |
| 2.5 | 2313 | 558 | 26 | 1.10 | | | | 32 | 239 | 44.23 | 7.0 | | | 1.10 | |
| 2.9 | 2034 | 485 | 27 | 1.35 | ZYS89R59 ZYSF89R59 ZYSA89R59 ZYSAF89R59 | 4P | 37 | 212 | 38.23 | 7.0 | 1.20 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 4P | | |
| 3.2 | 1854 | 435 | 27 | 1.35 | | | | 43 | 180 | 32.48 | 6.8 | | | 1.25 | |
| 3.7 | 1629 | 378 | 27 | 1.45 | | | | 48 | 161 | 29.00 | 6.7 | | | 1.30 | |
| 4.3 | 1413 | 323 | 28 | 1.60 | | | | 57 | 139 | 24.77 | 6.4 | | | 1.40 | |
| 5.0 | 1242 | 281 | 28 | 1.45 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 4P | 60 | 131 | 23.20 | 6.3 | 1.40 | ZYS49 ZYSF49 ZYSA49 ZYSAF49 | 4P | | |
| 5.5 | 1332 | 255 | 28 | 1.45 | | | | 72 | 111 | 19.54 | 6.1 | | | 1.50 | |
| 6.3 | 1170 | 222 | 28 | 1.55 | | | | 79 | 105 | 17.80 | 5.6 | | | 1.55 | |
| 6.8 | 1089 | 205 | 28 | 1.60 | | | | 93 | 99 | 15.12 | 5.5 | | | 1.65 | |
| 6.4 | 1125 | 219 | 11 | 1.05 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 4P | 104 | 86 | 13.50 | 5.3 | 1.70 | ZYS39 ZYSF39 ZYSA39 ZYSAF39 | 2P | | |
| | | | | | | | | 121 | 74 | 11.53 | 5.1 | | | 1.80 | |
| | | | | | | | | 130 | 66 | 10.80 | 5.0 | | | 1.85 | |
| | | | | | | | | 154 | 57 | 9.10 | 4.8 | | | 2.00 | |
| 2.5 | 2647 | 271.63 | 40 | 1.90 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 8P | 48 | 159 | 29.00 | 3.5 | 0.95 | ZYS49 ZYSF49 ZYSA49 ZYSAF49 | 4P | | |
| 3.0 | 2206 | 229.96 | 38 | 2.00 | | | | 57 | 138 | 24.77 | 3.5 | | | 1.00 | |
| 3.2 | 2068 | 212.81 | 37 | 2.10 | | | | 60 | 129 | 23.20 | 3.5 | | | 1.05 | |
| 3.6 | 1839 | 190.74 | 36 | 2.20 | | | | 72 | 110 | 19.54 | 3.4 | | | 1.10 | |
| 2.4 | 2772 | 286.40 | 33 | 1.40 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 8P | 79 | 105 | 17.80 | 2.9 | 1.15 | ZYS39 ZYSF39 ZYSA39 ZYSAF39 | 2P | | |
| 2.6 | 2556 | 262.22 | 33 | 1.50 | | | | 93 | 98 | 15.12 | 2.9 | | | 1.25 | |
| 3.0 | 2286 | 231.67 | 34 | 1.70 | | | | 104 | 86 | 13.50 | 2.9 | | | 1.30 | |
| 3.5 | 1971 | 196.52 | 34 | 1.80 | | | | 121 | 73 | 11.53 | 2.8 | | | 1.35 | |
| 3.2 | 2079 | 286.40 | 34 | 1.75 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 6P | 130 | 66 | 10.80 | 2.8 | 1.40 | ZYS49 ZYSF49 ZYSA49 ZYSAF49 | 4P | | |
| 3.5 | 1917 | 262.22 | 34 | 1.80 | | | | 154 | 57 | 9.10 | 2.7 | | | 1.45 | |
| 3.9 | 1710 | 231.67 | 34 | 1.90 | | | | 208 | 44 | 13.63 | 1.5 | | | 0.85 | |
| | | | | | | | | 234 | 36 | 12.08 | 1.5 | | | 0.90 | |
| 3.2 | 1998 | 288.00 | 27 | 1.10 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 6P | 276 | 31 | 10.27 | 1.5 | 1.00 | ZYS39 ZYSF39 ZYSA39 ZYSAF39 | 2P | | |
| 3.5 | 1809 | 258.18 | 27 | 1.20 | | | | | | | | | | | |
| 4.1 | 1584 | 222.40 | 27 | 1.35 | | | | | | | | | | | |
| 4.5 | 1458 | 202.96 | 28 | 1.45 | | | | | | | | | | | |
| 4.9 | 1368 | 288.00 | 28 | 1.55 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 4P | 1.2 | 7600 | 1126 | 40 | 0.85 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 4P | | |
| 5.4 | 1233 | 258.18 | 28 | 1.65 | | | | 1.4 | 6643 | 984 | 40 | | | 1.00 | |
| 6.3 | 1080 | 222.40 | 28 | 1.75 | | | | | | | | | | | |
| 6.9 | 990 | 202.96 | 28 | 1.80 | | | | | | | | | | | |
| 7.8 | 891 | 180.00 | 28 | 1.90 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 4P | 2.0 | 4176 | 714 | 28 | 0.90 | ZYS99R59 ZYSF99R59 ZYSA99R59 ZYSAF99R59 | 4P | | |
| 9.3 | 756 | 151.30 | 28 | 2.00 | | | | 2.2 | 4455 | 626 | 18 | | | 0.85 | |
| | | | | | | | | 2.6 | 3834 | 538 | 30 | | | 1.00 | |
| | | | | | | | | 2.9 | 3465 | 484 | 32 | | | 1.10 | |
| 6.2 | 1035 | 225.26 | 12 | 1.10 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P | 3.3 | 3015 | 420 | 33 | 1.25 | ZYS89R59 ZYSF89R59 ZYSA89R59 ZYSAF89R59 | 4P | | |
| 6.5 | 990 | 214.00 | 13 | 1.15 | | | | 3.7 | 2727 | 376 | 33 | | | 1.40 | |
| 7.4 | 882 | 189.09 | 13 | 1.35 | | | | 4.3 | 2394 | 327 | 34 | | | 1.65 | |
| 8.7 | 765 | 161.60 | 14 | 1.45 | | | | 2.9 | 2781 | 485 | 16 | | | 0.80 | |
| 9.4 | 707 | 148.15 | 14 | 1.50 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P | 3.2 | 2529 | 435 | 25 | 0.90 | ZYS89R59 ZYSF89R59 ZYSA89R59 ZYSAF89R59 | 4P | | |
| 11 | 599 | 123.20 | 15 | 1.60 | | | | 3.7 | 2223 | 378 | 26 | | | 1.00 | |
| 13 | 527 | 107.83 | 15 | 1.70 | | | | 4.3 | 1935 | 323 | 27 | | | 1.15 | |
| 14 | 482 | 97.14 | 15 | 1.75 | | | | 5.0 | 1701 | 281 | 27 | | | 1.10 | |
| 16 | 423 | 85.22 | 15 | 1.85 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P | 5.5 | 1818 | 255 | 27 | 1.25 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 8P | | |
| 12 | 545 | 121.33 | 7.4 | 0.85 | | | | 6.3 | 1593 | 222 | 27 | | | 1.35 | |
| 13 | 486 | 106.75 | 8.1 | 0.95 | | | | 6.8 | 1485 | 205 | 28 | | | 1.40 | |
| 14 | 464 | 100.80 | 8.3 | 1.00 | | | | 2.5 | 3610 | 271.63 | 40 | | | 1.60 | |
| 16 | 401 | 85.83 | 8.8 | 1.15 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P | 3.0 | 3008 | 229.96 | 38 | 1.70 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 8P | | |
| 18 | 365 | 78.00 | 9.1 | 1.30 | | | | 3.2 | 2820 | 212.81 | 37 | | | 1.75 | |
| 21 | 360 | 65.63 | 9.1 | 1.30 | | | | | | | | | | | |

选型参数表

(恒功率) 1.5kW-2.2kW

Selection Table

(Constant Power) 1.5kW-2.2kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--------------------------------------|--------------------------------------|---------------------------|------------------------|--------|--------------------------------------|----------------|--|------------|
| 1.5kW | | | | | | | 1.5kW | | | | | | |
| 3.5 | 2579 | 271.63 | 36 | 1.85 | ZYS109 | 6P | 43 | 243 | 32.48 | 6.3 | 0.90 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 4P |
| 4.1 | 2201 | 229.96 | 34 | 2.00 | ZYSF109 | | 48 | 221 | 29.00 | 6.2 | 1.00 | | |
| 4.4 | 2051 | 212.81 | 34 | 2.05 | ZYSA109 | | 57 | 189 | 24.77 | 6.0 | 1.15 | | |
| 4.9 | 1841 | 190.74 | 32 | 2.15 | ZYSAF109 | | 60 | 176 | 23.20 | 6.0 | 1.25 | | |
| 2.4 | 3627 | 286.40 | 31 | 1.05 | ZYS99 | 72 | 150 | 19.54 | 5.8 | 1.30 | | | |
| 2.6 | 3348 | 262.22 | 32 | 1.15 | ZYSF99 | 79 | 143 | 17.80 | 5.2 | 1.35 | | | |
| 2.9 | 2997 | 231.67 | 33 | 1.25 | ZYSA99 | 93 | 134 | 15.12 | 5.1 | 1.40 | | | |
| 3.5 | 2583 | 196.52 | 33 | 1.45 | ZYSAF99 | 104 | 116 | 13.50 | 5.0 | 1.45 | | | |
| 3.3 | 2835 | 286.40 | 33 | 1.35 | ZYS99 | 121 | 99 | 11.53 | 4.8 | 1.55 | | | |
| 3.6 | 2619 | 262.22 | 33 | 1.45 | ZYSF99 | 130 | 89 | 10.80 | 4.7 | 1.60 | | | |
| 4.1 | 2340 | 231.67 | 34 | 1.65 | ZYSA99 | 154 | 77 | 9.10 | 4.6 | 1.70 | | | |
| 4.8 | 2007 | 196.52 | 34 | 1.75 | ZYSAF99 | 104 | 117 | 13.50 | 2.5 | 0.85 | | ZYS49 ZYSF49 ZYSA49 ZYSAF49 | |
| 4.9 | 1917 | 286.40 | 34 | 1.80 | ZYS99 | 121 | 101 | 11.53 | 2.5 | 1.00 | | | |
| 5.3 | 1773 | 262.22 | 34 | 1.85 | ZYSF99 | 130 | 94 | 10.80 | 2.5 | 1.10 | | | |
| 6.0 | 1584 | 231.67 | 35 | 1.95 | ZYSA99 | 154 | 79 | 9.10 | 2.5 | 1.25 | | | |
| 7.1 | 1359 | 196.52 | 35 | 2.10 | ZYSAF99 | 2.2kW | | | | | | | |
| 3.6 | 2466 | 258.18 | 25 | 0.90 | ZYS89 | 2.1 | 6672 | 688 | 40 | 1.00 | ZYS109R79 | 4P | |
| 4.2 | 2151 | 222.40 | 26 | 1.00 | ZYSF89 | 2.4 | 5832 | 602 | 40 | 1.10 | ZYSF109R79 | | |
| 4.6 | 1980 | 202.96 | 27 | 1.10 | ZYSA89 | | 3.4 | 4455 | 420 | 18 | 0.90 | ZYS99R59 | 4P |
| 5.2 | 1782 | 180.00 | 27 | 1.20 | ZYSAF89 | | 3.8 | 4014 | 376 | 27 | 1.00 | ZYSF99R59 | |
| 4.9 | 1854 | 288.00 | 27 | 1.10 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | | 4.4 | 3519 | 327 | 32 | 1.20 | ZYSA99R59 | |
| 5.4 | 1674 | 258.18 | 27 | 1.20 | | 5.0 | 3114 | 287 | 33 | 1.35 | ZYSAF99R59 | | |
| 6.3 | 1467 | 222.40 | 28 | 1.40 | | 5.7 | 2727 | 252 | 33 | 1.50 | | | |
| 6.9 | 1350 | 202.96 | 28 | 1.55 | | 3.5 | 3782 | 271.63 | 35 | 1.50 | ZYS109 | 6P | |
| 7.8 | 1206 | 180.00 | 28 | 1.60 | | 4.1 | 3228 | 229.96 | 33 | 1.65 | ZYSA109 | | |
| 9.3 | 1026 | 151.30 | 28 | 1.75 | | 4.4 | 3008 | 212.81 | 33 | 1.70 | ZYSAF109 | | |
| 10 | 954 | 139.05 | 28 | 1.80 | | 4.9 | 2701 | 190.74 | 32 | 1.75 | ZYSF109 | | |
| 11 | 855 | 123.48 | 28 | 1.85 | | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 5.3 | 2498 | 271.63 | 31 | 1.80 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P |
| 13 | 765 | 110.40 | 28 | 1.95 | 6.2 | | 2135 | 229.96 | 30 | 1.95 | | | |
| 14 | 693 | 99.26 | 28 | 2.00 | 6.7 | | 2117 | 212.81 | 29 | 2.00 | | | |
| 7.4 | 1197 | 189.09 | 10 | 1.10 | 7.5 | | 1891 | 190.74 | 28 | 2.10 | | | |
| 8.7 | 1035 | 161.60 | 12 | 1.15 | 8.3 | | 1708 | 172.20 | 27 | 2.15 | | | |
| 9.4 | 954 | 148.15 | 13 | 1.30 | 9.1 | | 1558 | 156.41 | 26 | 2.20 | | | |
| 11 | 846 | 130.00 | 13 | 1.35 | 3.3 | | 4077 | 286.40 | 29 | 1.00 | ZYS99 | 6P | |
| 11 | 810 | 123.20 | 14 | 1.40 | 3.6 | | 3762 | 262.22 | 31 | 1.30 | ZYSF99 | | |
| 13 | 716 | 107.83 | 14 | 1.45 | 4.1 | | 3357 | 231.67 | 32 | 1.35 | ZYSA99 | | |
| 14 | 653 | 97.14 | 15 | 1.50 | 4.8 | | 2889 | 196.52 | 33 | 1.45 | ZYSAF99 | | |
| 16 | 576 | 85.22 | 15 | 1.60 | 5.0 | 2817 | 286.40 | 33 | 1.45 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 4P | | |
| 19 | 585 | 75.09 | 13 | 1.50 | 5.5 | 2601 | 262.22 | 33 | 1.55 | | | | |
| 20 | 558 | 71.33 | 13 | 1.55 | 6.2 | 2313 | 231.67 | 34 | 1.65 | | | | |
| 21 | 459 | 66.67 | 14 | 1.70 | 7.3 | 1989 | 196.52 | 34 | 1.75 | | | | |
| 22 | 495 | 63.03 | 13 | 1.65 | 7.9 | 1845 | 180.95 | 34 | 1.80 | | | | |
| 25 | 396 | 56.92 | 13 | 1.80 | 8.8 | 1656 | 161.74 | 34 | 1.85 | | | | |
| 26 | 423 | 53.87 | 13 | 1.75 | 9.8 | 1503 | 145.60 | 35 | 1.95 | | | | |
| 28 | 392 | 49.38 | 12 | 1.80 | 11 | 1368 | 131.85 | 35 | 2.05 | | | | |
| 32 | 347 | 43.33 | 12 | 1.90 | 12 | 1224 | 116.92 | 35 | 2.10 | | | | |
| 16 | 540 | 85.83 | 7.5 | 0.85 | 14 | 1116 | 105.71 | 35 | 2.20 | | | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 4P |
| 18 | 495 | 78.00 | 8.0 | 0.95 | 16 | 954 | 89.60 | 35 | 2.35 | | | | |
| 21 | 486 | 65.63 | 8.1 | 0.95 | 5.5 | 2457 | 258.18 | 25 | 1.00 | | | | |
| 22 | 464 | 62.35 | 8.3 | 0.95 | 6.4 | 2142 | 222.40 | 26 | 1.10 | | | | |
| 26 | 410 | 54.70 | 8.4 | 1.05 | 7.0 | 1971 | 202.96 | 27 | 1.25 | | | | |
| 30 | 351 | 46.40 | 8.2 | 1.25 | 7.9 | 1773 | 180.00 | 27 | 1.35 | | | | |
| 33 | 320 | 41.89 | 8.0 | 1.30 | 9.5 | 1512 | 151.30 | 27 | 1.45 | | | | |
| 38 | 279 | 36.85 | 7.8 | 1.40 | 10 | 1395 | 139.05 | 28 | 1.50 | | | | |
| 40 | 266 | 34.80 | 7.8 | 1.40 | 12 | 1251 | 123.48 | 28 | 1.55 | | | | |
| 47 | 230 | 29.63 | 7.5 | 1.50 | 13 | 1125 | 110.40 | 28 | 1.60 | | | | |
| 52 | 207 | 26.93 | 7.4 | 1.55 | 14 | 1017 | 99.26 | 28 | 1.70 | | | | |
| 58 | 198 | 24.00 | 6.7 | 1.60 | 17 | 891 | 86.15 | 28 | 1.75 | | | | |
| 65 | 189 | 21.67 | 6.6 | 1.70 | 17 | 954 | 81.76 | 28 | 1.65 | | | | |
| 73 | 166 | 19.06 | 6.5 | 1.75 | 19 | 801 | 77.14 | 28 | 1.80 | | | | |
| 78 | 158 | 18.00 | 6.3 | 1.80 | ZYS69 | 4P | | | | | | | |
| 91 | 135 | 15.33 | 6.1 | 1.90 | ZYSF69 | | | | | | | | |
| 101 | 124 | 13.93 | 5.9 | 1.95 | ZYSA69 | | | | | | | | |
| | | | | | ZYSAF69 | | | | | | | | |

选型参数表

(恒功率) 2.2kW-3kW

Selection Table

(Constant Power) 2.2kW-3kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | | | |
|------------------|---------------|--------|------------------|-------|--|------------|------------------|---------------|--------|------------------|-------|--------------------------------------|------------|--------------------------------------|----|--|
| 2.2kW | | | | | | | 3kW | | | | | | | | | |
| 20 | 828 | 70.43 | 28 | 1.75 | ZYS89 | 4P | 5.0 | 3861 | 286.40 | 31 | 1.05 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 4P | | | |
| 22 | 756 | 64.27 | 28 | 1.80 | ZYSF89 | | 5.5 | 3564 | 262.22 | 32 | 1.15 | | | | | |
| 25 | 675 | 57.00 | 28 | 1.90 | ZYSA89 | | 6.2 | 3177 | 231.67 | 32 | 1.30 | | | | | |
| | | | | | ZYSAF89 | | 7.3 | 2736 | 196.52 | 33 | 1.45 | | | | | |
| 11 | 1251 | 130.00 | 6 | 1.00 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P | 7.9 | 2529 | 180.95 | 33 | 1.55 | | | | | |
| 12 | 1188 | 123.20 | 11 | 1.05 | | | 8.8 | 2277 | 161.74 | 34 | 1.60 | | | | | |
| 13 | 1053 | 107.83 | 12 | 1.20 | | | 9.8 | 2070 | 145.60 | 34 | 1.65 | | | | | |
| 15 | 954 | 97.14 | 13 | 1.25 | | | 11 | 1881 | 131.85 | 34 | 1.75 | | | | | |
| 17 | 846 | 85.22 | 13 | 1.30 | | | 12 | 1683 | 116.92 | 34 | 1.80 | | | | | |
| 19 | 756 | 75.20 | 13 | 1.35 | | | 14 | 1530 | 105.71 | 35 | 1.90 | | | | | |
| 21 | 671 | 66.67 | 13 | 1.40 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P | 16 | 1305 | 89.60 | 35 | 2.00 | | | | | |
| 23 | 729 | 63.03 | 12 | 1.35 | | | 18 | 1323 | 80.85 | 35 | 2.00 | | | | | |
| 25 | 581 | 56.92 | 12 | 1.50 | | | 7.9 | 2430 | 180.00 | 26 | 1.00 | | | | | |
| 27 | 626 | 53.87 | 11 | 1.45 | | | 9.5 | 2070 | 151.30 | 27 | 1.15 | | | | | |
| 29 | 572 | 49.38 | 11 | 1.50 | | | 10 | 1917 | 139.05 | 27 | 1.25 | | | | | |
| 33 | 504 | 43.33 | 11 | 1.55 | | | 12 | 1710 | 123.48 | 27 | 1.30 | | | | | |
| 35 | 482 | 41.07 | 11 | 1.60 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P | 13 | 1548 | 110.40 | 27 | 1.40 | | | | | |
| 40 | 423 | 35.94 | 11 | 1.65 | | | 14 | 1395 | 99.26 | 28 | 1.45 | | | | | |
| 44 | 383 | 32.38 | 10 | 1.75 | | | 17 | 1224 | 86.15 | 28 | 1.50 | | | | | |
| 50 | 338 | 28.41 | 10 | 1.80 | | | 17 | 1314 | 81.76 | 28 | 1.40 | | | | | |
| 57 | 297 | 25.07 | 10 | 1.90 | | | 19 | 1107 | 77.14 | 28 | 1.55 | | | | | |
| 60 | 279 | 23.87 | 9.0 | 1.95 | | | 20 | 1134 | 70.43 | 28 | 1.50 | | | | | |
| 68 | 257 | 20.89 | 8.9 | 2.05 | | | 22 | 1044 | 64.27 | 28 | 1.55 | | | | | |
| | | | | | | | 25 | 927 | 57.00 | 28 | 1.65 | | | | | |
| 31 | 513 | 46.40 | 7.1 | 0.95 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P | 30 | 783 | 47.91 | 28 | 1.75 | | | | | |
| 34 | 464 | 41.89 | 7.1 | 1.05 | | | 32 | 720 | 44.03 | 28 | 1.80 | | | | | |
| 39 | 414 | 36.85 | 7.0 | 1.15 | | | 37 | 644 | 39.10 | 28 | 1.90 | | | | | |
| 41 | 392 | 34.80 | 7.0 | 1.20 | | | 41 | 576 | 34.96 | 28 | 1.95 | | | | | |
| 48 | 333 | 29.63 | 6.8 | 1.25 | | | 17 | 1161 | 85.22 | 11 | 1.05 | | | | | |
| 53 | 306 | 26.93 | 6.7 | 1.30 | | | 19 | 1035 | 75.20 | 12 | 1.15 | | | | | |
| 61 | 266 | 23.33 | 6.6 | 1.35 | | | 21 | 918 | 66.67 | 12 | 1.20 | | | | | |
| 66 | 243 | 21.67 | 5.8 | 1.40 | | | 23 | 999 | 63.03 | 10 | 1.15 | | | | | |
| 75 | 214 | 19.06 | 5.7 | 1.45 | | | 25 | 792 | 56.92 | 11 | 1.30 | | | | | |
| 79 | 208 | 18.00 | 5.7 | 1.50 | | | 27 | 855 | 53.87 | 10 | 1.25 | | | | | |
| 93 | 183 | 15.33 | 5.6 | 1.60 | | | 29 | 792 | 49.38 | 10 | 1.25 | | | | | |
| 103 | 165 | 13.93 | 5.5 | 1.65 | | | 33 | 693 | 43.33 | 10 | 1.35 | | | | | |
| 118 | 144 | 12.07 | 5.4 | 1.70 | | | 35 | 662 | 41.07 | 10 | 1.35 | | | | | |
| 136 | 125 | 10.50 | 5.3 | 1.80 | | | 40 | 581 | 35.94 | 10 | 1.45 | | | | | |
| 106 | 166 | 13.50 | 4.4 | 1.00 | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 4P | 44 | 527 | 32.38 | 10 | 1.50 | | | | | |
| 124 | 141 | 11.53 | 4.4 | 1.15 | | | 50 | 464 | 28.41 | 10 | 1.55 | | | | | |
| 132 | 131 | 10.80 | 4.3 | 1.20 | | | 57 | 410 | 25.07 | 9.3 | 1.65 | | | | | |
| 157 | 112 | 9.10 | 4.2 | 1.40 | | | 60 | 386 | 23.87 | 8.2 | 1.65 | | | | | |
| | | | | | | | 68 | 341 | 20.89 | 8.2 | 1.75 | | | | | |
| 3kW | | | | | | | 76 | 306 | 18.82 | 8.0 | 1.80 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P | | | |
| 2.6 | 7192 | 544 | 40 | 0.90 | ZYS109R79 | 87 | 266 | 16.51 | 8.0 | 1.90 | | | | | | |
| 3.0 | 6286 | 476 | 40 | 1.05 | ZYSF109R79 | 98 | 237 | 14.57 | 7.8 | 2.00 | | | | | | |
| 3.5 | 6349 | 409 | 40 | 1.05 | ZYSA109R79 | 111 | 209 | 12.92 | 7.7 | 2.10 | | | | | | |
| | | | | | ZYSAF109R79 | 130 | 179 | 11.03 | 7.5 | 2.20 | | | | | | |
| 5.0 | 4284 | 287 | 23 | 1.00 | ZYS99R59 | 4P | 41 | 536 | 34.80 | 6.0 | 0.85 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P | | | |
| 5.7 | 3762 | 252 | 31 | 1.10 | ZYSF99R59 | | 48 | 459 | 29.63 | 6.0 | 1.00 | | | | | |
| 6.5 | 3285 | 219 | 32 | 1.30 | ZYSA99R59 | | 53 | 419 | 26.93 | 6.0 | 1.10 | | | | | |
| 7.0 | 3096 | 205 | 33 | 1.35 | ZYSAF99R59 | | 61 | 365 | 23.33 | 6.0 | 1.15 | | | | | |
| | | | | | | | 66 | 344 | 21.67 | 5.2 | 1.20 | | | | | |
| 3.5 | 4788 | 271.63 | 33 | 1.30 | ZYS109 | 6P | 75 | 302 | 19.06 | 5.0 | 1.25 | | | ZYS59 ZYSF59 ZYSA59 ZYSAF59 | 4P | |
| 4.2 | 3990 | 229.96 | 32 | 1.40 | ZYSF109 | | 79 | 287 | 18.00 | 5.0 | 1.30 | | | | | |
| 4.5 | 3724 | 212.81 | 31 | 1.45 | ZYSA109 | | 93 | 244 | 15.33 | 5.0 | 1.35 | | | | | |
| 5.0 | 3352 | 190.74 | 30 | 1.50 | ZYSAF109 | | 103 | 221 | 13.93 | 4.9 | 1.40 | | | | | |
| | | | | | | | 118 | 196 | 12.07 | 4.9 | 1.50 | | | | | |
| 5.3 | 3406 | 271.63 | 30 | 1.55 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P | 136 | 170 | 10.50 | 4.8 | 1.55 | | | | | |
| 6.2 | 2912 | 229.96 | 29 | 1.65 | | | | | | | | | | | | |
| 6.7 | 2694 | 212.81 | 28 | 1.70 | | | | | | | | | | | | |
| 7.5 | 2407 | 190.74 | 27 | 1.75 | | | | | | | | | | | | |
| 8.3 | 2174 | 172.20 | 26 | 1.85 | | | | | | | | | | | | |
| 9.1 | 1984 | 156.41 | 26 | 1.90 | | | | | | | | | | | | |
| | | | | | | | 132 | 179 | 10.80 | 3.8 | 0.90 | | | | | |
| | | | | | | | 157 | 154 | 9.10 | 3.8 | 1.00 | | | | | |

选型参数表

(恒功率) 4kW-5.5kW

Selection Table

(Constant Power) 4kW-5.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 4kW | | | | | | |
| 6.6 | 4320 | 219 | 21 | 0.95 | ZYS99R59 | 4P |
| 7.0 | 4043 | 205 | 26 | 1.05 | ZYSF99R59 | |
| | | | | | ZYSA99R59 | |
| | | | | | ZYSAF99R59 | |
| 3.5 | 6728 | 271.63 | 31 | 1.00 | ZYS109 | 6P |
| 4.2 | 5729 | 229.96 | 30 | 1.15 | ZYSF109 | |
| 4.5 | 5315 | 212.81 | 30 | 1.20 | ZYSA109 | |
| 5.0 | 4809 | 190.74 | 29 | 1.30 | ZYSAF109 | |
| 5.3 | 4592 | 271.63 | 29 | 1.35 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P |
| 6.3 | 3981 | 229.96 | 28 | 1.45 | | |
| 6.8 | 3729 | 212.81 | 27 | 1.50 | | |
| 7.5 | 3384 | 190.74 | 26 | 1.55 | | |
| 8.4 | 3093 | 172.20 | 26 | 1.60 | | |
| 9.2 | 2845 | 156.41 | 25 | 1.65 | | |
| 10 | 2557 | 138.77 | 24 | 1.75 | | |
| 11 | 2350 | 125.93 | 23 | 1.80 | | |
| 13 | 2058 | 108.24 | 22 | 1.90 | | |
| 15 | 1783 | 94.48 | 21 | 2.00 | | |
| 18 | 1710 | 80.13 | 21 | 2.10 | | |
| 21 | 1552 | 70.04 | 20 | 2.20 | | |
| 22 | 1409 | 65.10 | 19 | 2.25 | | |
| 6.2 | 4185 | 231.67 | 27 | 1.00 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 4P |
| 7.3 | 3591 | 196.52 | 32 | 1.10 | | |
| 8.0 | 3300 | 180.95 | 32 | 1.20 | | |
| 8.9 | 2971 | 161.74 | 33 | 1.35 | | |
| 9.9 | 2718 | 145.60 | 33 | 1.45 | | |
| 11 | 2475 | 131.85 | 34 | 1.50 | | |
| 12 | 2214 | 116.92 | 34 | 1.60 | | |
| 14 | 2007 | 105.71 | 34 | 1.65 | | |
| 16 | 1719 | 89.60 | 34 | 1.75 | | |
| 18 | 1746 | 80.85 | 34 | 1.75 | | |
| 20 | 1548 | 71.43 | 35 | 1.85 | | |
| 24 | 1323 | 60.59 | 35 | 1.95 | | |
| 26 | 1215 | 55.79 | 35 | 2.00 | | |
| 12 | 2259 | 123.48 | 26 | 0.95 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 4P |
| 13 | 2034 | 110.40 | 27 | 1.00 | | |
| 15 | 1836 | 99.26 | 27 | 1.10 | | |
| 17 | 1611 | 86.15 | 27 | 1.20 | | |
| 19 | 1449 | 77.14 | 28 | 1.25 | | |
| 20 | 1494 | 70.43 | 27 | 1.05 | | |
| 22 | 1368 | 64.27 | 28 | 1.14 | | |
| 25 | 1215 | 57.00 | 28 | 1.30 | | |
| 30 | 1035 | 47.91 | 28 | 1.50 | | |
| 33 | 954 | 44.03 | 28 | 1.55 | | |
| 37 | 846 | 39.10 | 28 | 1.65 | | |
| 41 | 756 | 34.96 | 28 | 1.70 | | |
| 46 | 684 | 31.43 | 28 | 1.80 | | |
| 53 | 599 | 27.28 | 27 | 1.85 | | |
| 60 | 572 | 23.92 | 25 | 1.95 | | |
| 25 | 1044 | 56.92 | 10 | 0.90 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P |
| 27 | 1125 | 53.87 | 8.8 | 0.95 | | |
| 29 | 1035 | 49.38 | 8.9 | 1.05 | | |
| 33 | 918 | 43.33 | 8.9 | 1.15 | | |
| 35 | 864 | 41.07 | 8.9 | 1.20 | | |
| 40 | 765 | 35.94 | 8.9 | 1.25 | | |
| 44 | 689 | 32.38 | 8.8 | 1.30 | | |
| 51 | 608 | 28.41 | 8.7 | 1.35 | | |
| 57 | 540 | 25.07 | 8.6 | 1.40 | | |
| 60 | 504 | 23.87 | 7.3 | 1.30 | ZYS79 | 4P |
| 69 | 438 | 20.89 | 7.3 | 1.55 | ZYSF79 | |
| 77 | 392 | 18.82 | 7.2 | 1.60 | ZYSA79 | |
| 87 | 347 | 16.51 | 7.2 | 1.65 | ZYSAF79 | |
| 5.5kW | | | | | | |
| 99 | 306 | 14.57 | 7.1 | 1.75 | ZYS79 | 4P |
| 111 | 273 | 12.92 | 7.0 | 1.85 | ZYSF79 | |
| 131 | 231 | 11.03 | 6.8 | 2.00 | ZYSA79 | |
| | | | | | ZYSAF79 | |
| 80 | 378 | 18.00 | 3.6 | 0.80 | ZYS69 | 4P |
| 94 | 322 | 15.33 | 4.0 | 0.95 | ZYSF69 | |
| 103 | 293 | 13.93 | 4.3 | 1.05 | ZYSA69 | |
| 119 | 254 | 12.07 | 4.3 | 1.20 | ZYSAF69 | |
| 137 | 221 | 10.50 | 4.3 | 1.35 | ZYSAF69 | |
| 5.3 | 6314 | 271.63 | 27 | 1.00 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P |
| 6.3 | 5474 | 229.96 | 26 | 1.20 | | |
| 6.8 | 5128 | 212.81 | 26 | 1.25 | | |
| 7.5 | 4653 | 190.74 | 25 | 1.30 | | |
| 8.4 | 4253 | 172.20 | 24 | 1.35 | | |
| 9.2 | 3912 | 156.41 | 24 | 1.40 | | |
| 10 | 3515 | 138.77 | 23 | 1.45 | | |
| 11 | 3231 | 125.93 | 23 | 1.55 | | |
| 13 | 2833 | 108.24 | 22 | 1.60 | | |
| 15 | 2424 | 94.48 | 21 | 1.70 | | |
| 18 | 2352 | 80.13 | 20 | 1.80 | | |
| 21 | 2133 | 70.04 | 20 | 1.85 | | |
| 22 | 1937 | 65.10 | 19 | 1.90 | | |
| 24 | 1766 | 59.13 | 18 | 2.00 | | |
| 27 | 1583 | 52.46 | 18 | 2.10 | | |
| 30 | 1447 | 47.61 | 17 | 2.15 | | |
| 35 | 1262 | 40.92 | 17 | 2.30 | | |
| 8.9 | 4095 | 161.74 | 28 | 0.95 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 4P |
| 9.9 | 3717 | 145.60 | 31 | 1.00 | | |
| 11 | 3384 | 131.85 | 32 | 1.10 | | |
| 12 | 3024 | 116.92 | 33 | 1.15 | | |
| 14 | 2745 | 105.71 | 33 | 1.25 | | |
| 16 | 2349 | 89.60 | 34 | 1.35 | | |
| 18 | 2061 | 78.26 | 34 | 1.45 | | |
| 20 | 2115 | 71.43 | 34 | 1.55 | | |
| 22 | 1737 | 65.45 | 34 | 1.65 | | |
| 24 | 1800 | 60.59 | 34 | 1.65 | | |
| 26 | 1665 | 55.79 | 34 | 1.70 | | |
| 29 | 1494 | 49.87 | 35 | 1.80 | | |
| 32 | 1350 | 44.89 | 35 | 1.85 | | |
| 35 | 1224 | 40.65 | 35 | 1.95 | | |
| 19 | 1980 | 77.14 | 27 | 0.90 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 4P |
| 23 | 1665 | 64.00 | 27 | 0.95 | | |
| 25 | 1665 | 57.00 | 27 | 0.95 | | |
| 30 | 1404 | 47.91 | 28 | 1.10 | | |
| 33 | 1296 | 44.03 | 28 | 1.20 | | |
| 37 | 1152 | 39.10 | 28 | 1.35 | | |
| 41 | 1035 | 34.96 | 27 | 1.50 | | |
| 46 | 936 | 31.43 | 27 | 1.55 | | |
| 53 | 819 | 27.28 | 26 | 1.60 | | |
| 60 | 693 | 23.92 | 24 | 1.70 | | |
| 67 | 621 | 21.39 | 23 | 1.75 | | |
| 75 | 555 | 19.23 | 23 | 1.80 | | |
| 86 | 484 | 16.69 | 22 | 1.90 | | |
| 96 | 433 | 14.95 | 22 | 2.00 | | |
| 116 | 359 | 12.40 | 21 | 2.10 | | |
| 134 | 310 | 10.78 | 20 | 2.25 | | |
| 35 | 1188 | 41.07 | 7.2 | 0.90 | ZYS79 | 4P |
| 40 | 1044 | 35.94 | 7.4 | 1.05 | ZYSF79 | |
| 44 | 945 | 32.38 | 7.5 | 1.10 | ZYSA79 | |
| 51 | 828 | 28.41 | 7.5 | 1.15 | ZYSAF79 | |

选型参数表

(恒功率) 5.5kW-15kW

Selection Table

(Constant Power) 5.5kW-15kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|--|----------------|--|------------|----|
| 5.5kW | | | | | | | 7.5kW | | | | | | | |
| 57 | 738 | 25.07 | 7.5 | 1.20 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P | 51 | 1134 | 28.41 | 5.9 | 0.90 | ZYS79 ZYSF79 ZYSA79 ZYSAF79 | 4P | |
| 60 | 670 | 23.87 | 7.5 | 1.25 | | | 57 | 999 | 25.07 | 6.1 | 1.00 | | | |
| 69 | 582 | 20.89 | 7.5 | 1.30 | | | 60 | 913 | 23.87 | 6.2 | 0.80 | | | |
| 77 | 522 | 18.82 | 5.6 | 1.35 | | | 69 | 794 | 20.89 | 6.3 | 0.80 | | | |
| 87 | 462 | 16.51 | 5.9 | 1.40 | | | 77 | 712 | 18.82 | 1.8 | 0.90 | | | |
| 99 | 406 | 14.57 | 6.2 | 1.50 | | | 87 | 630 | 16.51 | 2.2 | 1.00 | | | |
| 111 | 362 | 12.92 | 6.2 | 1.55 | | | 99 | 553 | 14.57 | 3.1 | 1.15 | | | |
| 131 | 307 | 11.03 | 6.1 | 1.65 | | | 111 | 494 | 12.92 | 3.7 | 1.25 | | | |
| | | | | | | | 131 | 418 | 11.03 | 4.9 | 1.40 | | | |
| 119 | 348 | 12.07 | 2.8 | 0.90 | ZYS69 ZYSF69 ZYSA69 ZYSAF69 | 4P | 11kW | | | | | | | |
| 137 | 302 | 10.50 | 2.8 | 1.00 | | | | | | | | | | |
| 7.5kW | | | | | | | | | | | | | | |
| 6.3 | 7465 | 229.96 | 24 | 0.85 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P | 9.3 | 7717 | 156.41 | 20 | 0.85 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P | |
| 6.8 | 6993 | 212.81 | 24 | 0.90 | | | 11 | 6934 | 138.77 | 20 | 0.95 | | | |
| 7.5 | 6345 | 190.74 | 23 | 1.00 | | | 12 | 6374 | 125.93 | 19 | 1.00 | | | |
| 8.4 | 5800 | 172.20 | 23 | 1.10 | | | 13 | 5588 | 108.24 | 19 | 1.15 | | | |
| 9.2 | 5335 | 156.41 | 22 | 1.20 | | | 15 | 4782 | 94.48 | 18 | 1.25 | | | |
| 10 | 4794 | 138.77 | 22 | 1.25 | | | 18 | 4136 | 80.13 | 18 | 1.30 | | | |
| 11 | 4407 | 125.93 | 21 | 1.30 | | | 21 | 4209 | 70.04 | 17 | 1.30 | | | |
| 13 | 3863 | 108.24 | 21 | 1.40 | | | 22 | 3821 | 65.10 | 17 | 1.40 | | | |
| 15 | 3306 | 94.48 | 20 | 1.50 | | | 25 | 3483 | 59.13 | 17 | 1.45 | | | |
| 18 | 3207 | 80.13 | 19 | 1.55 | | | 28 | 3123 | 52.46 | 16 | 1.50 | | | |
| 21 | 2909 | 70.04 | 19 | 1.60 | | | 31 | 2855 | 47.61 | 16 | 1.55 | | | |
| 22 | 2641 | 65.10 | 18 | 1.65 | | | 36 | 2490 | 40.92 | 15 | 1.65 | | | |
| 24 | 2408 | 59.13 | 18 | 1.70 | | | 41 | 2174 | 35.72 | 15 | 1.70 | | | |
| 27 | 2159 | 52.46 | 17 | 1.80 | | | 48 | 1857 | 30.29 | 14 | 1.80 | | | |
| 30 | 1974 | 47.61 | 17 | 1.85 | | | 55 | 1647 | 26.48 | 14 | 1.90 | | | |
| 35 | 1721 | 40.92 | 16 | 1.95 | | | 65 | 1393 | 22.39 | 13 | 2.00 | | | |
| 40 | 1503 | 35.72 | 15 | 2.00 | | | | | | | | | | |
| 48 | 1284 | 30.29 | 15 | 2.20 | | | | | | | | | | |
| 14 | 3744 | 105.71 | 31 | 0.90 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 4P | 26 | 3303 | 55.79 | 32 | 1.00 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 4P | |
| 16 | 3204 | 89.60 | 32 | 1.00 | | | 29 | 2961 | 49.87 | 33 | 1.10 | | | |
| 18 | 2817 | 78.26 | 33 | 1.10 | | | 33 | 2673 | 44.89 | 33 | 1.20 | | | |
| 20 | 2880 | 71.43 | 33 | 1.15 | | | 36 | 2430 | 40.65 | 33 | 1.35 | | | |
| 22 | 2367 | 65.45 | 34 | 1.20 | | | 40 | 2160 | 36.05 | 32 | 1.45 | | | |
| 24 | 2457 | 60.59 | 34 | 1.35 | | | 45 | 1953 | 32.60 | 32 | 1.50 | | | |
| 26 | 2268 | 55.79 | 34 | 1.45 | | | 53 | 1641 | 27.63 | 28 | 1.60 | | | |
| 29 | 2034 | 49.87 | 34 | 1.55 | | | 64 | 1330 | 22.65 | 28 | 1.80 | | | |
| 32 | 1836 | 44.89 | 34 | 1.60 | 71 | 1198 | 20.48 | 27 | 1.85 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 4P | | | |
| 35 | 1665 | 40.65 | 34 | 1.65 | 84 | 1013 | 17.36 | 26 | 2.00 | | | | | |
| 40 | 1485 | 36.05 | 34 | 1.75 | 96 | 886 | 15.16 | 26 | 2.05 | | | | | |
| 44 | 1341 | 32.60 | 34 | 1.80 | 115 | 740 | 12.68 | 25 | 2.20 | | | | | |
| 52 | 1054 | 27.63 | 30 | 1.90 | 133 | 640 | 10.98 | 24 | 2.35 | | | | | |
| 64 | 856 | 22.65 | 30 | 2.15 | 54 | 1620 | 27.28 | 23 | 0.95 | | | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P | |
| 70 | 783 | 20.48 | 29 | 2.25 | 60 | 1449 | 24.43 | 22 | 1.05 | | | | | |
| 83 | 660 | 17.36 | 29 | 2.40 | 72 | 1206 | 20.27 | 22 | 1.25 | | | | | |
| 33 | 1773 | 44.03 | 26 | 0.90 | 76 | 1120 | 19.23 | 19 | 1.30 | | | | | |
| 37 | 1575 | 39.10 | 26 | 1.00 | 87 | 978 | 16.69 | 19 | 1.35 | | | | | |
| 41 | 1413 | 34.96 | 26 | 1.10 | 98 | 868 | 14.95 | 19 | 1.45 | | | | | |
| 46 | 1278 | 31.43 | 25 | 1.20 | 118 | 721 | 12.40 | 18 | 1.55 | | | | | |
| 53 | 1107 | 27.28 | 25 | 1.40 | 135 | 630 | 10.78 | 18 | 1.60 | | | | | |
| 60 | 913 | 23.92 | 22 | 1.45 | 15kW | | | | | | | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P | |
| 67 | 818 | 21.39 | 22 | 1.50 | | | | | | | | | | 13 |
| 75 | 731 | 19.23 | 22 | 1.60 | 15 | 6878 | 94.48 | 16 | 0.95 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P | | | |
| 86 | 637 | 16.69 | 21 | 1.65 | 18 | 5833 | 80.13 | 16 | 1.10 | | | | | |
| 96 | 571 | 14.95 | 21 | 1.75 | 21 | 5739 | 70.04 | 16 | 1.15 | | | | | |
| 116 | 472 | 12.40 | 20 | 1.85 | 22 | 5210 | 65.10 | 16 | 1.20 | | | | | |
| 134 | 409 | 10.78 | 19 | 1.95 | 25 | 4749 | 59.13 | 16 | 1.20 | | | | | |
| | | | | | 28 | 4259 | 52.46 | 15 | 1.30 | | | | | |
| | | | | | 31 | 3893 | 47.61 | 15 | 1.30 | | | | | |
| | | | | | 36 | 3395 | 40.92 | 15 | 1.40 | | | | | |
| | | | | | 41 | 2964 | 35.72 | 14 | 1.45 | | | | | |
| | | | | | 48 | 2532 | 30.29 | 14 | 1.55 | | | | | |
| | | | | | 55 | 2247 | 26.48 | 13 | 1.65 | | | | | |
| | | | | | 65 | 1899 | 22.39 | 13 | 1.75 | | | | | |

选型参数表

(恒功率) 15kW-30kW

Selection Table

(Constant Power) 15kW-30kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | | |
|------------------|---------------|-------|------------------|-------|--|------------|------------------|---------------|-------|------------------|-------|--|------------|--|--|
| 15kW | | | | | | | 22kW | | | | | | | | |
| 33 | 3600 | 44.89 | 30 | 0.90 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 4P | 23 | 7590 | 65.10 | 14 | 0.85 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P | | |
| 36 | 3267 | 40.65 | 30 | 1.00 | | | 25 | 6919 | 59.13 | 14 | 0.95 | | | | |
| 40 | 2907 | 36.05 | 29 | 1.10 | | | 28 | 6204 | 52.46 | 14 | 1.00 | | | | |
| 45 | 2579 | 32.60 | 29 | 1.15 | | | 31 | 5671 | 47.61 | 13 | 1.10 | | | | |
| 53 | 2189 | 27.63 | 25 | 1.35 | | | 36 | 4946 | 40.92 | 13 | 1.15 | | | | |
| 64 | 1813 | 22.65 | 25 | 1.55 | | | 41 | 4317 | 35.72 | 13 | 1.20 | | | | |
| 71 | 1634 | 20.48 | 25 | 1.60 | | | 49 | 3688 | 30.29 | 13 | 1.30 | | | | |
| 84 | 1381 | 17.36 | 24 | 1.70 | | | 56 | 3272 | 26.48 | 12 | 1.35 | | | | |
| 96 | 1209 | 15.16 | 24 | 1.75 | | | 66 | 2767 | 22.39 | 12 | 1.45 | | | | |
| 115 | 1009 | 12.68 | 24 | 1.90 | | | | | | | | | | | |
| 133 | 872 | 10.98 | 23 | 2.00 | | | | | | | | | | | |
| 98 | 1184 | 14.95 | 17 | 0.95 | ZYS89 ZYSF89 ZYSA89 ZYSAF89 | 4P | 53 | 3267 | 27.63 | 25 | 0.90 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 4P | | |
| 118 | 983 | 12.40 | 17 | 1.15 | | | 65 | 2664 | 22.65 | 25 | 0.90 | | | | |
| 135 | 860 | 10.78 | 17 | 1.30 | | | 72 | 2405 | 20.48 | 19 | 1.00 | | | | |
| | | | | | | | 85 | 2037 | 17.36 | 21 | 1.15 | | | | |
| | | | | | | | 97 | 1785 | 15.16 | 21 | 1.30 | | | | |
| | | | | | | | 116 | 1493 | 12.68 | 21 | 1.50 | | | | |
| | | | | | | | 134 | 1292 | 10.98 | 21 | 1.65 | | | | |
| 18.5kW | | | | | | | 30kW | | | | | | | | |
| 16 | 8425 | 94.48 | 15 | 0.80 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P | 31 | 7734 | 47.61 | 12 | 0.85 | ZYS109 ZYSF109 ZYSA109 ZYSAF109 | 4P | | |
| 18 | 7145 | 80.13 | 15 | 0.90 | | | 36 | 6745 | 40.92 | 12 | 0.95 | | | | |
| 21 | 6991 | 70.04 | 15 | 0.90 | | | 41 | 5887 | 35.72 | 12 | 1.05 | | | | |
| 23 | 6383 | 65.10 | 15 | 1.00 | | | 49 | 5029 | 30.29 | 11 | 1.10 | | | | |
| 25 | 5818 | 59.13 | 15 | 1.10 | | | 56 | 4462 | 26.48 | 11 | 1.15 | | | | |
| 28 | 5217 | 52.46 | 14 | 1.15 | | | 66 | 3773 | 22.39 | 11 | 1.20 | | | | |
| 31 | 4769 | 47.61 | 14 | 1.20 | | | | | | | | | | | |
| 36 | 4159 | 40.92 | 14 | 1.25 | | | | | | | | | | | |
| 41 | 3631 | 35.72 | 13 | 1.35 | | | | | | | | | | | |
| 49 | 3101 | 30.29 | 13 | 1.40 | | | | | | | | | | | |
| 56 | 2752 | 26.48 | 13 | 1.50 | | | | | | | | | | | |
| 66 | 2327 | 22.39 | 12 | 1.55 | | | | | | | | | | | |
| 41 | 3573 | 36.05 | 27 | 0.90 | ZYS99 ZYSF99 ZYSA99 ZYSAF99 | 4P | | | | | | | | | |
| 45 | 3231 | 32.60 | 27 | 0.95 | | | | | | | | | | | |
| 53 | 2754 | 27.63 | 27 | 1.05 | | | | | | | | | | | |
| 65 | 2246 | 22.65 | 27 | 1.20 | | | | | | | | | | | |
| 72 | 2027 | 20.48 | 23 | 1.20 | | | | | | | | | | | |
| 85 | 1717 | 17.36 | 23 | 1.40 | | | | | | | | | | | |
| 97 | 1505 | 15.16 | 23 | 1.60 | | | | | | | | | | | |
| 116 | 1258 | 12.68 | 22 | 1.70 | | | | | | | | | | | |
| 134 | 1089 | 10.98 | 22 | 1.80 | | | | | | | | | | | |

选型参数表

(恒转矩) 87Nm-300Nm

Selection Table

(Constant Torque) 87Nm-300Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---------------------------|---------------------------|-------|-------------------------|--|--------------|--|--|--|-------------------------|--|--------------|
| 87 | 0.13 | 10037 | 2.8 | ZYS39R19 ZYSF39R19 ZYSA39R19 ZYSAF39R19 | 0.12 | 170 | 1.4 | 965 | 5.0 | ZYS49R19 ZYSF49R19 ZYSA49R19 ZYSAF49R19 | 0.12 |
| | 0.15 | 8654 | 2.8 | | | | 1.5 | 865 | 5.0 | | |
| | 0.16 | 8066 | 2.8 | | | | 1.7 | 750 | 5.0 | | |
| | 0.19 | 7051 | 2.8 | | | | 2.0 | 655 | 5.0 | | |
| | 0.22 | 6079 | 2.8 | | | | 2.3 | 574 | 5.0 | | |
| | 0.24 | 5431 | 2.8 | | | | 2.6 | 506 | 5.0 | | |
| | 0.28 | 4747 | 2.8 | | | | 3.0 | 438 | 5.0 | | |
| | 0.32 | 4155 | 2.8 | | | | 3.4 | 388 | 4.9 | ZYS49R19 ZYSF49R19 ZYSA49R19 ZYSAF49R19 | 0.18 |
| | 0.36 | 3632 | 2.8 | | | | 3.9 | 336 | 4.9 | | |
| | 0.46 | 2866 | 2.8 | | | | 4.5 | 294 | 4.9 | | |
| | 0.53 | 2471 | 2.8 | | | | 5.2 | 257 | 4.9 | | |
| | 0.61 | 2160 | 2.8 | | | | 5.8 | 229 | 4.9 | | |
| | 0.69 | 1887 | 2.8 | | | | 6.7 | 200 | 4.9 | | |
| | 0.79 | 1665 | 2.8 | | | | 7.1 | 187 | 4.9 | | |
| | 0.9 | 1456 | 2.8 | | | | 8.1 | 165 | 4.9 | | |
| | 1 | 1271 | 2.8 | ZYS49R19 ZYSF49R19 ZYSA49R19 ZYSAF49R19 | 0.37 | | | | | | |
| | 1.2 | 1121 | 2.8 | | | | 9.0 | 148 | 4.9 | | |
| | 1.3 | 994 | 2.8 | | | | 10 | 131 | 4.9 | | |
| | 1.5 | 869 | 2.8 | | | | | | | | |
| | 1.7 | 774 | 2.8 | | | | | | | | |
| | 2 | 666 | 2.8 | ZYS39R19 ZYSF39R19 ZYSA39R19 ZYSAF39R19 | 0.12 | 300 | 0.10 | 12909 | 6.7 | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 0.12 |
| | 2.2 | 596 | 2.8 | | | | 0.12 | 11189 | 6.7 | | |
| | 2.5 | 521 | 2.8 | | | | 0.13 | 10374 | 6.7 | | |
| | 2.9 | 456 | 2.8 | | | | 0.15 | 8992 | 6.7 | | |
| | 3.3 | 398 | 2.8 | | | | 0.17 | 7860 | 6.7 | | |
| | 3.7 | 351 | 2.8 | | | | 0.19 | 6887 | 6.7 | | |
| | 4.3 | 303 | 2.8 | | | | 0.22 | 6055 | 6.7 | | |
| | 4.9 | 265 | 2.8 | | | | 0.25 | 5292 | 6.7 | | |
| | 5.6 | 232 | 2.8 | | | | 0.28 | 4637 | 6.7 | | |
| | 6.5 | 202 | 2.8 | | | | 0.32 | 4092 | 6.7 | | |
| | 7.3 | 179 | 2.8 | 0.36 | 3628 | | 6.7 | | | | |
| | 8.3 | 158 | 2.8 | 0.42 | 3131 | | 6.7 | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 0.12 | | |
| | 9.1 | 144 | 2.8 | 0.48 | 2714 | | 6.7 | | | | |
| | 11 | 118 | 2.8 | 0.54 | 2412 | | 6.7 | | | | |
| | | | | 0.61 | 2131 | | 6.7 | | | | |
| | | | | 0.70 | 1863 | | 6.7 | | | | |
| | | | | 0.79 | 1663 | | 6.7 | | | | |
| | | | | 0.91 | 1435 | | 6.7 | | | | |
| | | | | 1.0 | 1254 | | 6.7 | | | | |
| | | | | 1.2 | 1083 | | 6.7 | | | | |
| | | | 1.4 | 965 | 6.7 | | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 0.12 | | | |
| | | | 1.5 | 865 | 6.7 | | | | | | |
| | | | 1.7 | 750 | 6.7 | | | | | | |
| | | | 2.0 | 655 | 6.7 | | | | | | |
| | | | 2.3 | 574 | 6.7 | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 0.18 | | | | |
| | | | 2.6 | 506 | 6.7 | | | | | | |
| | | | 3.0 | 438 | 6.7 | | | | | | |
| | | | 3.4 | 388 | 6.7 | | | | | | |
| | | | 4.0 | 336 | 6.7 | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 0.25 | | | | |
| | | | 4.5 | 294 | 6.7 | | | | | | |
| | | | 4.9 | 269 | 6.7 | | | | | | |
| | | | 5.8 | 229 | 6.7 | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 0.37 | | | | |
| | | | 6.5 | 204 | 6.7 | | | | | | |
| | | | 7.1 | 187 | 6.7 | | | | | | |
| | | | | | | | | | | | |
| | | | 8.1 | 165 | 6.7 | ZYS59R19 ZYSF59R19 ZYSA59R19 ZYSAF59R19 | 0.55 | | | | |
| | | | 10 | 131 | 6.7 | | | | | | |

选型参数表

(恒转矩) 520Nm-2300Nm

Selection Table

(Constant Torque) 520Nm-2300Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | | | | | |
|---------------------------|---------------------------|-------|-------------------------|--|--|--|---------------------------|--|--|--|--|--|------|--|--|--|
| 520 | 0.06 | 21362 | 7.8 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.12 | 1220 | 0.13 | 9887 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.12 | | | | | |
| | 0.07 | 19594 | 7.8 | | | | 0.15 | 8817 | 11 | | | | | | | |
| | 0.07 | 18120 | 7.8 | | | | 0.17 | 7735 | 11 | | | | | | | |
| | 0.08 | 16682 | 7.8 | | | | 0.19 | 6735 | 11 | | | | | | | |
| | 0.09 | 14383 | 7.8 | | | | 0.22 | 5943 | 11 | | | | | | | |
| | 0.1 | 12774 | 7.8 | | | | 0.25 | 5214 | 11 | | | | | | | |
| | 0.12 | 11013 | 7.8 | | | | 0.28 | 4618 | 11 | | | | | | | |
| | 0.14 | 9694 | 7.8 | | | | 0.33 | 3992 | 11 | | | | | | | |
| | 0.15 | 8529 | 7.8 | | | | 0.37 | 3540 | 11 | | | | | | | |
| | 0.18 | 7455 | 7.8 | | | | 0.42 | 3098 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.18 | | | | | |
| | 0.2 | 6531 | 7.8 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.12 | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | |
| | 0.23 | 5759 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | |
| | 0.26 | 4965 | 7.8 | | 0.48 | | 2753 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.12 | | | | | | |
| | 0.3 | 4410 | 7.8 | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | | |
| | 0.34 | 3880 | 7.8 | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | | |
| | 0.38 | 3432 | 7.8 | | 0.63 | | 2083 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.18 | | | | | | |
| | 0.44 | 2944 | 7.8 | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | | |
| | 0.5 | 2630 | 7.8 | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | | |
| | 0.57 | 2279 | 7.8 | | 0.72 | | 1813 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.25 | | | | | | |
| | 0.65 | 2014 | 7.8 | | 0.75 | 1745 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | | | |
| | 0.74 | 1772 | 7.8 | | 0.82 | 1600 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | | | |
| | 0.84 | 1559 | 7.8 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.18 | 0.95 | 1404 | 11 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.25 | | | | | |
| | 0.96 | 1363 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | |
| | 1.1 | 1194 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | | |
| | 1220 | 1.3 | 1045 | 7.8 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.18 | 1.2 | 1100 | 11 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.25 | | | | |
| | | 1.4 | 914 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | |
| | | 1.6 | 809 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.37 | | | | |
| | | | | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.18 | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | |
| | | | | | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | |
| | | 2.2 | 615 | 7.8 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.25 | 2.2 | 637 | 11 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.55 | | | | |
| | | 2.4 | 543 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | |
| | | 2.8 | 469 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.75 | | | | |
| | | | | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.37 | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | |
| | | | | | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | |
| | | 4.4 | 319 | 7.8 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.55 | 4.3 | 327 | 11 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 1.1 | | | | |
| | | 4.9 | 281 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | |
| | | 5.7 | 246 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | | |
| | | 1220 | 6.3 | 221 | 7.8 | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.75 | 5.6 | 250 | 11 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.12 | | | |
| | | | 8.3 | 168 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | |
| | | | 7 | 198 | 7.8 | | | | | | | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | | | | |
| | | | | | ZYS69R39 ZYSF69R39 ZYSA69R39 ZYSAF69R39 | 0.12 | 2300 | 0.05 | 25987 | 26 | ZYS89R59 ZYSF89R59 ZYSA89R59 ZYSAF89R59 | 0.12 | | | | |
| | 0.05 | | | | | | | 23940 | 26 | | | | | | | |
| | 0.06 | | | | | | | 20568 | 26 | | | | | | | |
| | 0.05 | | 25493 | 11 | ZYS79R39 ZYSF79R39 ZYSA79R39 ZYSAF79R39 | 0.12 | | 0.07 | 18265 | 26 | | | | | | |
| | 0.06 | | 21787 | 11 | | | | 0.08 | 16774 | 26 | | | | | | |
| | 0.07 | | 19907 | 11 | | | | 0.09 | 14820 | 26 | | | | | | |
| | 0.08 | | 17013 | 11 | | | | 0.10 | 13160 | 26 | | | | | | |
| 0.09 | 14668 | 11 | 0.12 | 11200 | | | | 26 | | | | | | | | |
| 0.1 | 13110 | 11 | 0.13 | 9904 | | | | 26 | | | | | | | | |
| 0.11 | 11569 | 11 | 0.15 | 8549 | | | | 26 | | | | | | | | |
| 0.12 | 11569 | 11 | | | | | | 0.17 | 7643 | 26 | | | | | | |
| | | | | | | | | 0.20 | 6706 | 26 | | | | | | |
| | | | | | | | | | | | | | | | | |
| 0.12 | 11569 | 11 | | | | | | | | | | | | | | |

选型参数表

(恒转矩) 2300Nm-6500Nm

Selection Table

(Constant Torque) 2300Nm-6500Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | |
|---------------------------|---------------------------|-------|-------------------------|--|--------------|---------------------------|---------------------------|--|-------------------------|------------------|--|------|
| 2300 | 0.22 | 5875 | 26 | ZYS89R59 | 0.18 | 4000 | 0.30 | 4444 | 30 | ZYS99R59 | 0.25 | |
| | 0.25 | 5187 | 26 | ZYSF89R59 | | | 0.33 | 4017 | 30 | ZYSF99R59 | | |
| | 0.28 | 4606 | 26 | ZYSA89R59 | | | 0.39 | 3453 | 30 | ZYSA99R59 | | |
| | | | | ZYSAF89R59 | | | | | | ZYSAF99R59 | | |
| | 0.34 | 3872 | 26 | ZYS89R59 | 0.25 | | 0.43 | 3108 | 30 | ZYS99R59 | 0.37 | |
| | | | | ZYSF89R59 | | | 0.50 | 2654 | 30 | ZYSF99R59 | | |
| | | | | ZYSA89R59 | | | 0.57 | 2329 | 30 | ZYSA99R59 | | |
| | | | | ZYSAF89R59 | | | | | | ZYSAF99R59 | | |
| | 0.38 | 3475 | 26 | ZYS89R59 | 0.25 | | 0.67 | 2081 | 30 | ZYS99R59 | 0.55 | |
| | 0.46 | 2905 | 26 | ZYSF89R59 | | | 0.75 | 1860 | 30 | ZYSF99R59 | | |
| | | | | ZYSA89R59 | | | 0.88 | 1574 | 30 | ZYSA99R59 | | |
| | | | | ZYSAF89R59 | | | | | | ZYSAF99R59 | | |
| | 0.51 | 2586 | 26 | ZYS89R59 | 0.37 | | 1.0 | 1394 | 30 | ZYS99R59 | 0.75 | |
| | 0.57 | 2335 | 26 | ZYSF89R59 | | | 1.1 | 1223 | 30 | ZYSF99R59 | | |
| | 0.65 | 2054 | 26 | ZYSA89R59 | | | 1.3 | 1070 | 30 | ZYSA99R59 | | |
| | | | | ZYSAF89R59 | | | | | | ZYSAF99R59 | | |
| | 0.76 | 1824 | 26 | ZYS89R59 | 0.55 | | 1.5 | 928 | 30 | ZYS99R59 | 1.1 | |
| | 0.85 | 1631 | 26 | ZYSF89R59 | | | 1.7 | 824 | 30 | ZYSF99R59 | | |
| | 1.0 | 1332 | 26 | ZYSA89R59 | | | | | | ZYSA99R59 | | |
| | 1.2 | 1191 | 26 | ZYSAF89R59 | | | | | | ZYSAF99R59 | | |
| | 1.3 | 1032 | 26 | ZYS89R59 | 0.75 | | 2.0 | 714 | 31 | ZYS99R59 | 1.5 | |
| | 1.5 | 930 | 26 | ZYSF89R59 | | | 2.2 | 626 | 30 | ZYSF99R59 | | |
| | 1.7 | 831 | 26 | ZYSA89R59 | | | 2.6 | 538 | 30 | ZYSA99R59 | | |
| | | | | ZYSAF89R59 | | | | | | ZYSAF99R59 | | |
| | 1.9 | 719 | 26 | ZYS89R59 | 1.1 | | 3.0 | 484 | 30 | ZYS99R59 | 2.2 | |
| | 2.2 | 624 | 26 | ZYSF89R59 | | | 3.4 | 420 | 30 | ZYSF99R59 | | |
| | 2.5 | 558 | 26 | ZYSA89R59 | | | 3.8 | 376 | 30 | ZYSA99R59 | | |
| | | | | ZYSAF89R59 | | | | | | ZYSAF99R59 | | |
| | 2.9 | 485 | 26 | ZYS89R59 | 1.5 | | 4.4 | 327 | 30 | ZYS99R59 | 3 | |
| | | | | ZYSF89R59 | | | 5.0 | 287 | 30 | ZYSF99R59 | | |
| | | | | ZYSA89R59 | | | | | | ZYSA99R59 | | |
| | | | | ZYSAF89R59 | | | | | | ZYSAF99R59 | | |
| | 3.2 | 435 | 26 | ZYS89R59 | 1.5 | | 5.7 | 252 | 30 | ZYS99R59 | 4 | |
| | 3.7 | 378 | 26 | ZYSF89R59 | | | 6.6 | 219 | 30 | ZYSF99R59 | | |
| | 5.5 | 255 | 26 | ZYSA89R59 | | | 7.0 | 205 | 30 | ZYSA99R59 | | |
| | 6.3 | 222 | 26 | ZYSAF89R5 | | | | | | ZYSAF99R59 | | |
| 6.8 | 205 | 26 | ZYSAF89R5 | | | | | | | | | |
| 4.4 | 323 | 26 | ZYS89R59 | 2.2 | 6500 | 0.05 | 27093 | 40 | ZYS109R79 | 0.12 | | |
| 5.1 | 281 | 26 | ZYSF89R59 | | | 0.06 | 23118 | 40 | ZYSF109R79 | | | |
| | | | ZYSA89R59 | 0.06 | | 20215 | 40 | ZYSA109R79 | | | | |
| | | | ZYSAF89R59 | 0.07 | | 18344 | 40 | ZYSAF109R79 | | | | |
| | | | | 0.08 | | 15767 | 40 | | | | | |
| | | | | 0.10 | | 12901 | 40 | | | | | |
| 4000 | 0.04 | 33818 | 31 | ZYS99R59 ZYSF99R59 ZYSA99R59 ZYSAF99R59 | | 0.12 | | 0.11 | 11708 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 0.18 |
| | 0.04 | 31154 | 31 | | | | | 0.06 | 20215 | 40 | | |
| | 0.05 | 27847 | 31 | | | | | 0.07 | 18344 | 40 | | |
| | 0.05 | 24641 | 31 | | | | | 0.08 | 15767 | 40 | | |
| | 0.06 | 21537 | 31 | | | | | 0.10 | 12901 | 40 | | |
| | 0.07 | 18749 | 31 | | | | | 0.11 | 11708 | 40 | | |
| | 0.08 | 16233 | 31 | | | | | 0.12 | 10719 | 40 | | |
| | 0.09 | 14576 | 31 | | | | | 0.13 | 9727 | 40 | | |
| | 0.10 | 12752 | 31 | | | | | 0.16 | 8360 | 40 | | |
| | 0.12 | 11267 | 31 | | | | | 0.08 | 15767 | 40 | | |
| | 0.13 | 10078 | 31 | 0.10 | | 12901 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 0.25 | | | |
| | 0.15 | 8608 | 31 | 0.11 | | 11708 | 40 | | | | | |
| | 0.17 | 7554 | 31 | 0.12 | | 10719 | 40 | | | | | |
| | 0.20 | 6640 | 30 | 0.14 | | 9727 | 40 | | | | | |
| 0.23 | 5780 | 30 | ZYS99R59 | 0.18 | | 0.16 | 8360 | 40 | | | | |
| 0.27 | 4937 | 30 | ZYSF99R59 | | | | | | | | | |
| | | | ZYSA99R59 | | | | | | | | | |
| | | | ZYSAF99R59 | | | | | | | | | |

选型参数表

(恒转矩) 6500Nm

Selection Table

(Constant Torque) 6500Nm

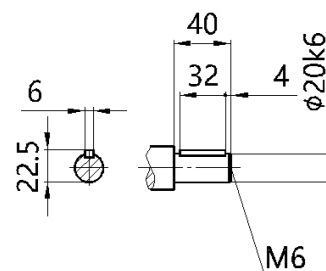
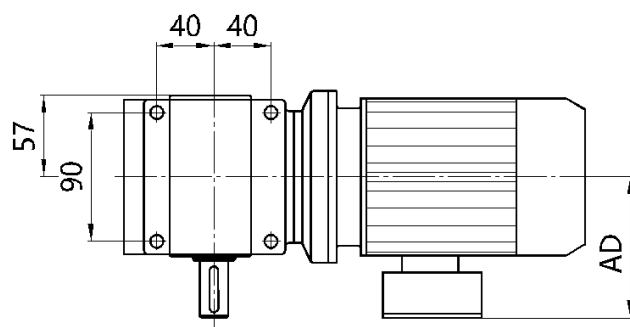
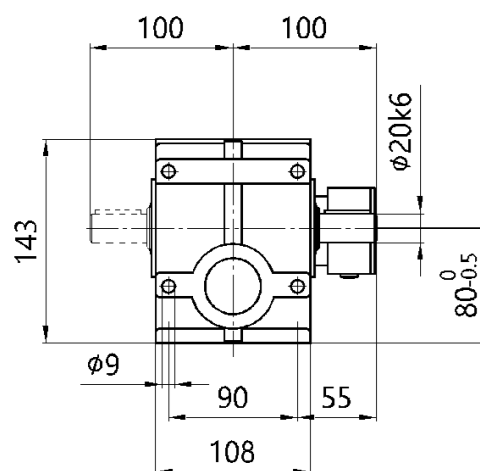
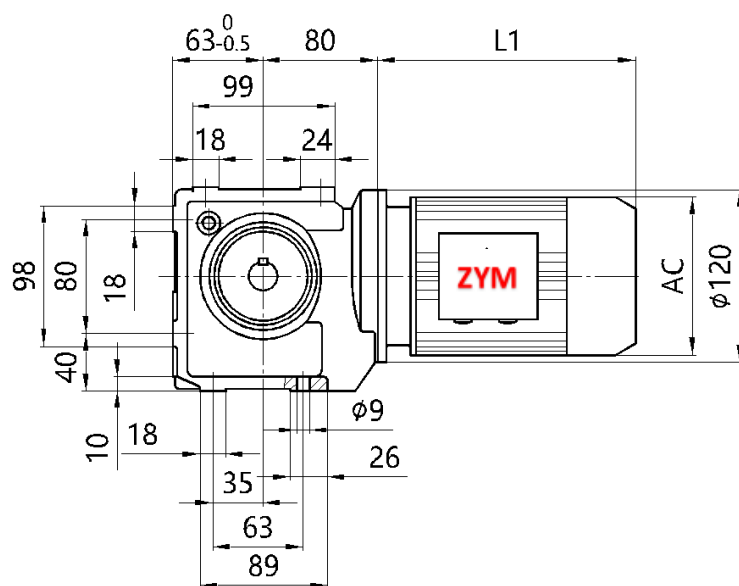
| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | |
|---------------------------|---------------------------|------|-------------------------|--|--------------|---------------------------|---------------------------|------|-------------------------|---|--------------|--|
| 6500 | 0.18 | 7226 | 40 | ZYS109R79 | 0.25 | 6500 | 0.94 | 1521 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 2.2 | |
| | 0.20 | 6557 | 40 | ZYSF109R79 | | | 1.1 | 1327 | 40 | | | |
| | 0.23 | 5769 | 40 | ZYSA109R79 | | | 1.3 | 1126 | 40 | | | |
| | | | | ZYSAF109R79 | | | 1.5 | 984 | 40 | | | |
| | 0.14 | 9727 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 0.37 | | 1.7 | 864 | 40 | | | |
| | 0.16 | 8360 | 40 | | | | 1.8 | 812 | 40 | | | |
| | 0.18 | 7226 | 40 | | | | 2.1 | 688 | 40 | | | |
| | 0.20 | 6557 | 40 | | | | 2.4 | 602 | 40 | | | |
| | 0.23 | 5769 | 40 | | | | 1.3 | 1126 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYGSAF109R79 | 3 | |
| | 0.27 | 4958 | 40 | | | | 1.5 | 984 | 40 | | | |
| | 0.31 | 4328 | 40 | | | | 1.7 | 864 | 40 | | | |
| | 0.19 | 7226 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 0.55 | | 1.8 | 812 | 40 | | | |
| | 0.21 | 6557 | 40 | | | | 2.1 | 688 | 40 | | | |
| | 0.24 | 5769 | 40 | | | | 2.4 | 602 | 40 | | | |
| | 0.28 | 4958 | 40 | | | | 2.6 | 544 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 4 | |
| | 0.32 | 4328 | 40 | | | | 3.0 | 476 | 40 | | | |
| | 0.43 | 3243 | 40 | | | | 3.5 | 409 | 40 | | | |
| | 0.55 | 2530 | 40 | | | | 1.8 | 812 | 40 | | | |
| | 0.24 | 5769 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 0.75 | | 2.1 | 688 | 40 | | | |
| | 0.28 | 4958 | 40 | | | | 2.4 | 602 | 40 | | | |
| | 0.32 | 4328 | 40 | | | | 2.6 | 544 | 40 | | | |
| | 0.43 | 3243 | 40 | | | | 3.0 | 476 | 40 | | | |
| | 0.55 | 2530 | 40 | | | | 3.5 | 409 | 40 | | | |
| | 0.63 | 2208 | 40 | | | | 4.1 | 352 | 40 | | | |
| | 0.71 | 1950 | 40 | | | | 4.7 | 307 | 40 | | | |
| | 0.43 | 3243 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 1.1 | | 2.4 | 602 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 5.5 | |
| | 0.55 | 2530 | 40 | | | | 2.6 | 544 | 40 | | | |
| | 0.63 | 2208 | 40 | | | | 3.0 | 476 | 40 | | | |
| | 0.72 | 1950 | 40 | | | | 3.5 | 409 | 40 | | | |
| | 0.79 | 1769 | 40 | | | | 4.1 | 352 | 40 | | | |
| | 0.92 | 1521 | 40 | | | | 4.7 | 307 | 40 | | | |
| | 1.05 | 1327 | 40 | ZYS109R79 ZYSF109R79 ZYSA109R79 ZYSAF109R79 | 1.5 | | | | | | | |
| | 0.55 | 2530 | 40 | | | | | | | | | |
| | 0.63 | 2208 | 40 | | | | | | | | | |
| | 0.72 | 1950 | 40 | | | | | | | | | |
| | 0.79 | 1769 | 40 | | | | | | | | | |
| | 0.92 | 1521 | 40 | | | | | | | | | |
| | 1.1 | 1327 | 40 | | | | | | | | | |
| | 1.2 | 1126 | 40 | | | | | | | | | |
| | 1.4 | 984 | 40 | | | | | | | | | |

安装结构尺寸

ZYS39

Mounting Dimensional

Description ZYS39



注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

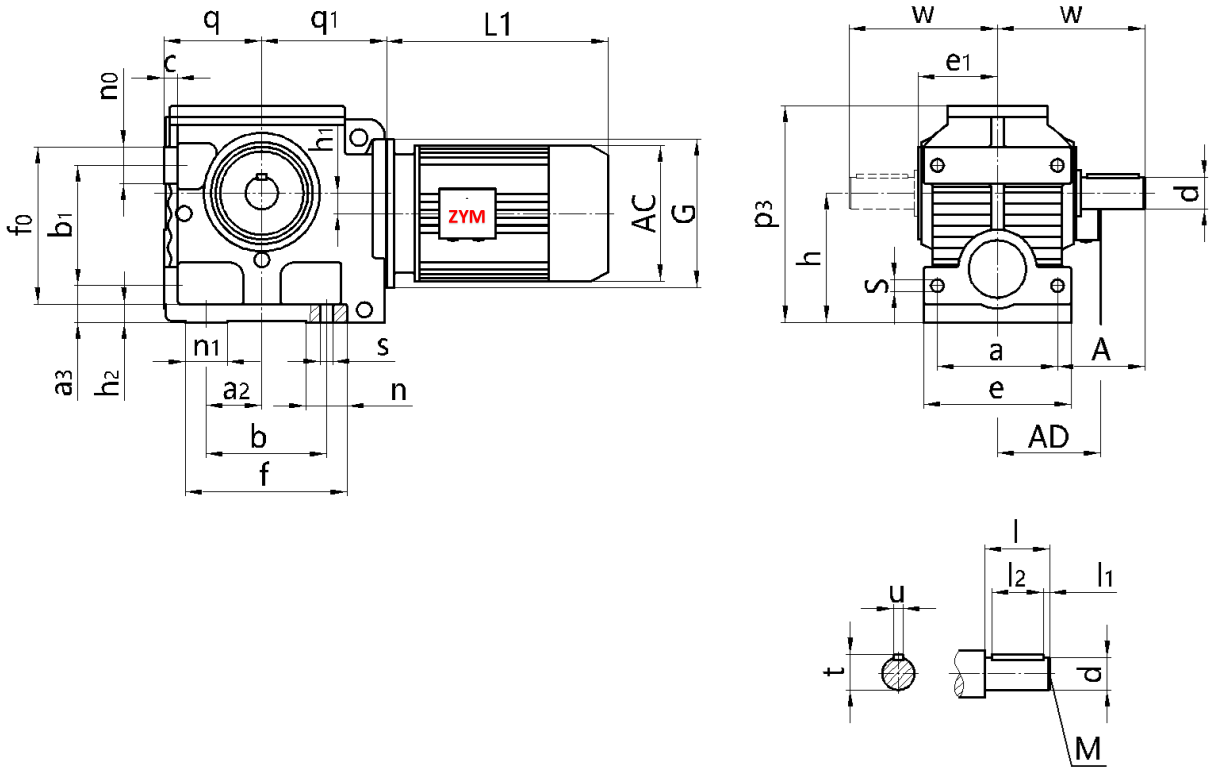
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

注：直联电机尺寸见附录 A-2 和 A-3

Note: See Appendix A-2 and A-3 for dimensions of direct-connected motors

安装结构尺
寸ZYS49-99

Mounting Dimensional
Description ZYS49-99

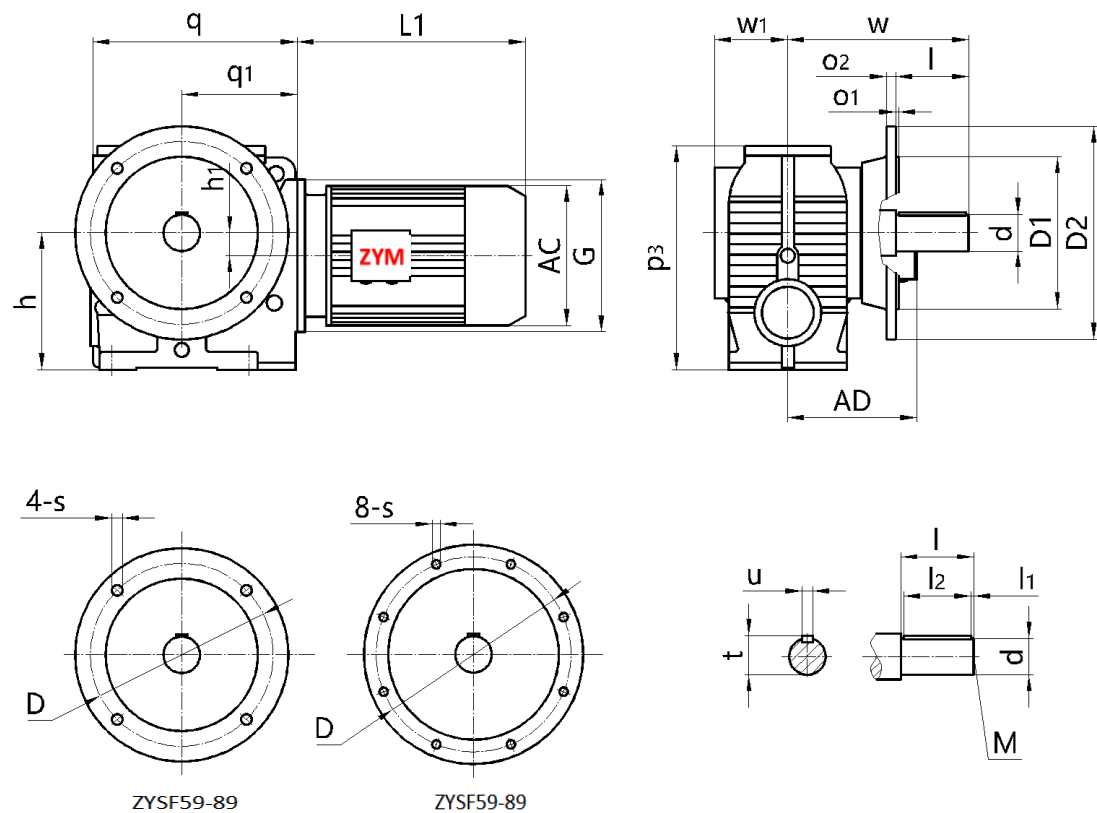


| 机 型 号 Type Size | q d | q1 w | c A | f0 a | b1 e | n0 h | a3 p3 | h1 e1 | h2 u | n1 t | a2 l | s l1 | n l2 | b M | f G | 电机尺寸 Motor Size | | |
|--------------------|------------------------------|------------|-----------|------------|------------|---------------------------|-----------|-------------|----------|------------|------------|------------|-----------|------------|-------------|---|----|----|
| | | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYS49 | 75 ^{-0.5} Φ25k6 | 96 115 | 12 65 | 105 100 | 80 120 | 25 100 ^{-0.5} | 35 167 | 8 60 | 15 8 | 30 28 | 35 50 | Φ11 5 | 32 40 | 80 M10 | 112 Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYS59 | 80 ^{-0.5} Φ30k6 | 107 134 | 12 79 | 130 110 | 100 136 | 30 112 ^{-0.5} | 35 190 | 20 71 | 15 8 | 30 33 | 45 60 | Φ11 3.5 | 30 50 | 100 M10 | 130 Φ120 | | | |
| ZYS69 | 106 ^{-0.5} Φ35k6 | 135 160 | 15 95 | 170 130 | 130 160 | 40 140 ^{-0.5} | 40 238 | 22 85.5 | 20 10 | 45 38 | 60 70 | Φ13.5 7 | 45 56 | 130 M12 | 175 Φ160 | | | |
| ZYS79 | 125 ^{-0.5} Φ45k6 | 162 195 | 25 120 | 177 150 | 135 185 | 42 180 ^{-0.5} | 70 304 | 34 101 | 25 14 | 50 48.5 | 75 90 | Φ17.5 5 | 69 80 | 135 M16 | 204 Φ200 | | | |
| ZYS89 | 150 ^{-0.5} Φ60m6 | 190 255 | 30 155 | 230 200 | 180 250 | 50 225 ^{-0.5} | 82 372 | 37.5 130 | 30 18 | 60 64 | 92 120 | Φ22 5 | 67 110 | 180 M20 | 247 Φ250 | | | |
| ZYS99 | 180 ^{-0.5} Φ70m6 | 240 295 | 35 170 | 295 250 | 235 300 | 60 280 ⁻¹ | 90 461 | 52 150 | 35 20 | 80 74.5 | 115 140 | Φ26 7.5 | 85 125 | 235 M20 | 320 Φ300 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.
注：电机需方配或配特殊电机时需加联接法兰（见附录 D）
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺
ZYSF39-99

Mounting Dimensional Description
ZYSF39-99

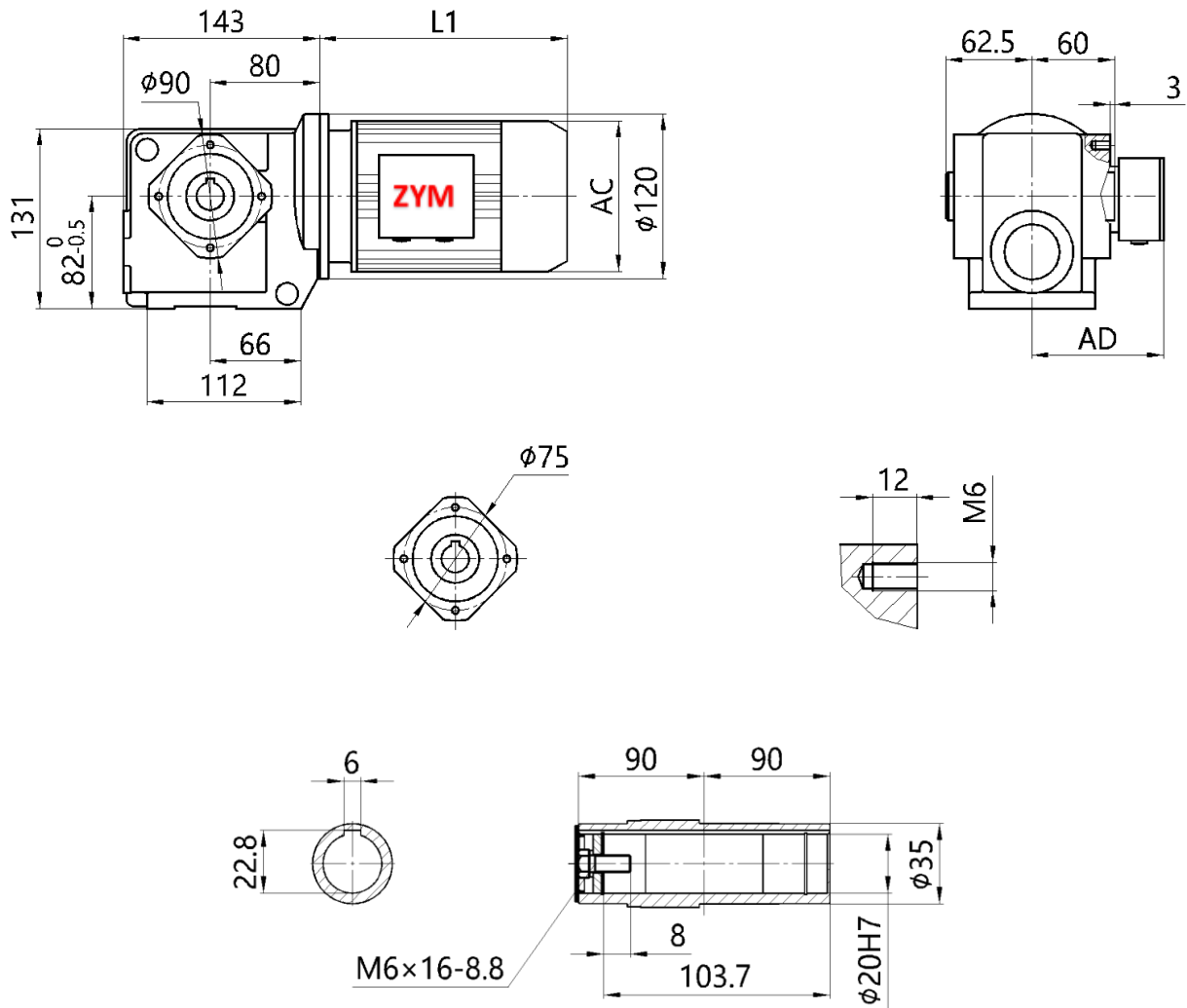


| 机 型 号 Type Size | q p ₃ | q ₁ w | h w ₁ | h ₁ u | s t | D l | D1 l ₁ | D2 l ₂ | o ₁ d | o ₂ M | G | 电机尺寸 Motor Size | | |
|--------------------|---------------------|---------------------|---------------------|---------------------|---------|-----------|----------------------|----------------------|---------------------|---------------------|------|---|----|----|
| | | | | | | | | | | | | AC | AD | L1 |
| ZYSF39 | 143 | 80 | 82 ^{-0.5} | / | Φ9/Φ6.6 | Φ130/Φ100 | Φ110j6/Φ80j6 | Φ160/Φ120 | 3.5/3 | 10/8 | Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| | 131 | 115 | 57 | 6 | 22.5 | 40 | 4 | 32 | Φ20k6 | M6 | | | | |
| ZYSF49 | 175 | 96 | 100 ^{-0.5} | 8 | Φ9 | Φ130 | Φ110j6 | Φ160 | 3.5 | 10 | Φ120 | | | |
| | 181 | 133.5 | 57.5 | 8 | 28 | 50 | 5 | 40 | Φ25k6 | M10 | | | | |
| ZYSF59 | 191 | 107 | 112 ^{-0.5} | 20 | Φ11 | Φ165 | Φ130j6 | Φ200 | 3.5 | 10 | Φ120 | | | |
| | 191 | 160 | 72 | 8 | 33 | 60 | 3.5 | 50 | Φ30k6 | M10 | | | | |
| ZYSF69 | 246 | 135 | 140 ^{-0.5} | 22 | Φ11 | Φ165 | Φ130j6 | Φ200 | 3.5 | 12 | Φ160 | | | |
| | 238 | 190 | 80.5 | 10 | 38 | 70 | 7 | 56 | Φ35k6 | M12 | | | | |
| ZYSF79 | 292 | 162 | 180 ^{-0.5} | 34 | Φ13.5 | Φ215 | Φ180j6 | Φ250 | 4 | 15 | Φ200 | | | |
| | 304 | 232 | 125 | 14 | 48.5 | 90 | 5 | 80 | Φ45k6 | M16 | | | | |
| ZYSF89 | 344 | 190 | 225 ^{-0.5} | 37.5 | Φ17.5 | Φ300 | Φ250h6 | Φ350 | 5 | 15 | Φ250 | | | |
| | 372 | 290 | 150 | 18 | 64 | 120 | 5 | 110 | Φ60m6 | M20 | | | | |
| ZYSF99 | 425 | 240 | 280 ⁻¹ | 52 | Φ17.5 | Φ400 | Φ350h6 | Φ450 | 5 | 22 | Φ300 | | | |
| | 460 | 340 | 170 | 20 | 74.5 | 140 | 7.5 | 125 | Φ70m6 | M20 | | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.
注：电机需方配或配特殊电机时需加联接法兰（见附录 D）
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺 寸 ZYSA39

Mounting Dimensional Description ZYSA39



注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

注：直联电机尺寸见附录 A-2 和 A-3

Note: See Appendix A-2 and A-3 for dimensions of direct-connected motors

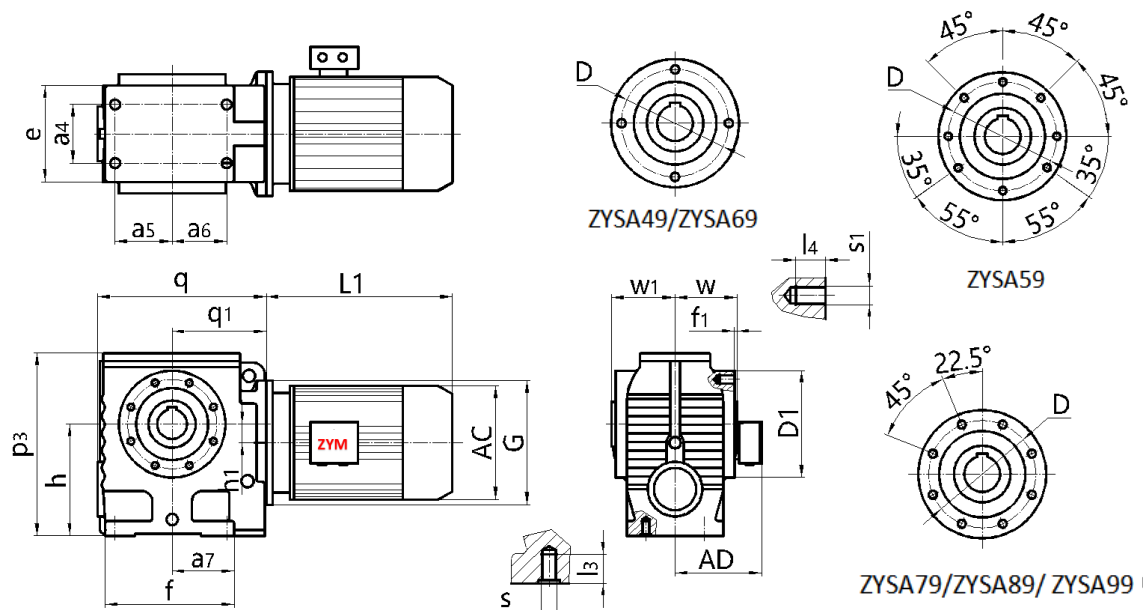
ZYS 系列斜齿轮-蜗轮蜗杆减速电机

安装结构尺寸

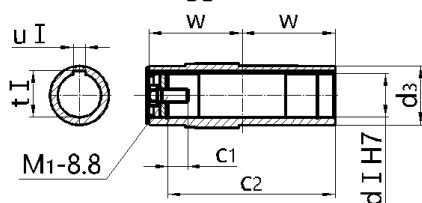
ZYSA49-99

Mounting Dimensional Description

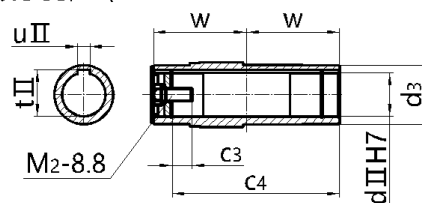
ZYSA49-99



较大孔径 (The bigger diameter of bore)



较小孔径 (The smaller diameter of bore)



| 机 型 号 Type Size | e | a ₄ | a ₅ | a ₆ | s | l ₃ | s ₁ | l ₄ | D | q | q ₁ | p ₃ | h | c ₁ | c ₃ | M ₁ | G | 电机尺寸 Motor Size | | |
|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|------|----------------|----------------|---------------------|----------------|----------------|----------------|----------------|--------------------|---------------------------------------|----|
| | h ₁ | a ₇ | f | w | f ₁ | D ₁ | d ₃ | d I | u I | t I | d II | u II | t II | c ₂ | c ₄ | M ₂ | w ₁ | AC | AD | L1 |
| ZYSA49 | 94 | 60 | 35 | 52 | M10 | 20 | M8 | 14 | Φ115 | 175 | 96 | 181 | 100 _{-0.5} | 17 | 17 | M10×25 | Φ120 | 见附录 A-2 和 A-3 | Please see appendix A-2 and A-3 | |
| | 8 | 67 | 127 | 60 | 2.5 | Φ130 | Φ45 | Φ30 | 8 | 33.3 | Φ25 | 8 | 28.3 | 103.7 | 103.7 | M10×25 | 63 | | | |
| ZYSA59 | 100 | 60 | 58.5 | 58.5 | M10 | 20 | M8 | 15 | Φ102 | 191 | 107 | 191 | 112 _{-0.5} | 22 | 17 | M12×30 | Φ120 | | | |
| | 20 | 73 | 146 | 75 | 3 | Φ120 | Φ50 | Φ35 | 10 | 38.3 | Φ30 | 8 | 33.3 | 132 | 132 | M10×25 | 78 | | | |
| ZYSA69 | 130 | 88 | 71.5 | 80.5 | M12 | 25 | M12 | 20 | Φ130 | 246 | 135 | 238 | 140 _{-0.5} | 29 | 29 | M16×40 | Φ160 | | | |
| | 22 | 95.5 | 182 | 84 | 3.5 | Φ155 | Φ65 | Φ45 | 14 | 48.8 | Φ40 | 12 | 43.3 | 144 | 144 | M16×40 | 87 | | | |
| ZYSA79 | 156 | 102 | 85 | 85 | M16 | 32 | M12 | 21 | Φ155 | 292 | 162 | 304 | 180 _{-0.5} | 37 | 32 | M20×50 | Φ200 | | | |
| | 34 | 104 | 204 | 105 | 4 | Φ178 | Φ80 | Φ60 | 18 | 64.4 | Φ50 | 14 | 53.8 | 183 | 183 | M16×45 | 108 | | | |
| ZYSA89 | 194 | 118 | 115 | 110 | M16 | 32 | M16 | 28 | Φ180 | 344 | 190 | 372 | 225 _{-0.5} | 34 | 36 | M20×50 | Φ250 | | | |
| | 37.5 | 125 | 260 | 125 | 5 | Φ215 | Φ95 | Φ70 | 20 | 74.9 | Φ60 | 18 | 64.4 | 220 | 220 | M20×50 | 128 | | | |
| ZYSA99 | 236 | 160 | 135 | 113 | M20 | 37 | M16 | 28 | Φ220 | 425 | 240 | 460 | 280 ₋₁ | 41 | 34 | M24×60 | Φ300 | | | |
| | 52 | 140 | 301 | 145 | 5 | Φ260 | Φ120 | Φ90 | 25 | 95.4 | Φ70 | 20 | 74.9 | 260 | 260 | M20×50 | 149 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

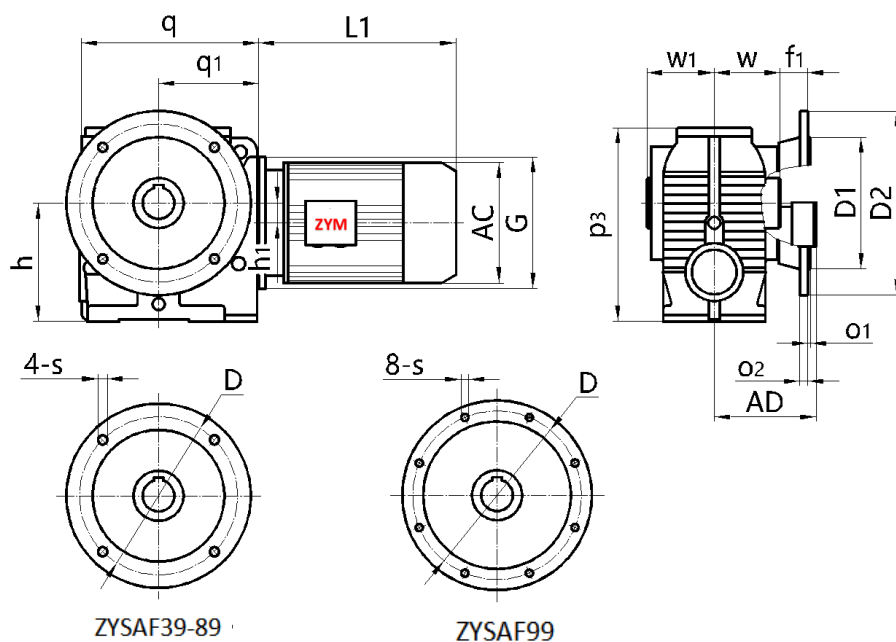
Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

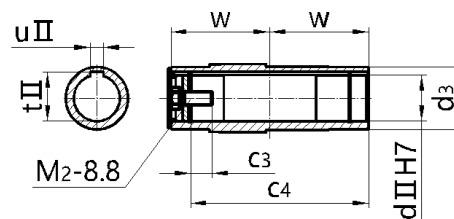
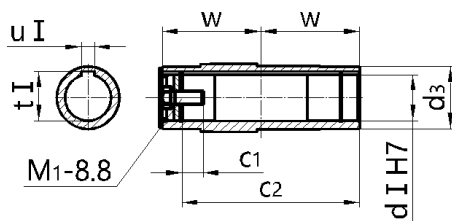
安装结构尺寸 ZYSAF39-99

Mounting Dimensional Description ZYSAF39-99



较大孔径 (The bigger diameter of bore)

较小孔径 (The smaller diameter of bore)



| 机 型 号 Type Size | q p ₃ | q ₁ w | h f ₁ | h ₁ d ₃ | s d I | D u I | D1 t I | D2 d II | o ₁ u II | o ₂ t II | c ₁ c ₂ | c ₃ c ₄ | M ₁ M ₂ | G w ₁ | 电机尺寸 Motor Size | | |
|--------------------|---------------------|---------------------|---------------------|----------------------------------|----------|-----------|--------------|------------|------------------------|------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------|---|----|----|
| | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYGSAF39 | 143 | 80 | 82 ^{-0.5} | / | Φ9/Φ6.6 | Φ130/Φ100 | Φ110j6/Φ80j6 | Φ160/Φ120 | 3.5/3 | 10/8 | 8 | / | M6×16 | Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| | 131 | 60 | 15 | Φ35 | Φ20 | 6 | 22.8 | / | / | / | 103.7 | / | / | 62.5 | | | |
| ZYSAF49 | 175 | 96 | 100 ^{-0.5} | 8 | Φ9 | Φ130 | Φ110j6 | Φ160 | 3.5 | 10 | 17 | 17 | M10×25 | Φ120 | | | |
| | 181 | 60 | 24 | Φ45 | Φ30 | 8 | 33.3 | Φ25 | 8 | 28.3 | 103.7 | 103.7 | M10×25 | 63 | | | |
| ZYSAF59 | 191 | 107 | 112 ^{-0.5} | 20 | Φ11 | Φ165 | Φ130j6 | Φ200 | 3.5 | 12 | 22 | 17 | M12×30 | Φ120 | | | |
| | 191 | 75 | 25 | Φ50 | Φ35 | 10 | 38.3 | Φ30 | 8 | 33.3 | 132 | 132 | M10×25 | 78 | | | |
| ZYSAF69 | 246 | 135 | 140 ^{-0.5} | 22 | Φ11 | Φ165 | Φ130j6 | Φ200 | 3.5 | 12 | 29 | 29 | M16×40 | Φ160 | | | |
| | 238 | 84 | 42.5 | Φ65 | Φ45 | 14 | 48.8 | Φ40 | 12 | 43.3 | 144 | 144 | M16×40 | 87 | | | |
| ZYSAF79 | 292 | 162 | 180 ^{-0.5} | 34 | Φ13.5 | Φ215 | Φ180j6 | Φ250 | 4 | 15 | 37 | 32 | M20×50 | Φ200 | | | |
| | 304 | 105 | 45.5 | Φ80 | Φ60 | 18 | 64.4 | Φ50 | 14 | 53.8 | 183 | 183 | M16×45 | 108 | | | |
| ZYSAF89 | 344 | 190 | 225 ^{-0.5} | 37.5 | Φ17.5 | Φ300 | Φ250h6 | Φ350 | 5 | 15 | 34 | 36 | M20×50 | Φ250 | | | |
| | 372 | 125 | 52.5 | Φ95 | Φ70 | 20 | 74.9 | Φ60 | 18 | 64.4 | 220 | 220 | M20×50 | 128 | | | |
| ZYSAF99 | 425 | 240 | 280 ⁻¹ | 52 | Φ17.5 | Φ400 | Φ350h6 | Φ450 | 5 | 17 | 41 | 34 | M24×60 | Φ300 | | | |
| | 460 | 145 | 60 | Φ120 | Φ90 | 25 | 95.4 | Φ70 | 20 | 74.9 | 260 | 260 | M20×50 | 149 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

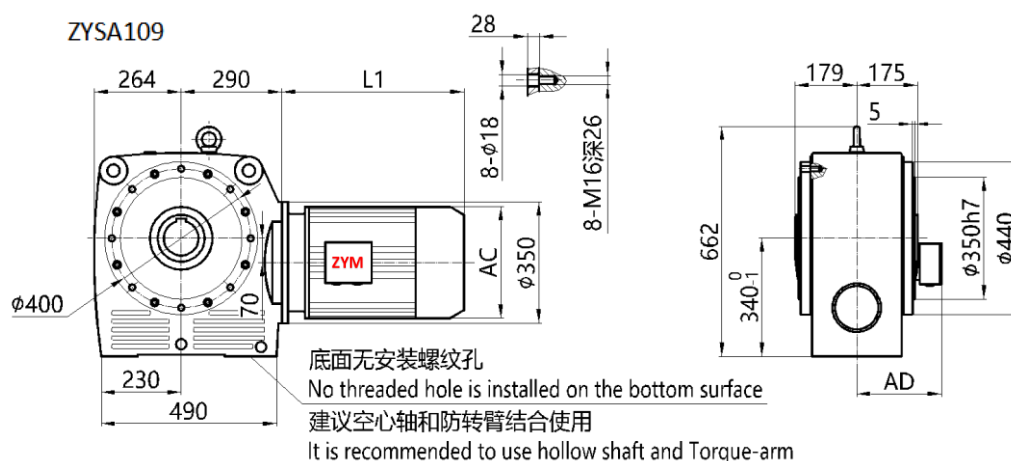
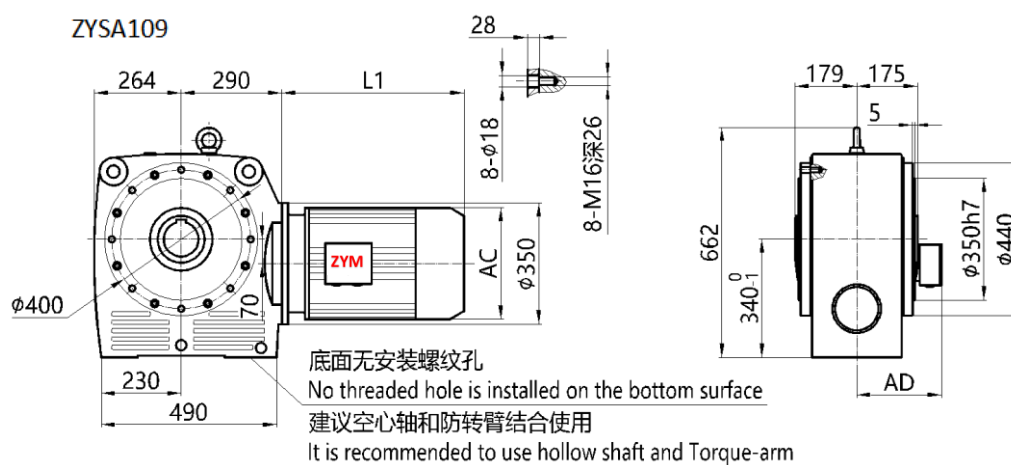
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

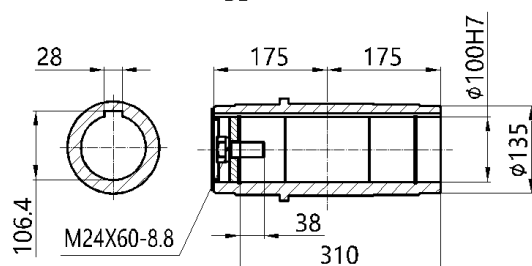
ZYSA109/ZYSAF109

Mounting Dimensional Description

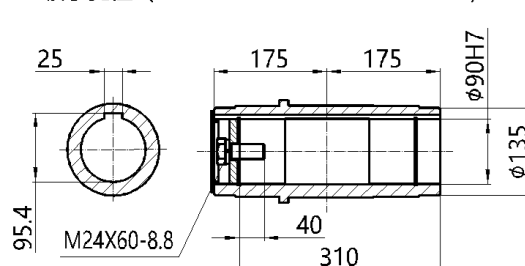
ZYSA109/ZYSAF109



较大孔径 (The bigger diameter of bore)



较小孔径 (The smaller diameter of bore)



注: 电机需方配或配特殊电机时需加联接法兰 (见附录 D)

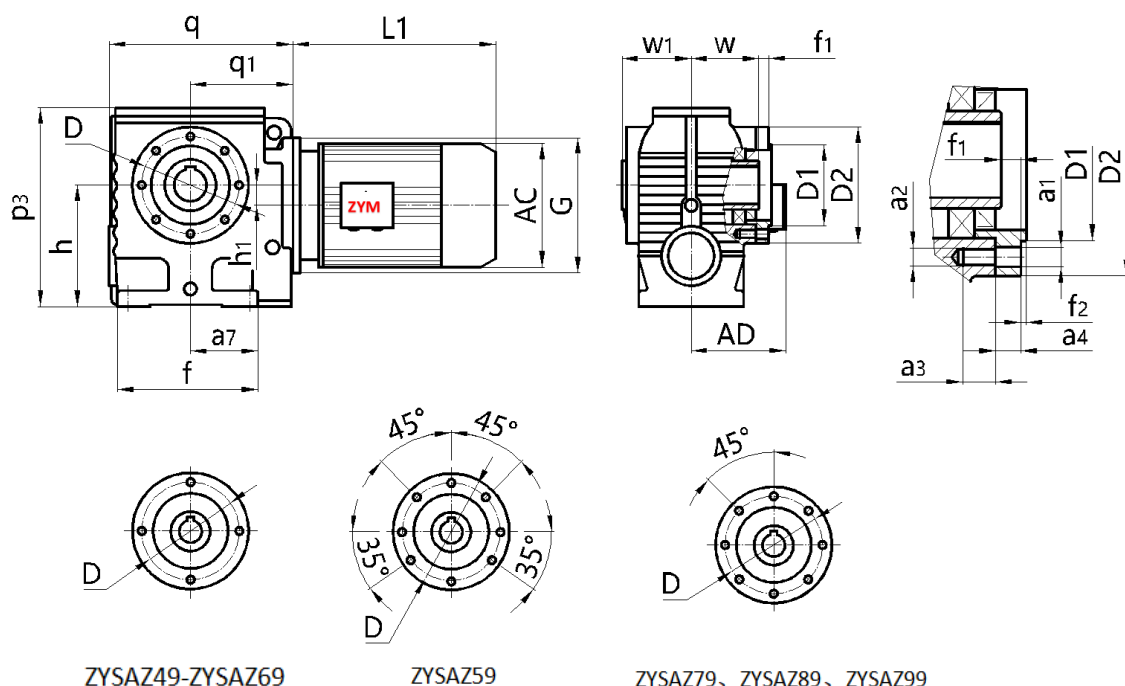
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

注: 直联电机尺寸见附录 A-2 和 A-3

Note: See Appendix A-2 and A-3 for dimensions of direct-connected motors

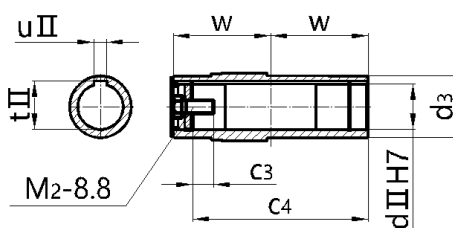
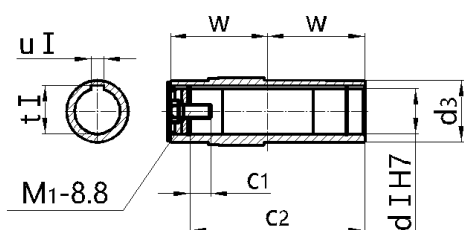
安装结构尺寸 ZYSAZ49-99

Mounting Dimensional Description ZYSAZ49-99



较大孔径 (The bigger diameter of bore)

较小孔径 (The smaller diameter of bore)



| 机 型 号 Type Size | d I dII | d ₃ G | M ₁ M ₂ | q q ₁ | h h ₁ | p ₃ f | a ₇ f ₂ | a ₂ f ₁ | a ₃ a ₁ | a ₄ D | D1 D2 | w w ₁ | t I u I | tII uII | c ₁ c ₂ | c ₃ c ₄ | 电机尺寸 Motor Size | | | |
|--------------------|------------|---------------------|----------------------------------|---------------------|---------------------|---------------------|----------------------------------|----------------------------------|----------------------------------|---------------------|----------|---------------------|------------|------------|----------------------------------|----------------------------------|---|----|----|--|
| | | | | | | | | | | | | | | | | | AC | AD | L1 | |
| | | | | | | | | | | | | | | | | | | | | |
| ZYSAZ49 | Φ30 | Φ45 | M10×25 | 175 | 100-0.5 | 181 | 67 | M8 | 14 | 11 | Φ95j6 | 60 | 33.3 | 28.3 | 17 | 17 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | | |
| | Φ25 | Φ120 | M10×25 | 96 | 8 | 127 | 3 | 8.5 | Φ9 | Φ115 | Φ130 | 63 | 8 | 8 | 103.7 | 103.7 | | | | |
| ZYSAZ59 | Φ35 | Φ50 | M12×30 | 191 | 112-0.5 | 191 | 73 | M8 | 15 | 11 | Φ80j6 | 75 | 38.3 | 33.3 | 22 | 17 | | | | |
| | Φ30 | Φ120 | M10×25 | 107 | 20 | 146 | 3 | 8 | Φ9 | Φ102 | Φ120 | 78 | 10 | 8 | 132 | 132 | | | | |
| ZYSAZ69 | Φ45 | Φ65 | M16×40 | 246 | 140-0.5 | 238 | 95.5 | M12 | 20 | 13 | Φ105j6 | 84 | 48.8 | 43.3 | 29 | 29 | | | | |
| | Φ40 | Φ160 | M16×40 | 135 | 22 | 182 | 3.5 | 9.5 | Φ13 | Φ130 | Φ155 | 87 | 14 | 12 | 144 | 144 | | | | |
| ZYSAZ79 | Φ60 | Φ80 | M20×50 | 292 | 180-0.5 | 304 | 104 | / | / | 18.5 | Φ125j6 | 105 | 64.4 | 53.8 | 37 | 32 | | | | |
| | Φ50 | Φ200 | M16×45 | 162 | 34 | 204 | 4 | 14.5 | M12 | Φ155 | Φ178 | 108 | 18 | 14 | 183 | 183 | | | | |
| ZYSAZ89 | Φ70 | Φ95 | M20×50 | 344 | 225-0.5 | 372 | 125 | / | / | 23.5 | Φ150j6 | 125 | 74.9 | 64.4 | 34 | 36 | | | | |
| | Φ60 | Φ250 | M20×50 | 190 | 37.5 | 260 | 5 | 18.5 | M16 | Φ180 | Φ215 | 128 | 20 | 18 | 220 | 220 | | | | |
| ZYSAZ99 | Φ90 | Φ120 | M24×60 | 425 | 280-1.0 | 460 | 140 | / | / | 23.5 | Φ180j6 | 145 | 95.4 | 74.9 | 41 | 34 | | | | |
| | Φ70 | Φ300 | M20×50 | 240 | 52 | 301 | 5 | 18.5 | M16 | Φ220 | Φ260 | 149 | 25 | 20 | 260 | 260 | | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

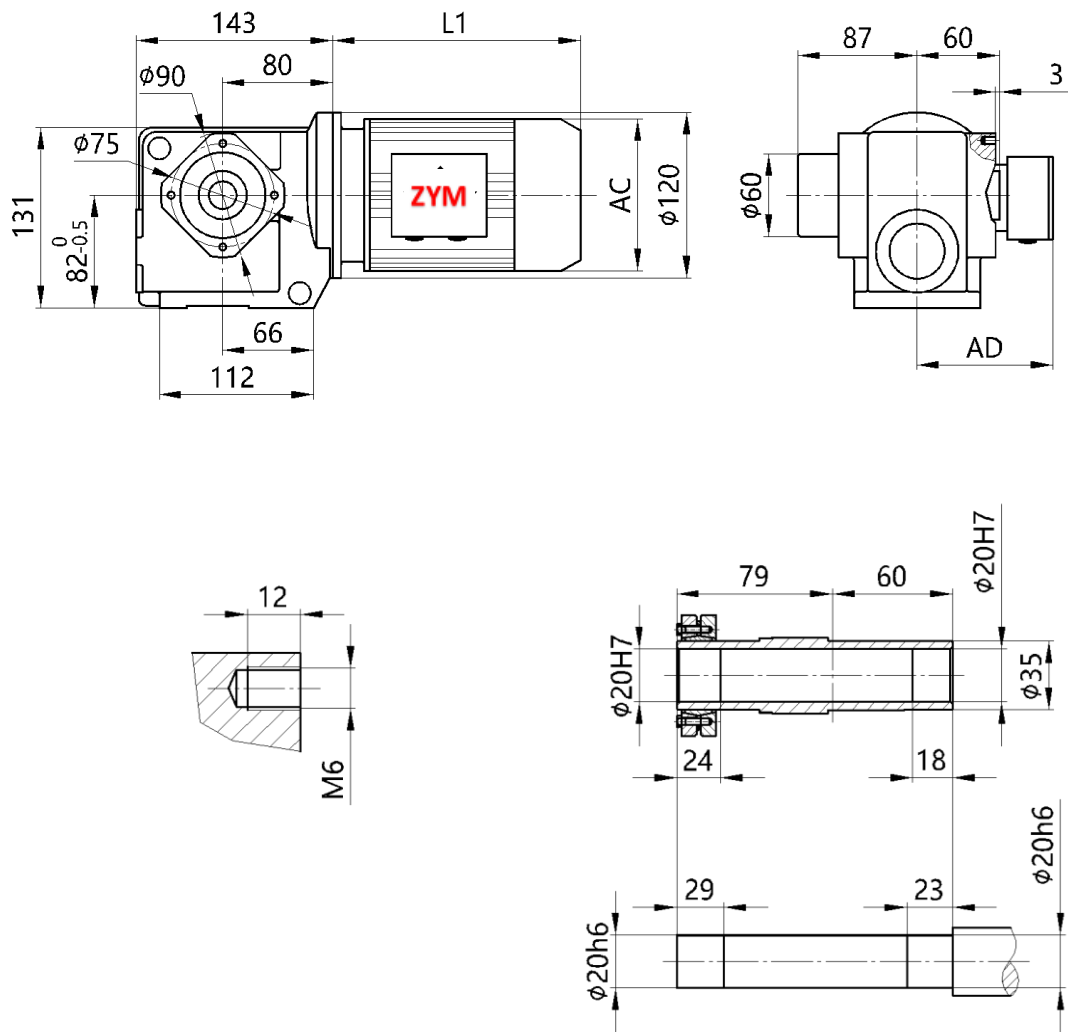
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYSH39

Mounting Dimensional Description

ZYSH39



注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

注：直联电机尺寸见附录 A-2 和 A-3

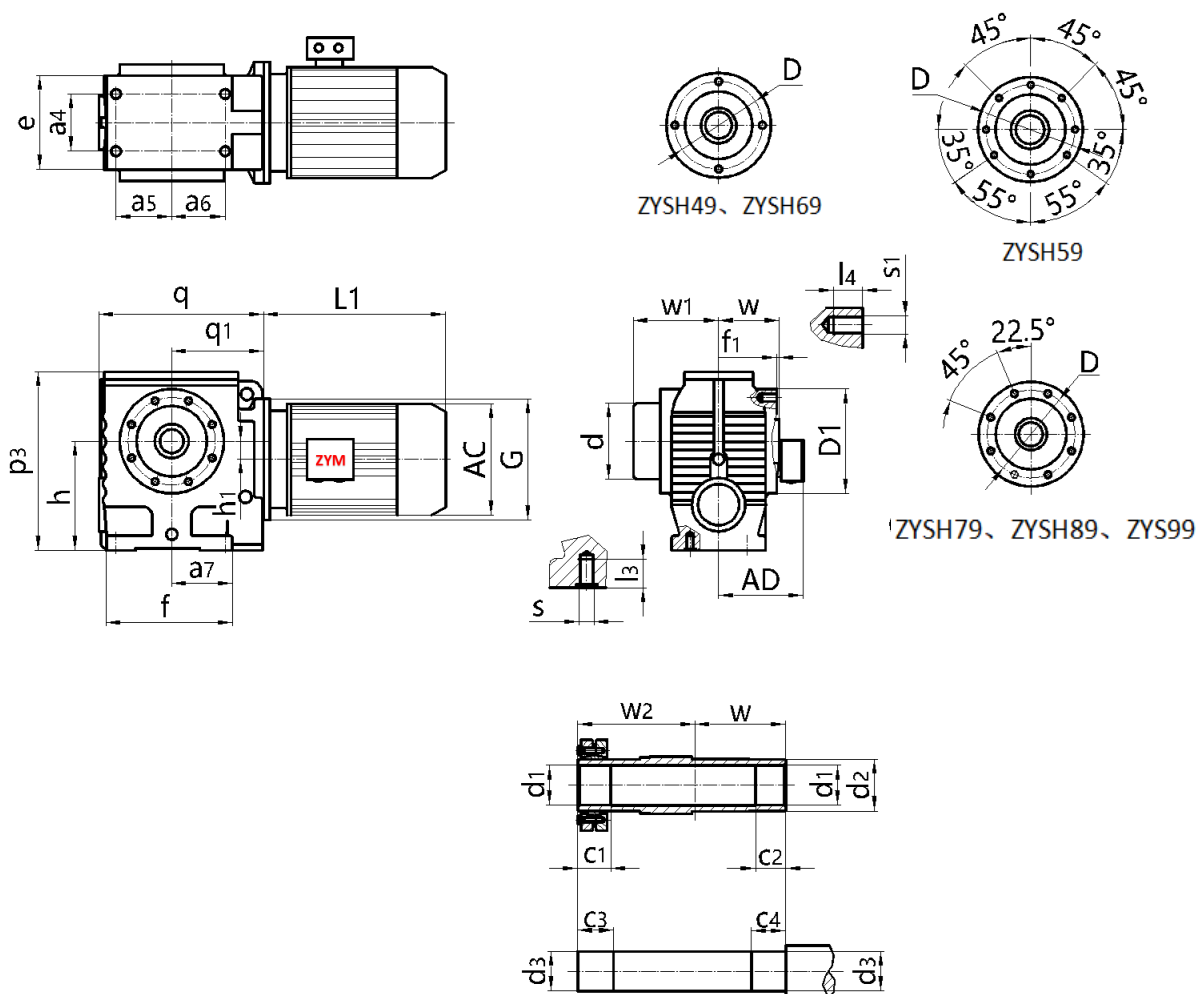
Note: See Appendix A-2 and A-3 for dimensions of direct-connected motors

安装结构尺寸

ZYSH49-99

Mounting Dimensional

Description ZYSH49-99



| 机 型 号 Type Size | q q1 | e a4 | a6 a5 | p3 a7 | h h1 | f f1 | w w1 | c1 c2 | c3 c4 | D D1 | d d1 | d2 d3 | s s1 | l3 l4 | w2 G | 电机尺寸 Motor Size | | |
|--------------------|---------|---------|----------|----------|---------|---------|---------|----------|----------|---------|---------|----------|---------|----------|---------|---|----|----|
| | | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYSH49 | 175 | 94 | 52 | 181 | 100-0.5 | 127 | 60 | 31 | 36 | Φ115 | Φ80 | Φ45 | M10 | 20 | 86 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| | 96 | 60 | 35 | 67 | 8 | 2.5 | 95 | 20 | 25 | Φ130 | Φ30H7 | Φ30h6 | M8 | 14 | Φ120 | | | |
| ZYSH59 | 191 | 100 | 58.5 | 191 | 112-0.5 | 146 | 75 | 32 | 37 | Φ102 | Φ88 | Φ50 | M10 | 20 | 102 | | | |
| | 107 | 60 | 58.5 | 73 | 20 | 3 | 110 | 20 | 25 | Φ120 | Φ35H7 | Φ35h6 | M8 | 15 | Φ120 | | | |
| ZYSH69 | 246 | 130 | 80.5 | 238 | 140-0.5 | 182 | 84 | 38 | 43 | Φ130 | Φ102 | Φ65 | M12 | 25 | 112 | | | |
| | 135 | 88 | 71.5 | 95.5 | 22 | 3.5 | 120 | 20 | 25 | Φ155 | Φ40H7 | Φ40h6 | M12 | 20 | Φ160 | | | |
| ZYSH79 | 292 | 156 | 85 | 304 | 180-0.5 | 204 | 105 | 36 | 41 | Φ155 | Φ127 | Φ80 | M16 | 32 | 136 | | | |
| | 162 | 102 | 85 | 104 | 34 | 4 | 146 | 30 | 35 | Φ178 | Φ50H7 | Φ50h6 | M12 | 21 | Φ200 | | | |
| ZYSH89 | 344 | 194 | 110 | 372 | 225-0.5 | 260 | 125 | 40 | 45 | Φ180 | Φ157 | Φ95 | M16 | 32 | 165 | | | |
| | 190 | 118 | 115 | 125 | 37.5 | 5 | 176 | 40 | 45 | Φ215 | Φ65H7 | Φ65h6 | M16 | 28 | Φ250 | | | |
| ZYSH99 | 425 | 236 | 113 | 460 | 280-1 | 301 | 145 | 55 | 60 | Φ220 | Φ171 | Φ120 | M20 | 37 | 190 | | | |
| | 240 | 160 | 135 | 140 | 52 | 5 | 204 | 50 | 55 | Φ260 | Φ75H7 | Φ75h6 | M16 | 28 | Φ300 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

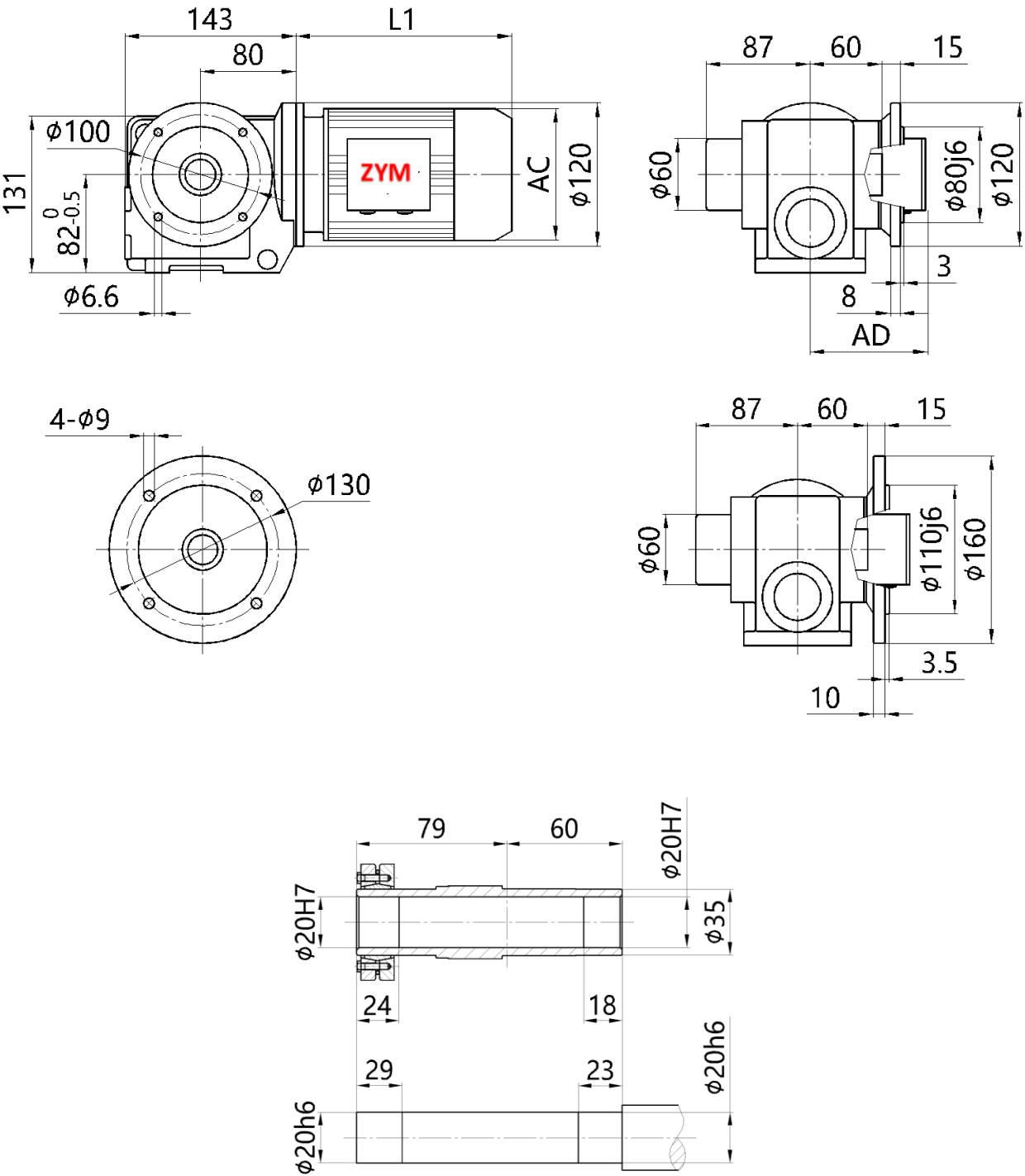
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYSHF39

Mounting Dimensional Description

ZYSHF39



注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

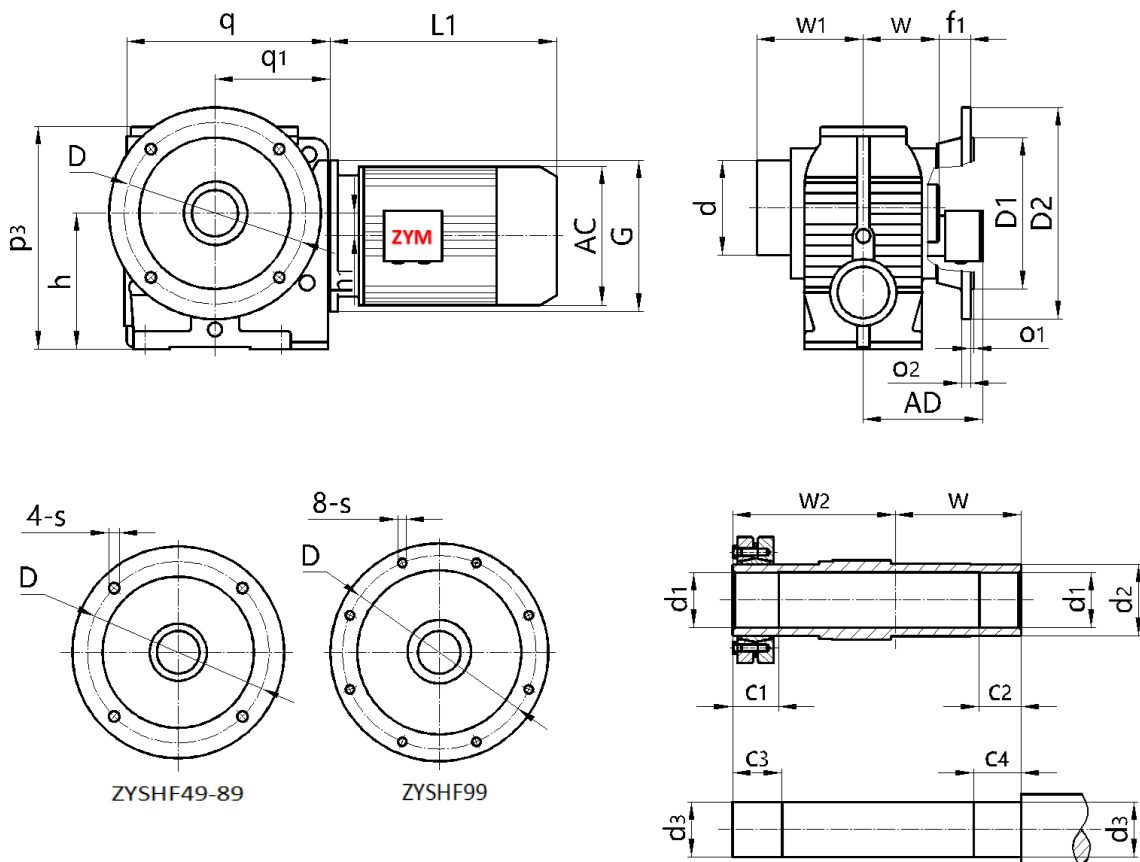
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

注：直联电机尺寸见附录 A-2 和 A-3

Note:See Appendix A-2 and A-3 for dimensions of direct-connected motors

安装结构尺寸 ZYSHF49-99

Mounting Dimensional Description ZYSHF49-99



| 机 型 号 Type Size | q q ₁ | h h ₁ | s D | o ₂ o ₁ | D2 D1 | w w ₁ | w ₂ c ₁ | c ₂ f ₁ | c ₃ c ₄ | d d ₁ | d ₂ d ₃ | p ₃ G | 电机尺寸 Motor Size | | |
|--------------------|---------------------|-----------------------------|---------------|----------------------------------|----------------|---------------------|----------------------------------|----------------------------------|----------------------------------|---------------------|----------------------------------|---------------------|---|----|----|
| | | | | | | | | | | | | | AC | AD | L1 |
| ZYSHF49 | 175 96 | 100 ^{-0.5} 8 | Φ9 Φ130 | 10 3.5 | Φ160 Φ110j6 | 60 95 | 86 31 | 20 24 | 36 25 | Φ80 Φ30H7 | Φ45 Φ30h6 | 181 Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYSHF59 | 191 107 | 112 ^{-0.5} 20 | Φ11 Φ165 | 12 3.5 | Φ200 Φ130j6 | 75 110 | 102 32 | 20 25 | 37 25 | Φ88 Φ35H7 | Φ50 Φ35h6 | 191 Φ120 | | | |
| ZYSHF69 | 246 135 | 140 ^{-0.5} 22 | Φ11 Φ165 | 12 3.5 | Φ200 Φ130j6 | 84 120 | 112 38 | 20 42.5 | 43 25 | Φ102 Φ40H7 | Φ65 Φ40h6 | 238 Φ160 | | | |
| ZYSHF79 | 292 162 | 180 ^{-0.5} 34 | Φ13.5 Φ215 | 15 4 | Φ250 Φ180j6 | 105 146 | 136 36 | 30 45.5 | 41 35 | Φ127 Φ50H7 | Φ80 Φ50h6 | 304 Φ200 | | | |
| ZYSHF89 | 344 190 | 225 ^{-0.5} 37.5 | Φ17.5 Φ300 | 15 5 | Φ350 Φ250h6 | 125 176 | 165 40 | 40 52.5 | 45 45 | Φ157 Φ65H7 | Φ95 Φ65h6 | 372 Φ250 | | | |
| ZYSHF99 | 425 240 | 280 ^{-1.0} 52 | Φ17.5 Φ400 | 17 5 | Φ450 Φ350h6 | 145 204 | 190 55 | 50 60 | 60 55 | Φ171 Φ75H7 | Φ120 Φ75h6 | 460 Φ300 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

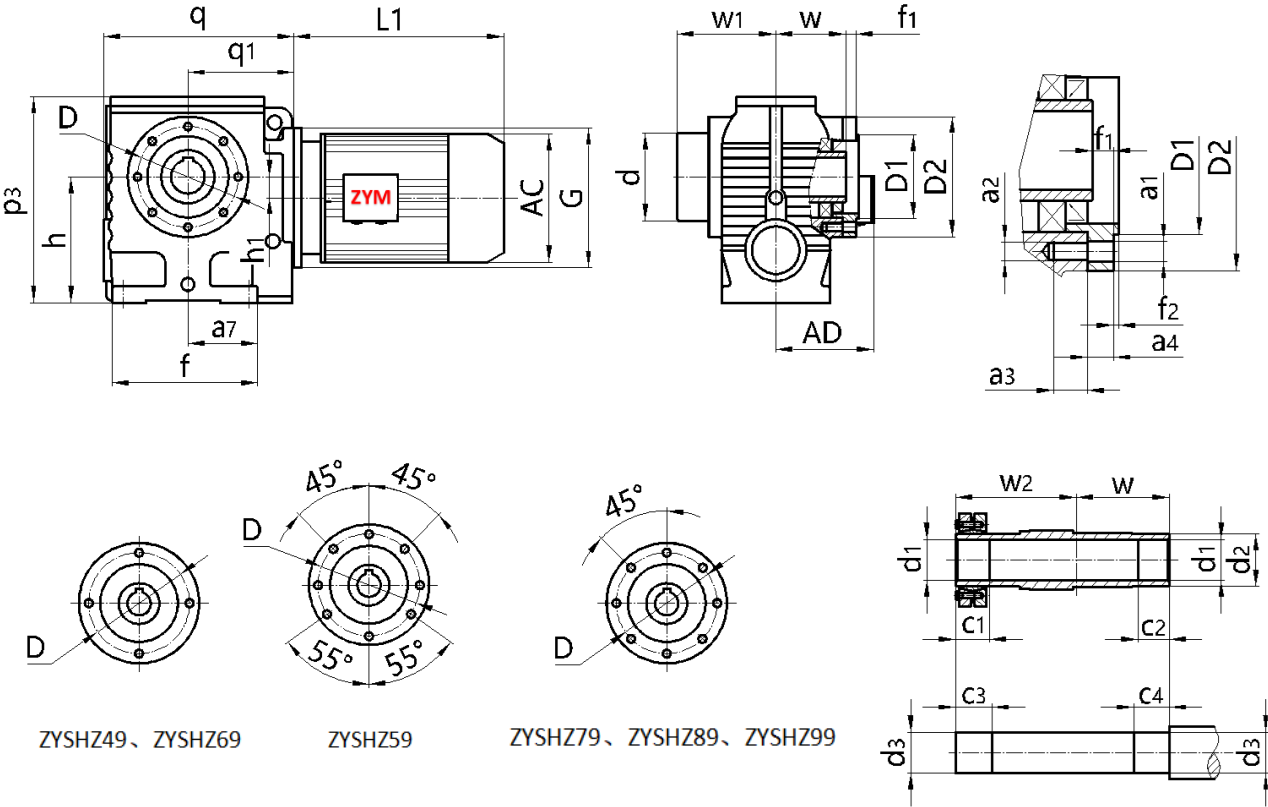
注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

ZYS 系列斜齿轮-蜗轮蜗杆减速电机

安装结构尺寸
ZYSHZ49-99

Mounting Dimensional Description
ZYSHZ49-99



ZYSHZ49、ZYSHZ69

ZYSHZ59

ZYSHZ79、ZYSHZ89、ZYSHZ99

| 机 型 号 Type Size | d | d ₃ | q | h | p ₃ | a ₇ | a ₂ | a ₃ | a ₄ | D1 | C1 | C3 | w | w ₂ | 电机尺寸 Motor Size | | |
|--------------------|----------------|----------------|----------------|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|----|----|
| | d ₁ | d ₂ | q ₁ | h ₁ | f | f ₂ | f ₁ | a ₁ | D | D2 | c ₂ | c ₄ | w ₁ | G | AC | AD | L1 |
| ZYSHZ49 | Φ80 Φ30H7 | Φ30h6 Φ45 | 175 96 | 100 ^{-0.5} 8 | 181 127 | 67 3 | M8 8.5 | 14 Φ9 | 11 Φ115 | Φ95j6 Φ130 | 31 20 | 36 25 | 60 95 | 86 Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYSHZ59 | Φ88 Φ35H7 | Φ35h6 Φ50 | 191 107 | 112 ^{-0.5} 20 | 191 146 | 73 3 | M8 8 | 15 Φ9 | 11 Φ102 | Φ80j6 Φ120 | 32 20 | 37 25 | 75 110 | 102 Φ120 | | | |
| ZYSHZ69 | Φ102 Φ40H7 | Φ40h6 Φ65 | 246 135 | 140 ^{-0.5} 22 | 238 182 | 95.5 3.5 | M12 9.5 | 20 Φ13 | 13 Φ130 | Φ105j6 Φ155 | 38 20 | 43 25 | 84 120 | 112 Φ160 | | | |
| ZYSHZ79 | Φ127 Φ50H7 | Φ50h6 Φ80 | 292 162 | 180 ^{-0.5} 34 | 304 204 | 104 4 | / 14.5 | / M12 | 18.5 Φ155 | Φ125j6 Φ178 | 36 30 | 41 35 | 105 146 | 136 Φ200 | | | |
| ZYSHZ89 | Φ157 Φ65H7 | Φ65h6 Φ95 | 344 190 | 225 ^{-0.5} 37.5 | 372 260 | 125 5 | / 18.5 | / M16 | 23.5 Φ180 | Φ150j6 Φ215 | 40 40 | 45 45 | 125 176 | 165 Φ250 | | | |
| ZYSHZ99 | Φ171 Φ75H7 | Φ75h6 Φ120 | 425 240 | 280 ^{-1.0} 52 | 460 301 | 140 5 | / 18.5 | / M16 | 23.5 Φ220 | Φ180j6 Φ260 | 55 50 | 60 55 | 145 204 | 190 Φ300 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

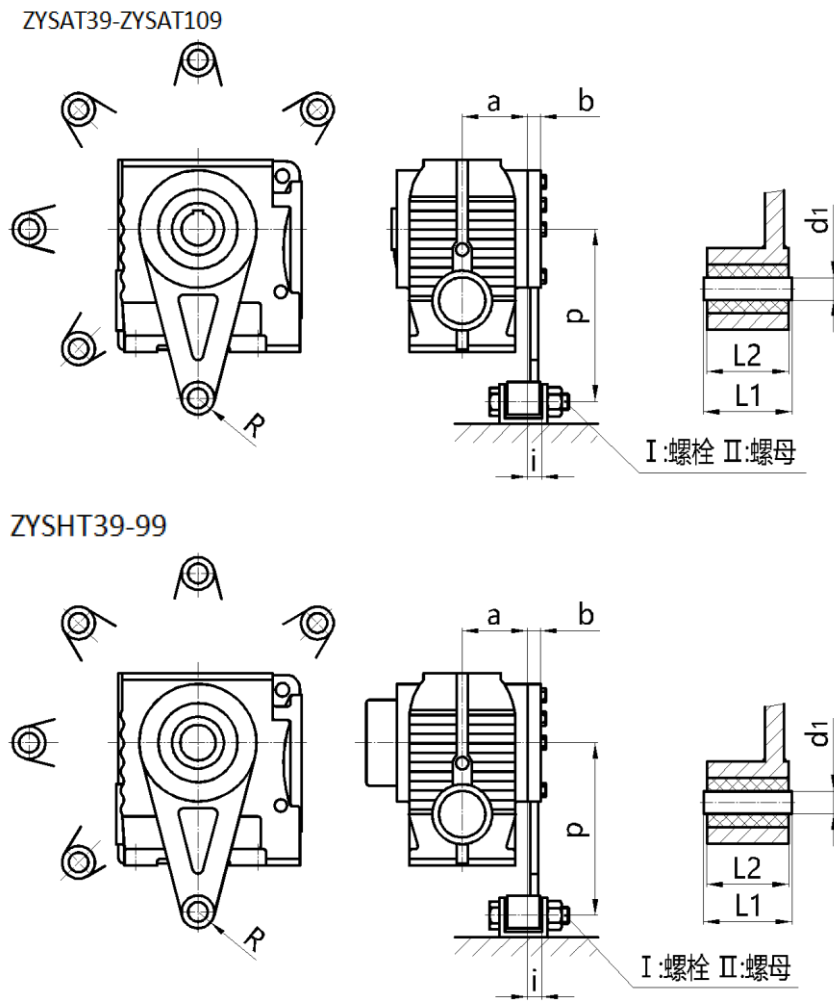
注：电机需方配或配特殊电机时需加联接法兰（见附录 D）
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYSAT39-109/ZYSHT39-99

Mounting Dimensional Description

ZYSAT39-109/ZYSHT39-99



| 机型号 Type Size | a | b | i | p | R | d ₁ | L ₁ ⁰ _{-0.3} | L ₂ |
|------------------|------|----|------|-----|----|--|---|----------------|
| ZYSAT39/ZYSHT39 | 57 | 10 | 26 | 110 | 21 | 10.4 ^{+0.1} _{-0.1} | 36 | 31 |
| ZYSAT49/ZYSHT49 | 57.5 | 15 | 20.5 | 130 | 21 | 10.4 ^{+0.1} _{-0.1} | 36 | 31 |
| ZYSAT59/ZYSHT59 | 72 | 15 | 18.5 | 160 | 21 | 10.4 ^{+0.1} _{-0.1} | 36 | 31 |
| ZYSAT69/ZYSHT69 | 80.5 | 18 | 19.5 | 200 | 21 | 10.4 ^{+0.1} _{-0.1} | 36 | 31 |
| ZYSAT79/ZYSHT79 | 101 | 18 | 32.5 | 250 | 30 | 16.4 ^{+0.08} _{-0.08} | 60 | 54 |
| ZYSAT89/ZYSHT89 | 120 | 24 | 25.5 | 310 | 30 | 16.4 ^{+0.08} _{-0.08} | 60 | 54 |
| ZYSAT99/ZYSHT99 | 140 | 26 | 33 | 380 | 40 | 25 ^{+0.08} _{-0.08} | 80 | 72 |
| ZYSAT109 | 162 | 24 | 49 | 430 | 40 | 25 ^{+0.08} _{-0.08} | 80 | 74 |

其它尺寸请按照 ZYSA/ZYSH 型。

注：I：螺栓 II：螺母，均用户自配。

For other dimensions, see the type ZYSA/ZYSH.

Note: bolts I and nuts II are prepared by customers.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

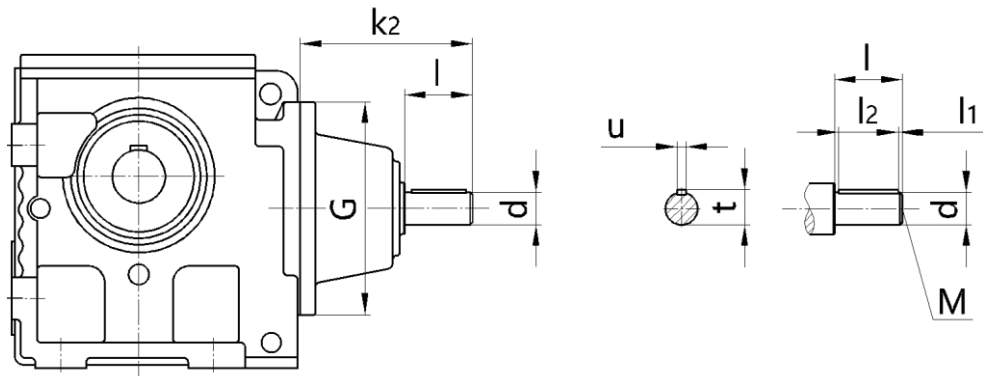
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYS..39-109AD1-6

Mounting Dimensional Description

ZYS..39-109AD1-6



| 机 型 号 Type Size | 规格 Specification | 适用功率范围(kW)/4P Range Power | d | G | k2 | l | M | l1 | l2 | t | u |
|--------------------|---------------------|------------------------------|------|------|-----|-----|-----|----|----|------|----|
| ZYS..39/49/59 | AD1 | 0.12-0.18 | 16k6 | Φ120 | 130 | 40 | M5 | 4 | 32 | 18 | 5 |
| | AD2 | 0.25-3 | 19k6 | Φ120 | 130 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| ZYS..69 | AD2 | 0.25-1.5 | 19k6 | Φ160 | 149 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-5.5 | 24k6 | Φ160 | 159 | 50 | M8 | 5 | 40 | 27 | 8 |
| ZYS..79 | AD2 | 0.25-1.5 | 19k6 | Φ200 | 184 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-4 | 24k6 | Φ200 | 194 | 50 | M8 | 5 | 40 | 27 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ200 | 224 | 80 | M12 | 5 | 70 | 41 | 10 |
| ZYS..89 | AD2 | 0.75-1.5 | 19k6 | Φ250 | 136 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-4 | 28k6 | Φ250 | 156 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ250 | 262 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-15 | 42k6 | Φ250 | 292 | 110 | M16 | 10 | 70 | 45 | 12 |
| ZYS..99 | AD3 | 1.5-4 | 28k6 | Φ300 | 194 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ300 | 214 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ300 | 327 | 110 | M16 | 10 | 70 | 45 | 12 |
| ZYS..109 | AD3 | 2.2-4 | 28k6 | Φ350 | 188 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ350 | 208 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ350 | 321 | 110 | M16 | 10 | 70 | 45 | 12 |
| | AD6 | 30 | 48k6 | Φ350 | 321 | 110 | M16 | 10 | 80 | 51.5 | 14 |

其它尺寸请参照ZBS 型。

注： 1. ZYSA/ZYSAF/ZYSF/ZYSAZ/ZYSH/ZYSHF/ZYSHZ 均可采用双轴型，并分别记为

Y..AD...、ZYSAF..AD...、ZYSF..AD...、ZYSAZ..AD...、ZYSH..AD...、

ZYSHF..AD..和ZYSHZ..AD..。

2.通过联轴器联接，可直接参考上表功率范围；若电机和减速机之间是通过其他极数电机、齿轮、链轮、皮带轮等传动方式联接，需客户自行转换。

For other dimensions, see the type ZYS.

Note: 1. Double shafts type is also available for type ZYSA/ZYSAF/ZYSF/ZYSAZ/ZYSH/ZYSHF/ZYSHZ, and these double shafts types are respectively named type ZYSA..AD...、ZYSAF..AD...、ZYSF..AD...、ZYSAZ..AD...、ZYSH..AD...、ZYSHF..AD..and ZYSHZ..AD..

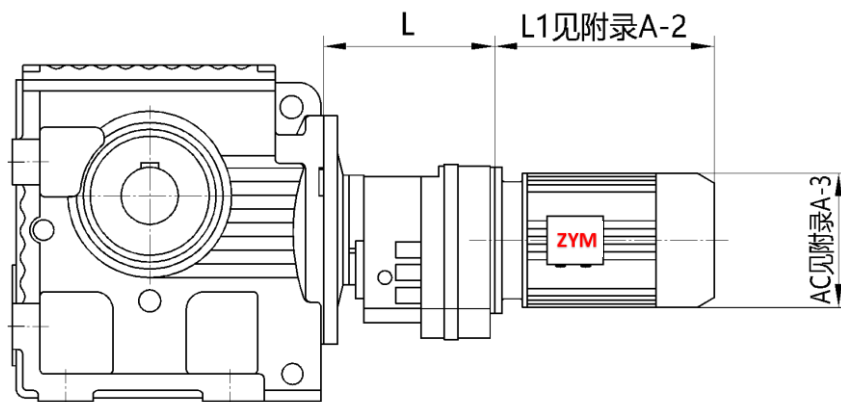
2. Applicable power refers to the input torque of 4 pole motor. If the connect way is coupling, can see the power range on the table directly, if the connect way is other pole motor, sprocket, belt pulley, need customers to convert by themselves.

安装结构尺寸

ZYS..R..

Mounting Dimensional Description

ZYS..R..



| 机型号 Type Size | 机座号 Frame Size | L |
|--------------------------|-------------------|-----|
| ZYS..39R19 | 63 | 135 |
| | 71 | |
| | 80 | |
| ZYS..49R19 ZYS..59R19 | 63 | 135 |
| | 71 | |
| | 80 | |
| ZYS..69R39 | 63 | 163 |
| | 71 | |
| | 80 | |
| ZYS..79R39 | 63 | 163 |
| | 71 | |
| | 80 | |
| | 90 | |
| ZYS..89R59 | 63 | 216 |
| | 71 | |
| | 80 | |
| | 90 | |
| | 100 | |
| ZYS..99R59 | 63 | 216 |
| | 71 | |
| | 80 | |
| | 90 | |
| | 100 | |
| | 112 | |
| ZYS..109R79 | 63 | 251 |
| | 71 | |
| | 80 | |
| | 90 | |
| | 100 | |
| | 112 | |
| | 132 | |

注：ZYSA/ZYSAF/ZYSF/ZYSAZ/ZYSH/ZYSHF/ZYSHZ 均可采用串联组合机型。

Note: Combined type is also available for type ZYSA/ZYSAF/ZYSF/ZYSAZ/ZYSH/ZYSHF/ZYSHZ.

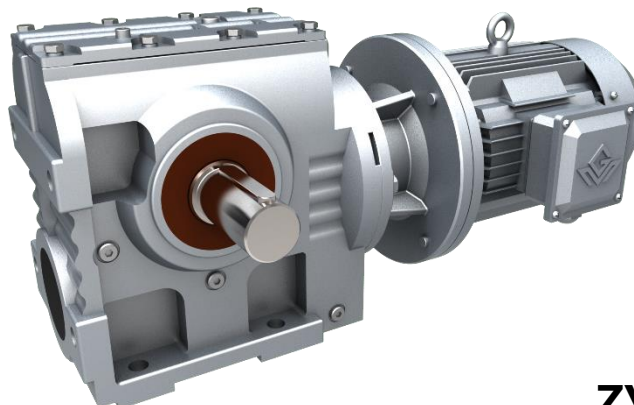
注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

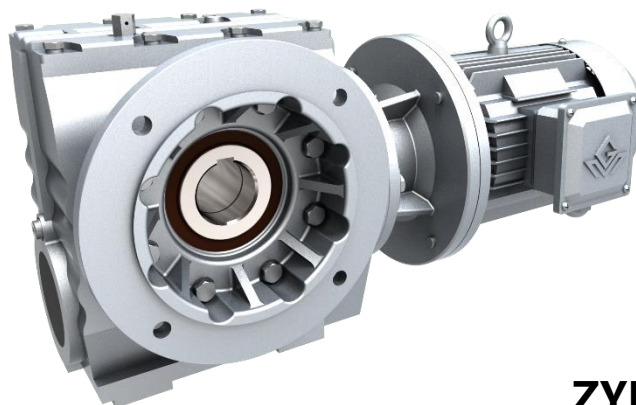
ZYK Series Helical-Bevel Geared Motors

ZYK
系列

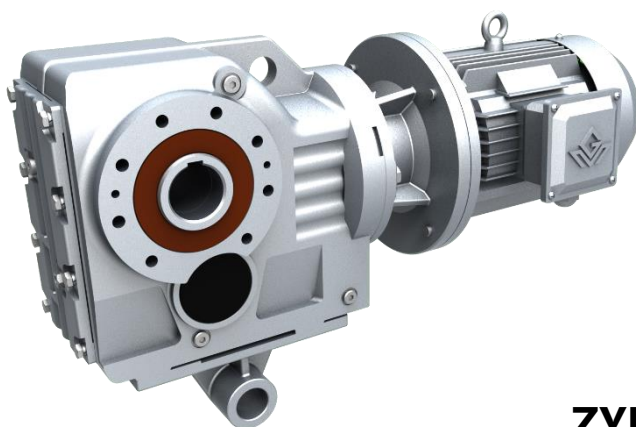
斜
齿
轮
—
锥
齿
轮
减
速
电
机



ZYK..



ZYKF..



ZYKA/T..

ZYK 系列

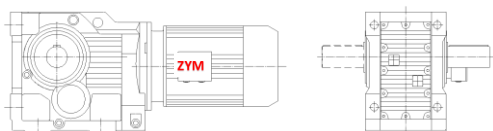
结构形式说明

ZYK 系列输出轴垂直于输入轴，由二级斜齿轮和一级弧齿锥齿轮构成。

Output shafts of ZYK series geared motors are vertical to input shafts. Each units consist of two stages helical gears and one stage bevel gears.

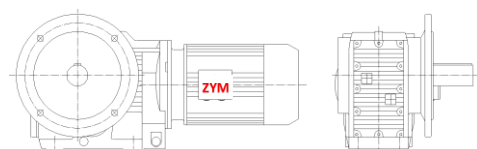
1.ZBK 型： 底脚安装，输出轴为实心轴。

Type ZBK: Foot mounted. Solid output shaft.



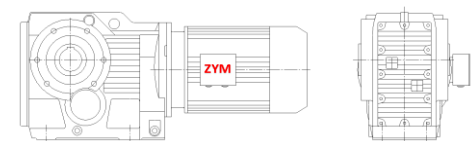
2.ZBK F 型： B5 法兰安装，输出轴为实心轴。

Type ZBK F: B5 flange-mounted. Solid output shaft.



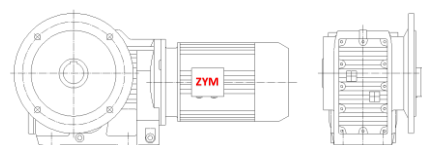
3.ZBK A 型： 轴装式，输出轴为空心轴。

Type ZBK A: Shaft mounted. Hollow output shaft.



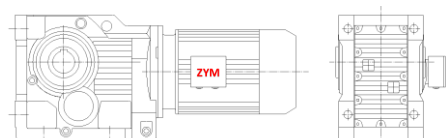
4.ZBK A F 型： B5 法兰安装，输出轴为空心轴。

Type ZBK A F: B5 flange-mounted. Hollow output shaft.



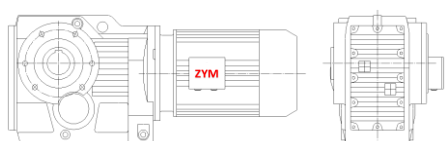
5.ZBK A B/ZBK H B 型： 用 ZBK 型箱体，输出轴为空心轴。

Type ZBK A B/ZBK H B: Housings of type ZBK are used. Hollow output shaft.



6.ZBK A Z 型： B14 法兰，空心轴安装。

Type ZBK A Z: B14 flange-mounted version with hollow shaft.

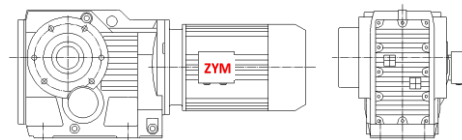


Type of ZYK Series

Dimensional Description

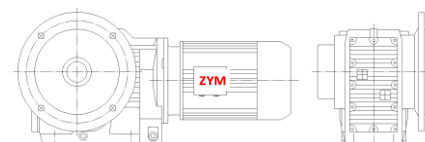
7.ZBK H 型： 空心轴锁紧盘安装。

Type ZBK H: Hollow shaft and shrink disk.



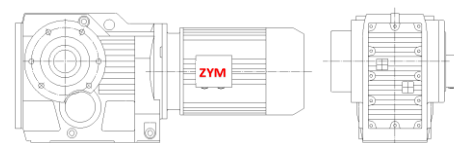
8.ZBK H F 型： B5 法兰，空心轴锁紧盘安装。

Type ZBK H F: B5 flange-mounted version with hollow shaft and shrink disk.



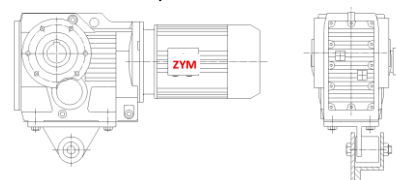
9.ZBK H Z 型： B14 法兰，空心轴锁紧盘安装。

Type ZBK H Z: B14 flange-mounted version with hollow shaft and shrink disk.



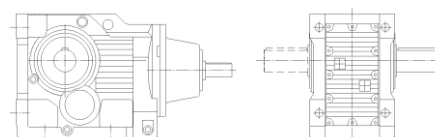
10.ZBK A T 型/ZBK H T 型： 防转臂安装

Type ZBK A T/ZBK H T: Torque arm mounted.



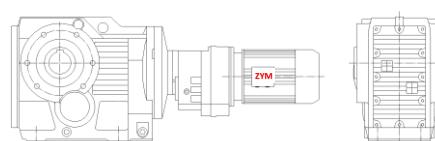
11.ZBK..AD

Type ZBK..AD..: Input shaft types.



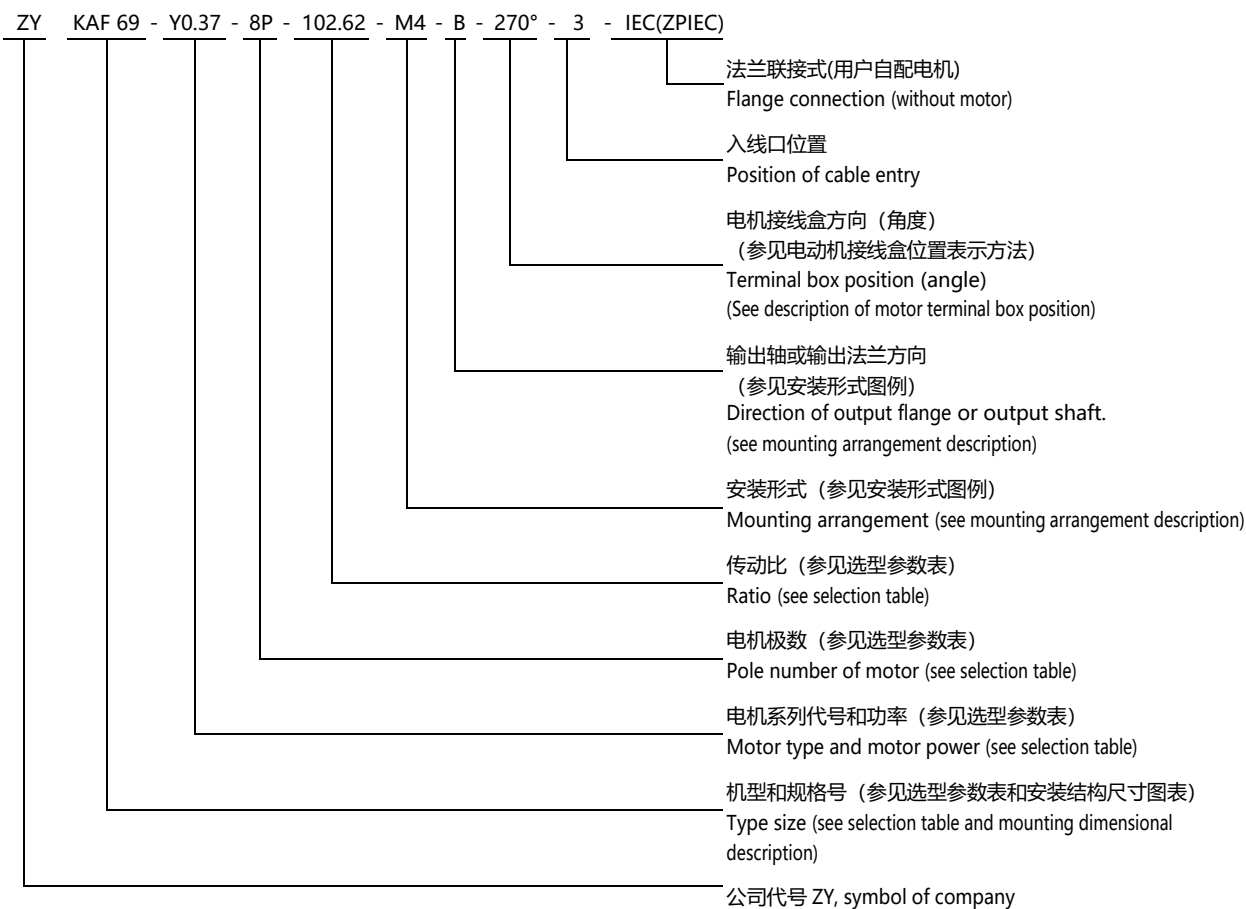
12.ZBK..R 型： ZBK 系列和 ZBR 系列的组合。

Type ZBK..R: Combined types of type ZBK and type ZBR.



型号表示方法

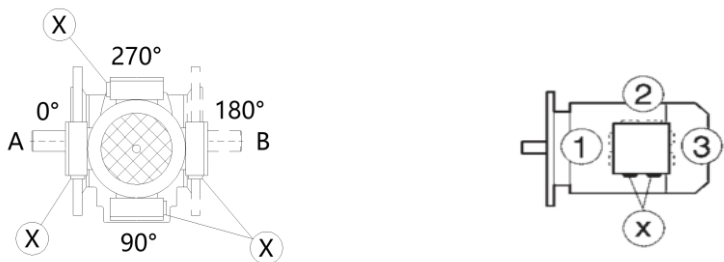
Type Expression of ZYK Series



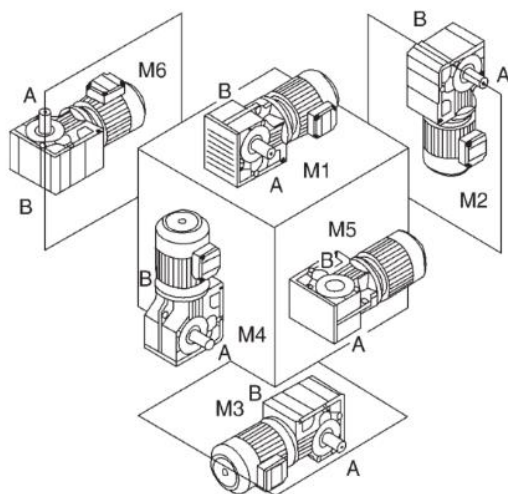
- 注: 1、需带联接法兰时请注明 IEC。
2、输入轴型没有电动机各项内容。
3、不注明减速机的安装形式时, 则默认为安装形式中的 M1 位置。不注明接线盒方向时, 则默认为安装形式中的 0 度位置。不注明入线口位置时, 则默认为 X 位置。
4、对输出轴旋转方向和输入轴旋转方向有特别要求的用户, 请与技术部联系, 并在订货时用简图或文字说明。
- Note: 1、Please make a note, if it needs connecting flange.
2、Contents of motors for input shaft types are not listed.
3、It is M1, When the mounting arrangement of the reducer is not mentioned. Degree=0°, if terminal box position is not mentioned. It is X, if cable entry position is not mentioned.
4、If specific rotation directions of output shaft or/and input shaft are specially requested, please contact our technology department, and make detailed description while placing order.

电机接线盒位置及入线口位置表示方法

Description of Motor Terminal Box Position and Cable Entry Position



安装形式图例



安装形式定义:

M1-电机水平放置; 减速机底脚朝下。

M2-电机居下。

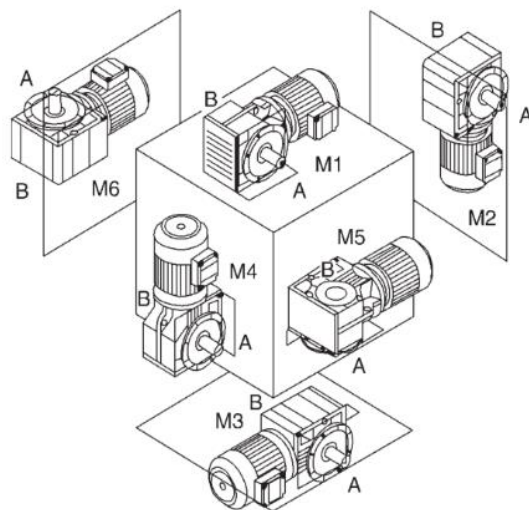
M3-电机水平放置; 减速机底脚朝上。

M4-电机居上。

M5-电机水平放置; 当减速机在 M1 安装位置时, 从电机方向看, 减速机的左面旋转到下方位置。

M6-电机水平放置; 当减速机在 M1 安装位置时, 从电机方向看, 减速机的左面旋转到上方位置。

Mounting Arrangements Description



Mounting arrangements are defined as following:

M1-horizontally mounted motor,unit base is at bottom.

M2-motor is vertically mounted downwards.

M3-horizontally mounted motor,unit base is top.

M4-motor is vertically mounted upwards.

M5-horizontally mounted motor,if placed on M1 position,left side of unit turns to bottom(view point:towards from motor side).

M6-horizontally mounted motor,if placed on M1 position,left side of unit turns to top(view point:towards from motor side).

减速机重量

| 机型号 Type size | ZYK39 | ZYK49 | ZYK59 | ZYK69 | ZYK79 | ZYK89 | ZYK99 | ZYK109 | ZYK129 | ZYK159 | ZYK169 | ZYK189 |
|------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 重量(kg) Weight | 14 | 21 | 28 | 32 | 54 | 93 | 153 | 270 | 403 | 630 | 1122 | 1630 |

注:重量为平均值, 不包括电机、联接法兰, 仅供参考。

(Note: The weights mean values without the motor and IEC flange, only for reference.)

Gear Unit Weight

选型参数表注释

恒功率 Constant power

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|----------------------|-----------------------|--------------|-----------------------------------|------------------------|------------------|------------|
| ↓ | ↓ | ↓ | ↓ | ↓ | | |
| 输出转速 Output speed | 输出转矩 Output torque | 减速比 Ratio | 许用径向载荷 Permissible radial load | 使用系数 Service factor | | |

Description of Selection Table

恒转矩 Constant torque

| M_{max} [Nm] | n_a [r/min] | i | F_{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|-----------------------------|----------------------|--------------|-----------------------------------|------------------|---------------------|
| ↓ | ↓ | ↓ | ↓ | | |
| 最大输出转矩 Max.output torque | 输出转速 Output speed | 减速比 ratio | 许用径向载荷 Permissible radial load | | 电机功率 Motor power |

选型参数表

(恒功率) 0.12kW

Selection Table

(Constant Power) 0.12kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 0.12kW | | | | | | | 0.12kW | | | | | | |
| 0.07 | 13856 | 17550 | 76 | 1.00 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | 4P | 1.42 | 726 | 920 | 19 | 2.25 | ZYK79R39 | 4P |
| 0.08 | 12637 | 16006 | 76 | 1.10 | | | 1.61 | 641 | 812 | 19 | 2.55 | ZYKF79R39 | |
| 0.09 | 11823 | 14975 | 77 | 1.20 | | | 1.86 | 557 | 706 | 19 | 2.95 | ZYKA79R39 | |
| 0.11 | 9822 | 12440 | 77 | 1.40 | | | 2.11 | 489 | 620 | 19 | 3.35 | ZYKAF79R39 | |
| 0.12 | 8617 | 10914 | 78 | 1.60 | | | 0.97 | 1067 | 1351 | 8.8 | 0.80 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 4P |
| 0.13 | 7752 | 9819 | 78 | 1.80 | | | 1.1 | 925 | 1171 | 10 | 0.95 | | |
| 0.16 | 6666 | 8443 | 78 | 2.10 | | | 1.3 | 816 | 1034 | 11 | 1.05 | | |
| 0.18 | 5908 | 7483 | 78 | 2.40 | | | 1.5 | 713 | 903 | 11 | 1.20 | | |
| 0.09 | 11299 | 14311 | 62 | 0.80 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P | 1.7 | 626 | 793 | 12 | 1.40 | | |
| 0.11 | 9641 | 12211 | 62 | 0.90 | | | 1.9 | 550 | 697 | 12 | 1.60 | | |
| 0.12 | 8430 | 10678 | 62 | 1.00 | | | 2.1 | 484 | 613 | 12 | 1.80 | | |
| 0.14 | 7519 | 9524 | 62 | 1.15 | | | 2.4 | 428 | 542 | 12 | 2.05 | | |
| 0.16 | 6575 | 8328 | 62 | 1.30 | | | 2.8 | 372 | 471 | 12 | 2.35 | | |
| 0.18 | 5739 | 7269 | 62 | 1.45 | | | 3.1 | 332 | 420 | 12 | 2.60 | | |
| 0.21 | 4882 | 6184 | 62 | 1.75 | | | 3.6 | 285 | 361 | 12 | 3.05 | | |
| 0.23 | 4470 | 5662 | 62 | 1.90 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P | 4.1 | 255 | 323 | 12 | 3.40 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 4P |
| 0.25 | 4057 | 5138 | 62 | 2.10 | | | 4.7 | 220 | 279 | 12 | 3.95 | | |
| 0.30 | 3442 | 4360 | 62 | 2.50 | | | 5.3 | 194 | 246 | 12 | 4.50 | | |
| 0.16 | 6360 | 8055 | 38 | 0.80 | | | 6.0 | 171 | 217 | 12 | 5.10 | | |
| 0.19 | 5502 | 6969 | 38 | 0.85 | | | 1.4 | 715 | 906 | 7.4 | 0.90 | | |
| 0.22 | 4758 | 6027 | 38 | 0.95 | | | 1.6 | 636 | 806 | 7.8 | 1.00 | | |
| 0.24 | 4257 | 5392 | 38 | 1.05 | | | 1.9 | 552 | 699 | 8.3 | 1.15 | | |
| 0.28 | 3686 | 4669 | 38 | 1.25 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P | 2.1 | 486 | 615 | 8.5 | 1.30 | | |
| 0.32 | 3222 | 4081 | 38 | 1.40 | | | 2.4 | 429 | 544 | 8.7 | 1.50 | | |
| 0.37 | 2829 | 3583 | 38 | 1.60 | | | 2.8 | 373 | 473 | 8.8 | 1.70 | | |
| 0.42 | 2454 | 3108 | 38 | 1.85 | | | 3.1 | 332 | 421 | 8.9 | 1.90 | | |
| 0.48 | 2176 | 2756 | 38 | 2.10 | | | 3.6 | 286 | 362 | 9.0 | 2.25 | | |
| 0.54 | 1910 | 2419 | 38 | 2.50 | | | 4.1 | 252 | 319 | 9.1 | 2.55 | | |
| 0.62 | 1676 | 2123 | 38 | 2.70 | | | 4.7 | 221 | 280 | 9.2 | 2.90 | | |
| 0.71 | 1465 | 1856 | 38 | 3.10 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 4P | 5.3 | 194 | 246 | 9.3 | 3.30 | ZYK49R39 ZYKF49R39 ZYKA49R39 ZYKAF49R39 | 4P |
| 0.81 | 1283 | 1625 | 38 | 3.55 | | | 6.1 | 170 | 215 | 9.3 | 3.75 | | |
| 0.92 | 1129 | 1430 | 38 | 4.05 | | | 6.8 | 152 | 192 | 9.4 | 4.20 | | |
| 1.04 | 996 | 1261 | 38 | 4.60 | | | 2.1 | 505 | 639 | 2.4 | 0.85 | | |
| 1.19 | 870 | 1102 | 38 | 5.25 | | | 2.4 | 436 | 552 | 6.0 | 0.95 | | |
| 0.25 | 4136 | 5239 | 25 | 0.80 | | | 2.6 | 391 | 495 | 6.6 | 1.10 | | |
| 0.29 | 3602 | 4562 | 26 | 0.80 | | | 3.1 | 336 | 426 | 6.9 | 1.25 | | |
| 0.32 | 3187 | 4037 | 26 | 0.90 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 4P | 3.5 | 296 | 375 | 7.2 | 1.45 | ZYK39R19 ZYKF39R19 ZYKA39R19 ZYKAF39R19 | 4P |
| 0.36 | 2849 | 3609 | 26 | 1.00 | | | 4.0 | 258 | 327 | 7.3 | 1.65 | | |
| 0.42 | 2452 | 3106 | 27 | 1.15 | | | 4.5 | 228 | 289 | 7.4 | 1.85 | | |
| 0.48 | 2154 | 2728 | 27 | 1.35 | | | 3.8 | 273 | 346 | 4.6 | 0.80 | | |
| 0.55 | 1872 | 2371 | 27 | 1.55 | | | 4.3 | 240 | 304 | 5.4 | 0.90 | | |
| 0.63 | 1648 | 2087 | 27 | 1.75 | | | 4.9 | 211 | 267 | 5.5 | 1.00 | | |
| 0.71 | 1464 | 1854 | 27 | 1.95 | | | 5.6 | 185 | 234 | 5.8 | 1.15 | | |
| 0.79 | 1309 | 1658 | 27 | 2.20 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 4P | 6.4 | 162 | 205 | 5.9 | 1.30 | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 6P* |
| 0.93 | 1117 | 1415 | 27 | 2.55 | | | 7.2 | 143 | 181 | 6.0 | 1.50 | | |
| 1.07 | 970 | 1229 | 27 | 2.95 | | | 8.2 | 126 | 160 | 6.1 | 1.70 | | |
| 1.22 | 851 | 1078 | 27 | 3.35 | | | 9.6 | 107 | 136 | 6.2 | 2.00 | | |
| 1.38 | 751 | 951 | 28 | 3.80 | | | 5.9 | 185 | 144.79 | 12 | 4.40 | | |
| 1.57 | 661 | 837 | 28 | 4.35 | | | 5.9 | 186 | 145.15 | 9.2 | 3.20 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 6P* |
| 1.80 | 573 | 726 | 28 | 5.00 | | | 6.9 | 159 | 123.85 | 9.3 | 3.80 | | |
| 0.48 | 2136 | 2706 | 13 | 0.80 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 4P | 7.8 | 139 | 108.29 | 9.3 | 4.30 | | |
| 0.56 | 1863 | 2360 | 15 | 0.90 | | | 8.3 | 132 | 102.88 | 9.3 | 4.60 | | |
| 0.64 | 1611 | 2041 | 16 | 1.00 | | | 9.4 | 116 | 90.26 | 9.4 | 5.20 | | |
| 0.74 | 1393 | 1764 | 17 | 1.15 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 4P | 11 | 98 | 76.56 | 9.4 | 6.20 | | |
| 0.87 | 1191 | 1508 | 17 | 1.35 | | | | | | | | | |
| 0.95 | 1091 | 1382 | 18 | 1.50 | | | | | | | | | |
| 1.08 | 958 | 1213 | 18 | 1.70 | | | | | | | | | |
| 1.25 | 827 | 1048 | 18 | 1.95 | | | | | | | | | |

*0.12kW (6P) 电机需特制。*0.12kW motor of 6 poles needs to be specially requested and then manufactured.

选型参数表

(恒功率) 0.12kW-0.18kW

Selection Table

(Constant Power) 0.12kW-0.18kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|------|--|--|--|------------|----|
| 0.12kW | | | | | | | 0.18kW | | | | | | | |
| 9 | 121 | 145.15 | 9.4 | 5.00 | ZYK59 | 4P | 0.28 | 5529 | 4669 | 38 | 0.85 | ZYK99R59 | 4P | |
| 11 | 103 | 123.85 | 9.4 | 5.80 | ZYKF59 | | 0.32 | 4833 | 4081 | 38 | 0.95 | ZYKF99R59 | | |
| 12 | 90 | 108.29 | 9.5 | 6.70 | ZYKA59 | | 0.37 | 4243 | 3583 | 38 | 1.10 | ZYKA99R59 | | |
| 13 | 86 | 102.88 | 9.5 | 7.00 | ZYKAF59 | | 0.42 | 3681 | 3108 | 38 | 1.25 | ZYKAF99R59 | | |
| 15 | 75 | 90.26 | 9.5 | 8.00 | | | 0.48 | 3264 | 2756 | 38 | 1.40 | | | |
| 6.4 | 169 | 131.87 | 7.5 | 2.40 | ZYK49 | 6P * | 0.54 | 2865 | 2419 | 38 | 1.60 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYAF99R59 | 4P | |
| 7.0 | 156 | 121.48 | 7.6 | 2.60 | ZYKF49 | | 0.62 | 2514 | 2123 | 38 | 1.80 | | | |
| 8.1 | 134 | 104.37 | 7.7 | 3.00 | ZYKA49 | | 0.71 | 2198 | 1856 | 38 | 2.10 | | | |
| | | | | | ZYKAF49 | | 0.81 | 1924 | 1625 | 38 | 2.35 | | | |
| 9.9 | 110 | 131.87 | 7.7 | 3.70 | ZYK49 | 0.92 | 1694 | 1430 | 38 | 2.70 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | | | 4P |
| 11 | 101 | 121.48 | 7.8 | 4.00 | ZYKF49 | 1.04 | 1493 | 1261 | 38 | 3.05 | | | | |
| | | | | | ZYKA49 | 1.19 | 1305 | 1102 | 38 | 3.50 | | | | |
| | | | | | ZYKAF49 | 1.37 | 1133 | 957 | 38 | 4.05 | | | | |
| 8.0 | 136 | 106.38 | 5.9 | 1.50 | ZYK39 | 1.53 | 1013 | 855 | 38 | 4.50 | | | | |
| 8.7 | 125 | 97.81 | 6.0 | 1.60 | ZYKF39 | 1.76 | 880 | 743 | 38 | 5.20 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | | | 4P |
| 10 | 107 | 83.69 | 6.1 | 1.90 | ZYKA39 | 2.01 | 771 | 651 | 38 | 5.90 | | | | |
| 12 | 93 | 72.54 | 6.2 | 2.20 | ZYKAF39 | 0.42 | 3678 | 3106 | 25 | 0.80 | | | | |
| 12 | 88 | 106.38 | 6.2 | 2.30 | | 0.48 | 3231 | 2728 | 26 | 0.90 | | | | |
| 13 | 81 | 97.81 | 6.2 | 2.50 | | 0.55 | 2808 | 2371 | 26 | 1.00 | | | | |
| 16 | 70 | 83.69 | 6.2 | 2.90 | | 0.63 | 2472 | 2087 | 26 | 1.15 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 4P | | |
| 18 | 60 | 72.54 | 6.3 | 3.30 | | 0.71 | 2196 | 1854 | 27 | 1.30 | | | | |
| 19 | 56 | 67.80 | 6.3 | 3.50 | | 0.79 | 1964 | 1658 | 27 | 1.45 | | | | |
| 22 | 49 | 58.60 | 6.1 | 4.10 | | 0.93 | 1676 | 1415 | 27 | 1.70 | | | | |
| 26 | 41 | 49.79 | 5.8 | 4.80 | | 1.1 | 1455 | 1229 | 27 | 1.95 | | | | |
| 29 | 37 | 44.46 | 5.6 | 5.40 | ZYK39 | 1.2 | 1277 | 1078 | 27 | 2.25 | | | | |
| 35 | 32 | 37.97 | 5.4 | 6.30 | ZYKF39 | 1.4 | 1126 | 951 | 27 | 2.55 | | | | |
| 37 | 30 | 35.57 | 5.3 | 6.80 | ZYKA39 | 1.6 | 991 | 837 | 27 | 2.90 | | | | |
| 44 | 25 | 29.96 | 5.0 | 8.00 | ZYKAF39 | 1.8 | 860 | 726 | 27 | 3.35 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 4P | | |
| 45 | 24 | 28.83 | 4.9 | 8.40 | | 0.87 | 1786 | 1508 | 14 | 0.90 | | | | |
| 52 | 21 | 24.99 | 4.7 | 9.60 | | 0.95 | 1637 | 1382 | 15 | 1.00 | | | | |
| 56 | 19 | 23.36 | 4.6 | 10 | | 1.1 | 1437 | 1213 | 16 | 1.15 | | | | |
| 65 | 17 | 20.19 | 4.4 | 11 | | 1.3 | 1241 | 1048 | 17 | 1.30 | | | | |
| 76 | 14 | 17.15 | 4.2 | 13 | | 1.4 | 1090 | 920 | 17 | 1.50 | | | | |
| 86 | 13 | 15.32 | 4.1 | 14 | | 1.6 | 962 | 812 | 18 | 1.70 | | | | |
| 100 | 11 | 13.08 | 3.9 | 15 | | 1.9 | 836 | 706 | 18 | 1.95 | | | | |
| 108 | 10 | 12.14 | 3.8 | 16 | | 2.1 | 734 | 620 | 18 | 2.25 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 4P | | |
| | | | | | | 2.4 | 651 | 550 | 19 | 2.50 | | | | |
| | | | | | | 2.7 | 572 | 483 | 19 | 2.85 | | | | |
| | | | | | | 3.1 | 505 | 426 | 19 | 3.25 | | | | |
| | | | | | | 3.6 | 433 | 366 | 19 | 3.75 | | | | |
| | | | | | | 1.5 | 1069 | 903 | 5.4 | 0.80 | | | | |
| | | | | | | 1.7 | 939 | 793 | 9.1 | 0.95 | | | | |
| | | | | | | 1.9 | 825 | 697 | 10 | 1.05 | | | | |
| 0.09 | 17734 | 14975 | 70 | 0.80 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | 4P | 2.1 | 726 | 613 | 11 | 1.20 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P | |
| 0.11 | 14732 | 12440 | 75 | 0.95 | | | 2.4 | 642 | 542 | 11 | 1.35 | | | |
| 0.12 | 12925 | 10914 | 76 | 1.10 | | | 2.8 | 558 | 471 | 12 | 1.55 | | | |
| 0.13 | 11628 | 9819 | 76 | 1.20 | | | 3.1 | 497 | 420 | 12 | 1.75 | | | |
| 0.16 | 9999 | 8443 | 77 | 1.40 | | | 3.6 | 428 | 361 | 12 | 2.05 | | | |
| 0.18 | 8862 | 7483 | 77 | 1.60 | | | 4.1 | 383 | 323 | 12 | 2.25 | | | |
| 0.20 | 7775 | 6565 | 78 | 1.80 | | | 4.7 | 330 | 279 | 12 | 2.65 | | | |
| 0.23 | 6874 | 5804 | 78 | 2.00 | | | 2.1 | 728 | 615 | 5.3 | 0.90 | | | |
| 0.26 | 5953 | 5027 | 78 | 2.35 | 2.4 | 644 | 544 | 7.4 | 1.00 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 4P | | | |
| 0.30 | 5238 | 4423 | 78 | 2.70 | 2.8 | 560 | 473 | 7.9 | 1.15 | | | | | |
| 0.34 | 4606 | 3889 | 78 | 3.00 | 3.1 | 499 | 421 | 8.2 | 1.30 | | | | | |
| 0.40 | 3921 | 3311 | 78 | 3.55 | 3.6 | 429 | 362 | 8.5 | 1.50 | | | | | |
| 0.16 | 9863 | 8328 | 62 | 0.85 | 4.1 | 378 | 319 | 8.6 | 1.70 | | | | | |
| 0.18 | 8608 | 7269 | 62 | 1.00 | 4.7 | 332 | 280 | 8.8 | 1.90 | | | | | |
| 0.21 | 7324 | 6184 | 62 | 1.15 | 5.3 | 291 | 246 | 8.9 | 2.20 | | | | | |
| 0.23 | 6705 | 5662 | 62 | 1.25 | 6.1 | 255 | 215 | 9.1 | 2.50 | | | | | |
| 0.25 | 6085 | 5138 | 62 | 1.40 | | | | | | | | | | |
| 0.30 | 5163 | 4360 | 62 | 1.65 | | | | | | | | | | |
| 0.34 | 4513 | 3811 | 62 | 1.90 | | | | | | | | | | |
| 0.39 | 3977 | 3358 | 62 | 2.15 | | | | | | | | | | |
| 0.44 | 3526 | 2977 | 62 | 2.40 | | | | | | | | | | |
| 0.50 | 3077 | 2598 | 62 | 2.75 | | | | | | | | | | |
| 0.57 | 2707 | 2286 | 62 | 3.15 | | | | | | | | | | |

*0.12kW (6P) 电机需特制。*0.12kW motor of 6 poles needs to be specially requested and then manufactured.

ZYK 系列斜齿轮-锥齿轮减速电机

选型参数表

(恒功率) 0.18kW-0.25kW

Selection Table

(Constant Power) 0.18kW-0.25kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|-------|-------------------------|--|--|------------|--|----|
| 0.18kW | | | | | | | 0.18kW | | | | | | | | |
| 6.8 | 227 | 192 | 9.1 | 2.80 | ZYK59R39 | 4P | 44 | 37 | 29.96 | 5.0 | 5.10 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | | |
| 7.9 | 197 | 166 | 9.2 | 3.25 | ZYKF59R39 | | 45 | 36 | 28.83 | 4.9 | 5.30 | | | | |
| | | | | | ZYKA59R39 | | 52 | 31 | 24.99 | 4.7 | 6.20 | | | | |
| | | | | | ZYKAF59R39 | | 56 | 29 | 23.36 | 4.6 | 6.40 | | | | |
| 3.5 | 444 | 375 | 5.6 | 0.95 | ZYK49R39 ZYKF49R39 ZYKA49R39 ZYKAF49R39 | 4P | 65 | 25 | 20.19 | 4.4 | 7.00 | | | | |
| 4.0 | 387 | 327 | 6.1 | 1.10 | | | 76 | 21 | 17.15 | 4.2 | 8.10 | | | | |
| 4.5 | 342 | 289 | 6.6 | 1.25 | | | 86 | 19 | 15.32 | 4.1 | 8.80 | | | | |
| 5.1 | 303 | 256 | 6.9 | 1.40 | | | 100 | 16 | 13.08 | 3.9 | 9.70 | | | | |
| 5.8 | 266 | 225 | 7.1 | 1.60 | | | 108 | 15 | 12.14 | 3.8 | 10 | | | | |
| 6.6 | 234 | 198 | 7.3 | 1.80 | | | 125 | 13 | 10.49 | 3.6 | 12 | | | | |
| 7.7 | 203 | 171 | 7.5 | 2.10 | | | 147 | 11 | 8.91 | 3.4 | 14 | | | | |
| 8.6 | 181 | 153 | 7.6 | 2.35 | | | 165 | 9.9 | 7.96 | 3.3 | 15 | | | | |
| 10 | 155 | 131 | 7.6 | 2.75 | | | | | | | | | | | |
| 6.4 | 243 | 205 | 5.0 | 0.85 | ZYK39R19 | 4P | 0.25kW | | | | | | | | |
| 7.2 | 214 | 181 | 5.4 | 1.00 | ZYKF39R19 | | 0.14 | 16151 | 9819 | 72 | 0.85 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | 4P | | |
| 8.2 | 189 | 160 | 5.6 | 1.10 | ZYKA39R19 | | 0.16 | 13887 | 8443 | 75 | 1.00 | | | | |
| 9.6 | 161 | 136 | 5.8 | 1.30 | ZYKAF39R19 | | 0.18 | 12308 | 7483 | 76 | 1.15 | | | | |
| 10 | 150 | 127 | 5.9 | 1.40 | | 0.20 | 10798 | 6565 | 77 | 1.30 | | | | | |
| 9.0 | 171 | 144.79 | 12 | 2.90 | ZYK69 | 0.23 | 9547 | 5804 | 77 | 1.45 | | | | | |
| 11 | 146 | 123.54 | 12 | 3.40 | ZYKF69 | 0.26 | 8269 | 5027 | 78 | 1.70 | | | | | |
| 12 | 128 | 108.03 | 12 | 3.80 | ZYKA69 | 0.30 | 7275 | 4423 | 78 | 1.95 | | | | | |
| 13 | 122 | 102.62 | 12 | 4.00 | ZYKAF69 | 0.34 | 6397 | 3889 | 78 | 2.20 | | | | | |
| 9.0 | 180 | 144.79 | 12 | 4.30 | ZYK69 | 4P | 0.40 | 5446 | 3311 | 78 | 2.55 | | | | |
| 11 | 154 | 123.54 | 12 | 5.10 | ZYKF69 | | 0.22 | 10019 | 6184 | 62 | 0.85 | | | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P |
| 12 | 135 | 108.03 | 12 | 5.80 | ZYKA69 | | 0.23 | 9173 | 5662 | 62 | 0.90 | | | | |
| | | | | | ZYKAF69 | | 0.26 | 8324 | 5138 | 62 | 1.00 | | | | |
| 5.9 | 279 | 145.15 | 8.9 | 2.10 | ZYK59 | 0.31 | 7064 | 4360 | 62 | 1.20 | | | | | |
| 6.9 | 238 | 123.85 | 9.0 | 2.50 | ZYKF59 | 0.35 | 6174 | 3811 | 62 | 1.35 | | | | | |
| 7.8 | 208 | 108.29 | 9.1 | 2.80 | ZYKA59 | 0.40 | 5440 | 3358 | 62 | 1.55 | | | | | |
| 8.3 | 198 | 102.88 | 9.1 | 3.00 | ZYKAF59 | 0.45 | 4823 | 2977 | 62 | 1.75 | | | | | |
| 9.4 | 173 | 90.26 | 9.2 | 3.40 | | 0.51 | 4209 | 2598 | 62 | 2.00 | | | | | |
| 9.0 | 181 | 145.15 | 9.2 | 3.20 | ZYK59 | 0.58 | 3704 | 2286 | 62 | 2.25 | | | | | |
| 11 | 154 | 123.85 | 9.3 | 3.70 | ZYKF59 | 0.69 | 3141 | 1939 | 62 | 2.65 | | | | | |
| 12 | 135 | 108.29 | 9.3 | 4.30 | ZYKA59 | 4P | 0.78 | 2775 | 1713 | 62 | 3.00 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P | | |
| 13 | 128 | 102.88 | 9.3 | 4.50 | ZYKAF59 | | 0.86 | 2519 | 1555 | 62 | 3.30 | | | | |
| 15 | 113 | 90.26 | 9.4 | 5.10 | | | 1.0 | 2164 | 1336 | 62 | 3.85 | | | | |
| 17 | 95 | 76.56 | 9.4 | 6.00 | | | 0.43 | 5035 | 3108 | 38 | 0.85 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P | | |
| 6.4 | 253 | 131.87 | 7.0 | 1.55 | ZYK49 | 0.48 | 4465 | 2756 | 38 | 1.00 | | | | | |
| 7.0 | 233 | 121.48 | 7.2 | 1.65 | ZYKF49 | 6P | 0.55 | 3919 | 2419 | 38 | 1.15 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P | | |
| 8.1 | 201 | 104.37 | 7.4 | 1.95 | ZYKA49 | | 0.63 | 3439 | 2123 | 38 | 1.30 | | | | |
| 9.4 | 175 | 90.86 | 7.5 | 2.20 | ZYKAF49 | | 0.72 | 3007 | 1856 | 38 | 1.50 | | | | |
| 10 | 164 | 85.12 | 7.5 | 2.40 | | | 0.82 | 2633 | 1625 | 38 | 1.70 | | | | |
| | | | | | | | 0.93 | 2317 | 1430 | 38 | 1.95 | | | | |
| 10 | 164 | 131.87 | 7.5 | 2.30 | ZYK49 | 1.1 | 2043 | 1261 | 38 | 2.20 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | | | 4P | |
| 11 | 151 | 121.48 | 7.6 | 2.50 | ZYKF49 | 1.2 | 1785 | 1102 | 38 | 2.50 | | | | | |
| 13 | 130 | 104.37 | 7.7 | 2.90 | ZYKA49 | 1.4 | 1550 | 957 | 38 | 2.90 | | | | | |
| 14 | 113 | 90.86 | 7.7 | 3.40 | ZYKAF49 | 1.6 | 1385 | 855 | 38 | 3.25 | | | | | |
| 15 | 106 | 85.12 | 7.7 | 3.60 | | 0.64 | 3381 | 2087 | 25 | 0.85 | | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 4P | | |
| 8.0 | 204 | 106.38 | 5.2 | 0.95 | ZYK39 | 0.72 | 3004 | 1854 | 26 | 0.95 | | | | | |
| 8.7 | 188 | 97.81 | 5.4 | 1.05 | ZYKF39 | 0.80 | 2686 | 1658 | 26 | 1.05 | | | | | |
| 10 | 161 | 83.69 | 5.7 | 1.20 | ZYKA39 | 0.94 | 2292 | 1415 | 26 | 1.25 | | | | | |
| 12 | 139 | 72.54 | 5.9 | 1.40 | ZYKAF39 | 1.1 | 1991 | 1229 | 27 | 1.40 | | | | | |
| 12 | 133 | 106.38 | 5.9 | 1.45 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | 1.2 | 1746 | 1078 | 27 | 1.60 | | | | |
| 13 | 122 | 97.81 | 6.0 | 1.55 | | | 1.4 | 1541 | 951 | 27 | 1.85 | | | | |
| 16 | 104 | 83.69 | 6.1 | 1.85 | | | 1.6 | 1356 | 837 | 27 | 2.10 | | | | |
| 18 | 90 | 72.54 | 6.1 | 2.10 | | | 1.8 | 1176 | 726 | 27 | 2.40 | | | | |
| 19 | 85 | 67.80 | 6.2 | 2.30 | | | 2.1 | 1034 | 638 | 27 | 2.75 | | | | |
| 22 | 73 | 58.60 | 6.0 | 2.60 | | | | | | | | | | | |
| 26 | 62 | 49.79 | 5.7 | 3.10 | | | | | | | | | | | |
| 29 | 55 | 44.46 | 5.5 | 3.50 | | | | | | | | | | | |
| 35 | 47 | 37.97 | 5.3 | 4.10 | | | | | | | | | | | |
| 37 | 44 | 35.57 | 5.2 | 4.30 | | | | | | | | | | | |

选型参数表

(恒功率) 0.25kW-0.37kW

Selection Table

(Constant Power) 0.25kW-0.37kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|--|------------|------------------|---------------|--------|--|-------|--------------------------------------|------------|
| 0.25kW | | | | | | | 0.25kW | | | | | | |
| 1.3 | 1698 | 1048 | 14 | 0.95 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 4P | 9.2 | 248 | 145.15 | 8.9 | 2.20 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 4P |
| 1.4 | 1490 | 920 | 15 | 1.10 | | | 11 | 211 | 123.85 | 9.1 | 2.60 | | |
| 1.6 | 1316 | 812 | 16 | 1.20 | | | 12 | 185 | 108.29 | 9.2 | 3.00 | | |
| 1.9 | 1144 | 706 | 17 | 1.40 | | | 13 | 175 | 102.88 | 9.2 | 3.20 | | |
| 2.1 | 1004 | 620 | 17 | 1.60 | | | 15 | 154 | 90.26 | 9.3 | 3.60 | | |
| 2.4 | 891 | 550 | 18 | 1.80 | | | 17 | 131 | 76.56 | 9.3 | 4.30 | | |
| 2.8 | 783 | 483 | 18 | 2.05 | | | 6.4 | 352 | 131.87 | 6.1 | 1.10 | ZYK49 ZYKF49 ZYKA49 ZYKAF49 | 6P |
| 3.1 | 690 | 426 | 18 | 2.35 | | | 7.0 | 324 | 121.48 | 6.4 | 1.20 | | |
| 3.6 | 593 | 366 | 19 | 2.70 | | | 8.1 | 278 | 104.37 | 6.8 | 1.40 | | |
| 4.1 | 528 | 326 | 19 | 3.05 | | | 9.4 | 242 | 90.86 | 7.1 | 1.60 | | |
| 4.6 | 468 | 289 | 19 | 3.45 | | | 10 | 227 | 85.12 | 7.2 | 1.75 | ZYK49 ZYKF49 ZYKA49 ZYKAF49 | 4P |
| 5.3 | 407 | 251 | 19 | 3.95 | | | 10 | 225 | 131.87 | 7.1 | 1.65 | | |
| 6.0 | 356 | 220 | 19 | 4.50 | 11 | 207 | 121.48 | 7.3 | 1.80 | | | | |
| 6.9 | 314 | 194 | 19 | 5.15 | 13 | 178 | 104.37 | 7.4 | 2.10 | | | | |
| 7.6 | 282 | 174 | 19 | 5.70 | 15 | 155 | 90.86 | 7.5 | 2.40 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 6P | | |
| 2.2 | 993 | 613 | 7.0 | 0.85 | 16 | 145 | 85.12 | 7.6 | 2.60 | | | | |
| 2.5 | 878 | 542 | 10 | 1.00 | 10 | 223 | 83.69 | 5.0 | 0.90 | | | | |
| 2.8 | 763 | 471 | 10 | 1.10 | 12 | 194 | 72.54 | 5.4 | 1.00 | | | | |
| 3.2 | 680 | 420 | 11 | 1.25 | 13 | 181 | 67.80 | 5.5 | 1.10 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | | |
| 3.7 | 585 | 361 | 11 | 1.45 | 15 | 156 | 58.60 | 5.7 | 1.25 | | | | |
| 4.1 | 523 | 323 | 12 | 1.65 | 17 | 133 | 49.79 | 5.9 | 1.50 | | | | |
| 4.8 | 452 | 279 | 12 | 1.90 | 13 | 181 | 106.38 | 5.4 | 1.00 | | | | |
| 5.4 | 399 | 246 | 12 | 2.15 | 14 | 167 | 97.81 | 5.6 | 1.10 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | | |
| 6.1 | 352 | 217 | 12 | 2.45 | 16 | 143 | 83.69 | 5.8 | 1.30 | | | | |
| 3.2 | 682 | 421 | 5.5 | 0.90 | 18 | 124 | 72.54 | 5.9 | 1.50 | | | | |
| 3.7 | 586 | 362 | 7.4 | 1.05 | 20 | 116 | 67.80 | 5.9 | 1.60 | | | | |
| 4.2 | 517 | 319 | 8.0 | 1.20 | 23 | 100 | 58.60 | 5.7 | 1.85 | | | | |
| 4.8 | 454 | 280 | 8.3 | 1.40 | 27 | 85 | 49.79 | 5.5 | 2.20 | | | | |
| 5.4 | 399 | 246 | 8.5 | 1.55 | 30 | 76 | 44.46 | 5.4 | 2.50 | | | | |
| 6.2 | 348 | 215 | 8.7 | 1.80 | 35 | 65 | 37.97 | 5.2 | 2.90 | | | | |
| 6.9 | 311 | 192 | 8.8 | 2.00 | 37 | 61 | 35.57 | 5.1 | 3.10 | | | | |
| 8.0 | 269 | 166 | 9.0 | 2.35 | 44 | 51 | 29.96 | 4.8 | 3.60 | | | | |
| 9.2 | 235 | 145 | 9.1 | 2.65 | 46 | 49 | 28.83 | 4.8 | 3.80 | | | | |
| 10 | 209 | 129 | 9.1 | 3.00 | 53 | 43 | 24.99 | 4.6 | 4.40 | | | | |
| 12 | 180 | 111 | 9.2 | 3.50 | 57 | 40 | 23.36 | 4.5 | 4.60 | | | | |
| 14 | 157 | 97 | 9.3 | 4.00 | 66 | 34 | 20.19 | 4.4 | 5.00 | | | | |
| 4.2 | 544 | 153.40 | 19 | 2.90 | 78 | 29 | 17.15 | 4.2 | 5.70 | | | | |
| 4.7 | 478 | 134.74 | 19 | 3.30 | 87 | 26 | 15.32 | 4.0 | 6.20 | | | | |
| 5.0 | 454 | 128.00 | 19 | 3.40 | 102 | 22 | 13.08 | 3.8 | 6.90 | | | | |
| 5.7 | 401 | 113.10 | 19 | 3.90 | 110 | 21 | 12.14 | 3.7 | 7.20 | | | | |
| 4.4 | 511 | 191.40 | 19 | 2.80 | 127 | 18 | 10.49 | 3.6 | 8.30 | | | | |
| 4.8 | 477 | 178.64 | 19 | 3.00 | 149 | 15 | 8.91 | 3.4 | 9.80 | | | | |
| 5.5 | 409 | 153.40 | 19 | 3.70 | 167 | 14 | 7.96 | 3.3 | 11.00 | | | | |
| 6.3 | 360 | 134.74 | 19 | 4.20 | 196 | 12 | 6.80 | 3.1 | 12.00 | | | | |
| 5.2 | 438 | 123.54 | 12 | 1.90 | 209 | 11 | 6.37 | 3.1 | 12.00 | | | | |
| 5.9 | 383 | 108.03 | 12 | 2.20 | 0.37kW | | | | | | | | |
| 6.2 | 364 | 102.62 | 12 | 2.30 | 0.18 | 17942 | 7483 | 69 | 0.75 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | 4P | | |
| 7.1 | 319 | 90.04 | 12 | 2.60 | 0.20 | 15741 | 6565 | 73 | 0.90 | | | | |
| 5.9 | 386 | 144.79 | 12 | 2.10 | 0.23 | 13916 | 5804 | 75 | 1.00 | | | | |
| 6.9 | 330 | 123.54 | 12 | 2.50 | 0.26 | 12053 | 5027 | 76 | 1.15 | | | | |
| 7.9 | 288 | 108.03 | 12 | 2.80 | 0.30 | 10605 | 4423 | 77 | 1.30 | | | | |
| 8.3 | 274 | 102.62 | 12 | 3.00 | 0.34 | 9325 | 3889 | 77 | 1.45 | | | | |
| 9.2 | 247 | 144.79 | 12 | 3.10 | 0.40 | 7939 | 3311 | 78 | 1.75 | | | | |
| 11 | 211 | 123.54 | 12 | 3.60 | 0.69 | 4618 | 1926 | 78 | 2.95 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | 4P | | |
| 12 | 184 | 108.03 | 12 | 4.10 | 0.76 | 4213 | 1757 | 78 | 3.25 | | | | |
| 13 | 175 | 102.62 | 12 | 4.30 | 0.86 | 3695 | 1541 | 78 | 3.70 | | | | |
| 5.9 | 387 | 145.15 | 8.5 | 1.50 | 0.35 | 9138 | 3811 | 62 | 0.90 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P | | |
| 6.9 | 330 | 123.85 | 8.7 | 1.80 | 0.40 | 8052 | 3358 | 62 | 1.05 | | | | |
| 7.8 | 289 | 108.29 | 8.8 | 2.00 | 0.45 | 7138 | 2977 | 62 | 1.15 | | | | |
| 8.3 | 275 | 102.88 | 8.9 | 2.20 | 0.51 | 6229 | 2598 | 62 | 1.35 | | | | |
| 9.4 | 241 | 90.26 | 9.0 | 2.50 | 0.58 | 5481 | 2286 | 62 | 1.55 | | | | |
| 11 | 204 | 76.56 | 9.1 | 2.90 | 0.69 | 4649 | 1939 | 62 | 1.80 | | | | |

选型参数表

(恒功率) 0.37kW

Selection Table

(Constant Power) 0.37kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|------|------------------|-------|--|------------|------------------|---------------|--------|------------------|-------|--------------------------------------|------------|
| 0.37kW | | | | | | | 0.37kW | | | | | | |
| 0.78 | 4107 | 1713 | 62 | 2.05 | ZYK109R79 | 4P | 3.8 | 886 | 174.19 | 27 | 3.00 | ZYK89 | 8P |
| 0.86 | 3728 | 1555 | 62 | 2.25 | ZYKF109R79 | | 4.0 | 836 | 164.34 | 27 | 3.20 | ZYKF89 | |
| 1.0 | 3203 | 1336 | 62 | 2.60 | ZYKA109R79 | | 4.5 | 749 | 147.33 | 27 | 3.50 | ZYKA89 | |
| 1.1 | 2796 | 1166 | 62 | 3.00 | ZYKAF109R79 | | | | | | | ZYKAF89 | |
| 0.63 | 5090 | 2123 | 38 | 0.90 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P | 4.5 | 744 | 197.37 | 27 | 3.50 | ZYK89 | 6P |
| 0.72 | 4450 | 1856 | 38 | 1.00 | | | 5.1 | 657 | 174.19 | 27 | 4.00 | ZYKF89 | |
| 0.82 | 3896 | 1625 | 38 | 1.15 | | | | | | | | ZYKA89 | |
| 0.93 | 3429 | 1430 | 38 | 1.30 | | | 4.9 | 685 | 134.74 | 18 | 2.20 | ZYK79 | 8P |
| 1.1 | 3024 | 1261 | 38 | 1.50 | | | 5.2 | 651 | 128.00 | 18 | 2.30 | ZYKF79 | |
| 1.2 | 2642 | 1102 | 38 | 1.70 | | | 5.8 | 575 | 113.10 | 19 | 2.60 | ZYKA79 | |
| 1.4 | 2295 | 957 | 38 | 1.95 | | | 6.8 | 492 | 96.66 | 19 | 3.10 | ZYKAF79 | |
| 1.6 | 2050 | 855 | 38 | 2.20 | | | 5.8 | 579 | 153.40 | 19 | 2.60 | ZYK79 | 6P |
| 1.8 | 1782 | 743 | 38 | 2.50 | | | 6.6 | 508 | 134.74 | 19 | 2.90 | ZYKF79 | |
| 2.0 | 1561 | 651 | 38 | 2.90 | | | 7.0 | 483 | 128.00 | 19 | 3.10 | ZYKA79 | |
| 2.3 | 1374 | 573 | 38 | 3.25 | | | 7.9 | 427 | 113.10 | 19 | 3.50 | ZYKAF79 | |
| 0.94 | 3393 | 1415 | 25 | 0.85 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 4P | 6.9 | 483 | 191.40 | 19 | 3.00 | ZYK79 | 4P |
| 1.1 | 2947 | 1229 | 26 | 0.95 | | | 7.4 | 451 | 178.64 | 19 | 3.20 | ZYKF79 | |
| 1.2 | 2585 | 1078 | 26 | 1.10 | | | 8.7 | 387 | 153.40 | 19 | 3.90 | ZYKA79 | |
| 1.4 | 2280 | 951 | 27 | 1.25 | | | | | | | | ZYKAF79 | |
| 1.6 | 2007 | 837 | 27 | 1.40 | | | 6.1 | 549 | 108.03 | 11 | 1.45 | ZYK69 | 8P |
| 1.8 | 1741 | 726 | 27 | 1.60 | | | 6.4 | 522 | 102.62 | 12 | 1.55 | ZYKF69 | |
| 2.1 | 1530 | 638 | 27 | 1.85 | | | 7.3 | 458 | 90.04 | 12 | 1.75 | ZYKA69 | |
| 2.4 | 1348 | 562 | 27 | 2.10 | | | | | | | | ZYKAF69 | |
| 2.8 | 1137 | 474 | 27 | 2.50 | | | 7.2 | 466 | 123.54 | 12 | 1.70 | ZYK69 | 6P |
| 3.1 | 1021 | 426 | 27 | 2.75 | | | 8.2 | 407 | 108.03 | 12 | 1.95 | ZYKF69 | |
| 3.6 | 894 | 373 | 27 | 3.15 | | | 8.7 | 387 | 102.62 | 12 | 2.00 | ZYKA69 | |
| 1.6 | 1947 | 812 | 10 | 0.85 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 4P | 9.9 | 340 | 90.04 | 12 | 2.30 | ZYKAF69 | |
| 1.9 | 1693 | 706 | 14 | 0.95 | | | 9.2 | 365 | 144.79 | 12 | 2.20 | ZYK69 | 4P |
| 2.1 | 1487 | 620 | 16 | 1.10 | | | 11 | 312 | 123.54 | 12 | 2.60 | ZYKF69 | |
| 2.4 | 1319 | 550 | 16 | 1.20 | | | 12 | 273 | 108.03 | 12 | 3.00 | ZYKA69 | |
| 2.8 | 1158 | 483 | 17 | 1.40 | | | 15 | 227 | 90.04 | 12 | 3.60 | ZYKAF69 | |
| 3.1 | 1021 | 426 | 18 | 1.60 | | | 17 | 193 | 76.37 | 12 | 4.20 | | |
| 3.6 | 878 | 366 | 18 | 1.85 | | | 7.2 | 467 | 123.85 | 8.1 | 1.25 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 6P |
| 4.1 | 782 | 326 | 18 | 2.05 | | | 8.2 | 408 | 108.29 | 8.3 | 1.40 | | |
| 4.6 | 693 | 289 | 18 | 2.30 | | | 8.7 | 388 | 102.88 | 8.4 | 1.50 | | |
| 5.3 | 602 | 251 | 19 | 2.70 | | | 9.9 | 340 | 90.26 | 8.6 | 1.70 | | |
| 6.0 | 528 | 220 | 19 | 3.05 | | | 11.6 | 289 | 76.56 | 8.8 | 2.00 | | |
| 6.9 | 465 | 194 | 19 | 3.45 | | | 12.9 | 261 | 69.12 | 8.9 | 2.20 | | |
| 7.6 | 417 | 174 | 19 | 3.85 | | | 9.2 | 366 | 145.15 | 8.6 | 1.60 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 4P |
| 8.7 | 367 | 153 | 19 | 4.40 | | | 11 | 313 | 123.85 | 8.8 | 1.90 | | |
| 3.2 | 1007 | 420 | 8.6 | 0.85 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 4P | 12 | 273 | 108.29 | 8.9 | 2.20 | | |
| 3.7 | 866 | 361 | 10 | 1.00 | | | 13 | 260 | 102.88 | 8.9 | 2.30 | | |
| 4.1 | 774 | 323 | 11 | 1.10 | | | 15 | 228 | 90.26 | 9.1 | 2.60 | | |
| 4.8 | 669 | 279 | 11 | 1.30 | | | 17 | 193 | 76.56 | 9.2 | 3.10 | | |
| 5.4 | 590 | 246 | 12 | 1.45 | | | 19 | 174 | 69.12 | 9.2 | 3.40 | | |
| 6.1 | 520 | 217 | 12 | 1.65 | | | 8.5 | 394 | 104.37 | 5.2 | 1.00 | ZYK49 | 6P |
| 7.0 | 458 | 191 | 12 | 1.85 | | | 9.8 | 343 | 90.86 | 6.2 | 1.10 | ZYKF49 | |
| 8.0 | 398 | 166 | 12 | 2.15 | | | 10 | 321 | 85.12 | 6.4 | 1.20 | ZYKA49 | |
| 9.2 | 345 | 144 | 12 | 2.50 | | | 12 | 284 | 75.20 | 6.7 | 1.35 | ZYKAF49 | |
| 11 | 293 | 122 | 12 | 2.95 | | | 10 | 333 | 131.87 | 6.4 | 1.20 | ZYK49 | 4P |
| 4.8 | 671 | 280 | 7.1 | 0.95 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 4P | 11 | 307 | 121.48 | 6.6 | 1.30 | ZYKF49 | |
| 5.4 | 590 | 246 | 7.6 | 1.05 | | | 13 | 263 | 104.37 | 7.0 | 1.50 | ZYKA49 | |
| 6.2 | 516 | 215 | 8.1 | 1.20 | | | | | | | | ZYKAF49 | |
| 6.9 | 460 | 192 | 8.3 | 1.35 | | | 15 | 229 | 90.86 | 7.2 | 1.70 | ZYK49 | 4P |
| 8.0 | 398 | 166 | 8.6 | 1.55 | | | 16 | 215 | 85.12 | 7.3 | 1.85 | ZYKF49 | |
| 9.2 | 348 | 145 | 8.7 | 1.80 | | | 18 | 190 | 75.20 | 7.4 | 2.10 | ZYKA49 | |
| 10 | 309 | 129 | 8.9 | 2.00 | | | 19 | 176 | 69.84 | 7.5 | 2.20 | ZYKAF49 | |
| 12 | 266 | 111 | 9.0 | 2.35 | | | 21 | 160 | 63.30 | 7.6 | 2.50 | | |
| 14 | 233 | 97 | 9.1 | 2.70 | | | | | | | | | |

选型参数表

(恒功率) 0.37kW-0.55kW

Selection Table

(Constant Power) 0.37kW-0.55kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|--|----------------|--|------------|
| 0.37kW | | | | | | | 0.55kW | | | | | | |
| 14 | 247 | 97.81 | 2.4 | 0.80 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | 1.3 | 3513 | 1030 | 62 | 2.30 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P |
| 16 | 211 | 83.69 | 5.2 | 0.95 | | | 1.5 | 3083 | 904 | 62 | 2.60 | | |
| 18 | 183 | 72.54 | 5.4 | 1.10 | | | 1.8 | 2704 | 793 | 62 | 2.95 | | |
| 20 | 171 | 67.80 | 5.3 | 1.15 | | | 2.0 | 2374 | 696 | 62 | 3.35 | | |
| 23 | 148 | 58.60 | 5.2 | 1.35 | | | 2.3 | 2094 | 614 | 62 | 3.80 | | |
| 27 | 126 | 49.79 | 5.1 | 1.55 | | | 0.97 | 4877 | 1430 | 38 | 0.90 | | |
| 30 | 112 | 44.46 | 5.0 | 1.75 | | | 1.1 | 4300 | 1261 | 38 | 1.00 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P |
| 35 | 96 | 37.97 | 4.8 | 2.10 | | | 1.3 | 3758 | 1102 | 38 | 1.15 | | |
| 37 | 90 | 35.57 | 4.7 | 2.20 | | | 1.5 | 3264 | 957 | 38 | 1.30 | | |
| 44 | 76 | 29.96 | 4.6 | 2.60 | | | 1.6 | 2916 | 855 | 38 | 1.45 | | |
| 46 | 73 | 28.83 | 4.5 | 2.70 | | | 1.9 | 2534 | 743 | 38 | 1.70 | | |
| 53 | 63 | 24.99 | 4.4 | 3.10 | | | 2.1 | 2220 | 651 | 38 | 1.95 | | |
| 57 | 59 | 23.36 | 4.3 | 3.30 | | | 2.4 | 1954 | 573 | 38 | 2.20 | | |
| 66 | 51 | 20.19 | 4.1 | 3.60 | | | 2.8 | 1719 | 504 | 38 | 2.50 | | |
| 78 | 43 | 17.15 | 4.0 | 4.10 | | | 3.2 | 1490 | 437 | 38 | 2.90 | | |
| 87 | 39 | 15.32 | 3.8 | 4.50 | | | 3.6 | 1303 | 382 | 38 | 3.30 | | |
| 102 | 33 | 13.08 | 3.7 | 4.90 | | | 4.6 | 1040 | 305 | 38 | 4.15 | | |
| 110 | 31 | 12.14 | 3.6 | 5.10 | | | 1.5 | 3243 | 951 | 25 | 0.85 | | |
| 127 | 26 | 10.49 | 3.4 | 5.90 | | | 1.7 | 2854 | 837 | 26 | 0.95 | | |
| 149 | 22 | 8.91 | 3.3 | 7.00 | | | 1.9 | 2476 | 726 | 26 | 1.10 | | |
| 167 | 20 | 7.96 | 3.2 | 7.60 | | | 2.2 | 2176 | 638 | 27 | 1.25 | | |
| 196 | 17 | 6.80 | 3.0 | 8.60 | 2.5 | 1917 | 562 | 27 | 1.40 | | | | |
| 209 | 16 | 6.37 | 3.0 | 8.90 | 2.9 | 1617 | 474 | 27 | 1.65 | | | | |
| 248 | 14 | 5.36 | 2.8 | 10 | 3.3 | 1453 | 426 | 27 | 1.85 | | | | |
| 0.08 | 57901 | 16978 | 162 | 0.95 | 3.7 | 1272 | 373 | 27 | 2.10 | | | | |
| 0.10 | 48672 | 14272 | 171 | 1.10 | 4.2 | 1125 | 330 | 27 | 2.40 | | | | |
| 0.11 | 44730 | 13116 | 171 | 1.20 | 4.7 | 999 | 293 | 27 | 2.70 | | | | |
| 0.12 | 39720 | 11647 | 171 | 1.35 | 5.6 | 853 | 250 | 27 | 3.15 | | | | |
| 0.19 | 25042 | 7343 | 171 | 2.10 | 5.9 | 805 | 236 | 27 | 3.35 | | | | |
| 0.12 | 39475 | 11575 | 135 | 0.85 | 6.9 | 685 | 201 | 27 | 3.95 | | | | |
| 0.14 | 35007 | 10265 | 135 | 0.95 | 2.5 | 1876 | 550 | 5.5 | 0.80 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 4P | | |
| 0.16 | 29428 | 8629 | 135 | 1.15 | 2.9 | 1647 | 483 | 14 | 0.95 | | | | |
| 0.21 | 22379 | 6562 | 135 | 1.50 | 3.3 | 1453 | 426 | 15 | 1.05 | | | | |
| 0.26 | 18262 | 5355 | 135 | 1.85 | 3.8 | 1248 | 366 | 16 | 1.25 | | | | |
| 0.34 | 13911 | 4079 | 135 | 2.40 | 4.3 | 1112 | 326 | 17 | 1.40 | | | | |
| 0.20 | 23467 | 6881 | 104 | 0.75 | 4.8 | 986 | 289 | 17 | 1.55 | | | | |
| 0.23 | 20227 | 5931 | 106 | 0.85 | 5.5 | 856 | 251 | 18 | 1.80 | | | | |
| 0.39 | 12073 | 3540 | 109 | 1.50 | 6.3 | 750 | 220 | 18 | 2.05 | | | | |
| 0.46 | 10405 | 3051 | 110 | 1.70 | 7.2 | 662 | 194 | 18 | 2.35 | | | | |
| 0.31 | 15084 | 4423 | 72 | 0.90 | 8.0 | 593 | 174 | 19 | 2.60 | | | | |
| 0.36 | 13263 | 3889 | 75 | 1.00 | 9.1 | 522 | 153 | 19 | 2.95 | | | | |
| 0.42 | 11292 | 3311 | 76 | 1.15 | 5.0 | 951 | 279 | 7 | 0.85 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 4P | | |
| 0.46 | 10262 | 3009 | 77 | 1.30 | 5.7 | 839 | 246 | 10 | 1.00 | | | | |
| 0.53 | 8891 | 2607 | 77 | 1.50 | 6.4 | 740 | 217 | 10 | 1.10 | | | | |
| 0.72 | 6568 | 1926 | 78 | 2.00 | 7.3 | 651 | 191 | 11 | 1.25 | | | | |
| 0.79 | 5992 | 1757 | 78 | 2.20 | 8.4 | 566 | 166 | 11 | 1.45 | | | | |
| 0.90 | 5255 | 1541 | 78 | 2.50 | 9.7 | 491 | 144 | 12 | 1.65 | | | | |
| 1.0 | 4577 | 1342 | 78 | 2.85 | 11 | 416 | 122 | 12 | 1.95 | | | | |
| 1.2 | 4014 | 1177 | 78 | 3.25 | 7.2 | 655 | 192 | 4.9 | 0.90 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 4P | | |
| 1.4 | 3496 | 1025 | 78 | 3.80 | 8.4 | 566 | 166 | 7.5 | 1.05 | | | | |
| 0.47 | 10153 | 2977 | 62 | 0.80 | 9.6 | 495 | 145 | 8.0 | 1.20 | | | | |
| 0.54 | 8860 | 2598 | 62 | 0.90 | 11 | 440 | 129 | 8.2 | 1.35 | | | | |
| 0.61 | 7796 | 2286 | 62 | 1.05 | 13 | 379 | 111 | 8.5 | 1.60 | | | | |
| 0.72 | 6613 | 1939 | 62 | 1.20 | 14 | 331 | 97 | 8.7 | 1.80 | | | | |
| 0.81 | 5842 | 1713 | 62 | 1.35 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P | 3.8 | 1317 | 174.19 | 27 | 2.00 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 8P |
| 0.89 | 5303 | 1555 | 62 | 1.50 | | | 4.0 | 1242 | 164.34 | 27 | 2.10 | | |
| 1.0 | 4556 | 1336 | 62 | 1.75 | | | 4.5 | 1114 | 147.33 | 27 | 2.40 | | |
| 1.2 | 3976 | 1166 | 62 | 2.00 | | | | | | | | | |

选型参数表

(恒功率) 0.55kW-0.75kW

Selection Table

(Constant Power) 0.55kW-0.75kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | | | | | |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|--|------------------------|-------|-------------------------|----------------|--------------------------------------|------------|--|------|-------------------------|-----|------|--|
| 0.55kW | | | | | | | 0.55kW | | | | | | | | | | | | |
| 4.5 | 1107 | 197.37 | 27 | 2.30 | ZYK89 | 6P | 91 | 55 | 15.32 | 3.7 | 3.00 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | | | | | | |
| 5.1 | 977 | 174.19 | 27 | 2.70 | ZYKF89 | | 106 | 47 | 13.08 | 3.5 | 3.30 | | | | | | | | |
| 5.4 | 921 | 164.34 | 27 | 2.80 | ZYKA89 | | 114 | 44 | 12.14 | 3.5 | 3.40 | | | | | | | | |
| 6.0 | 826 | 147.33 | 27 | 3.10 | ZYKAF89 | | 133 | 38 | 10.49 | 3.3 | 4.00 | | | | | | | | |
| 4.9 | 1019 | 134.74 | 17 | 1.50 | ZYK79 | 8P | 156 | 32 | 8.91 | 3.2 | 4.70 | | | | | | | | |
| 5.2 | 968 | 128.00 | 17 | 1.55 | ZYKF79 | | 175 | 29 | 7.96 | 3.1 | 5.10 | | | | | | | | |
| 5.8 | 855 | 113.10 | 18 | 1.75 | ZYKA79 | | 204 | 24 | 6.80 | 3.0 | 5.70 | | | | | | | | |
| 6.8 | 731 | 96.66 | 18 | 2.10 | ZYKAF79 | | 218 | 23 | 6.37 | 2.9 | 5.90 | | | | | | | | |
| 5.8 | 860 | 153.40 | 18 | 1.70 | ZYK79 | 6P | 259 | 19 | 5.36 | 2.8 | 6.80 | | | 0.75kW | | | | | |
| 6.6 | 755 | 134.74 | 18 | 1.95 | ZYKF79 | | 0.11 | 60996 | 13116 | 158 | 0.85 | | | | | ZYK189R99 ZYKA189R99 | 4P | | |
| 7.0 | 718 | 128.00 | 18 | 2.10 | ZYKA79 | | 0.12 | 54164 | 11647 | 169 | 0.95 | | | | | | | | |
| 7.9 | 634 | 113.10 | 18 | 2.30 | ZYKAF79 | | 0.19 | 34148 | 7343 | 171 | 1.50 | | | | | | | | |
| 9.1 | 551 | 153.40 | 19 | 2.60 | ZYK79 | 0.21 | 31377 | 6747 | 171 | 1.65 | | | | | | | | | |
| 10 | 484 | 134.74 | 19 | 3.00 | ZYKF79 | 0.23 | 27861 | 5991 | 171 | 1.90 | | | | | | | | | |
| 11 | 459 | 128.00 | 19 | 3.10 | ZYKA79 | 4P | 0.16 | 40129 | 8629 | 135 | 0.85 | ZYK169R99 ZYKA169R99 | 4P | | | | | | |
| 12 | 406 | 113.10 | 19 | 3.50 | ZYKAF79 | | 0.21 | 30516 | 6562 | 135 | 1.10 | | | | | | | | |
| 14 | 347 | 96.66 | 19 | 4.10 | | | 0.26 | 24903 | 5355 | 135 | 1.35 | | | | | | | | |
| 7.2 | 693 | 123.54 | 11 | 1.15 | ZYK69 | | 0.34 | 18969 | 4079 | 135 | 1.75 | | | | | | | | |
| 8.2 | 606 | 108.03 | 11 | 1.30 | ZYKF69 | 6P | 0.41 | 15700 | 3376 | 135 | 2.10 | | | ZYK159R99 ZYKF159R99 ZYKA159R99 ZYKAF159R99 | 4P | | | | |
| 8.7 | 575 | 102.62 | 11 | 1.35 | ZYKA69 | | 0.39 | 16463 | 3540 | 107 | 1.10 | | | | | | | | |
| 9.9 | 505 | 90.04 | 12 | 1.55 | ZYKAF69 | | 0.46 | 14189 | 3051 | 108 | 1.25 | | | | | | | | |
| 12 | 428 | 76.37 | 12 | 1.85 | | | 0.46 | 14189 | 3051 | 108 | 1.25 | | | | | | | | |
| 11 | 443 | 123.54 | 12 | 1.70 | ZYK69 | 4P | ZYK159R99 ZYKF159R99 ZYKA159R99 ZYKAF159R99 | | | | | | 4P | | | | | | |
| 13 | 388 | 108.03 | 12 | 1.95 | ZYKF69 | | | | | | | | | 0.84 | 7715 | 1659 | 110 | 2.30 | |
| 15 | 323 | 90.04 | 12 | 2.40 | ZYKA69 | | | | | | | | | 1.0 | 6348 | 1365 | 110 | 2.80 | |
| 18 | 274 | 76.37 | 12 | 2.80 | ZYKAF69 | | | | | | | | | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | | | | | |
| 8.2 | 607 | 108.29 | 7.0 | 0.95 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 6P | | | | | | | | | | | | | |
| 8.7 | 577 | 102.88 | 7.2 | 1.00 | | | 0.46 | 13993 | 3009 | 75 | 0.95 | | | | | | | | |
| 9.9 | 506 | 90.26 | 7.8 | 1.15 | | | 0.53 | 12124 | 2607 | 76 | 1.10 | | | | | | | | |
| 12 | 429 | 76.56 | 8.2 | 1.35 | | | 0.72 | 8957 | 1926 | 77 | 1.45 | | | | | | | | |
| 13 | 388 | 69.12 | 8.4 | 1.50 | | | 0.79 | 8171 | 1757 | 77 | 1.60 | | | | | | | | |
| 15 | 341 | 60.81 | 8.6 | 1.70 | | | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | 4P | 1.0 | 6241 | 1342 | 78 | 2.10 | | | | | | |
| 15 | 322 | 57.42 | 8.7 | 1.80 | 1.2 | 5474 | | | 1177 | 78 | 2.40 | | | | | | | | |
| 11 | 445 | 123.85 | 8.1 | 1.25 | 1.4 | 4767 | | | 1025 | 78 | 2.80 | | | | | | | | |
| 13 | 389 | 108.29 | 8.4 | 1.45 | 1.5 | 4181 | | | 899 | 78 | 3.20 | | | | | | | | |
| 14 | 369 | 102.88 | 8.4 | 1.50 | 0.81 | 7966 | | | 1713 | 62 | 1.00 | | | | | | | | |
| 15 | 324 | 90.26 | 8.6 | 1.70 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P | 0.89 | 7231 | 1555 | 62 | 1.10 | | | | | | | | |
| 18 | 275 | 76.56 | 8.8 | 2.00 | | | 1.0 | 6213 | 1336 | 62 | 1.30 | | | | | | | | |
| 20 | 248 | 69.12 | 8.9 | 2.20 | | | 1.2 | 5422 | 1166 | 62 | 1.50 | | | | | | | | |
| 23 | 218 | 60.81 | 9.0 | 2.60 | | | 1.3 | 4790 | 1030 | 62 | 1.65 | | | | | | | | |
| 24 | 206 | 57.42 | 9.1 | 2.70 | | | 1.5 | 4204 | 904 | 62 | 1.90 | | | | | | | | |
| 13 | 375 | 104.37 | 5.6 | 1.00 | ZYK49 ZYKF49 ZYKA49 ZYKAF49 | 4P | 1.8 | 3688 | 793 | 62 | 2.15 | | | | | | | | |
| 15 | 326 | 90.86 | 6.2 | 1.15 | | | 2.0 | 3237 | 696 | 62 | 2.45 | | | | | | | | |
| 16 | 306 | 85.12 | 6.5 | 1.50 | | | 2.3 | 2855 | 614 | 62 | 2.80 | | | | | | | | |
| 18 | 270 | 75.20 | 6.8 | 1.40 | | | 1.3 | 5125 | 1102 | 38 | 0.85 | | | | | | | | |
| 20 | 251 | 69.84 | 6.9 | 1.50 | | | 1.5 | 4451 | 957 | 38 | 0.95 | | | | | | | | |
| 22 | 227 | 63.30 | 7.1 | 1.65 | ZYK49 ZYKF49 ZYKA49 ZYKAF49 | 4P | 1.6 | 3976 | 855 | 38 | 1.10 | | | | | | | | |
| 24 | 204 | 56.83 | 7.3 | 1.80 | | | 1.9 | 3455 | 743 | 38 | 1.25 | | | | | | | | |
| 28 | 176 | 48.95 | 7.4 | 2.10 | | | 2.1 | 3027 | 651 | 38 | 1.40 | | | | | | | | |
| 30 | 165 | 46.04 | 7.5 | 2.20 | | | 2.4 | 2665 | 573 | 38 | 1.60 | | | | | | | | |
| 24 | 210 | 58.60 | 4.6 | 0.90 | | | 2.8 | 2344 | 504 | 38 | 1.85 | | | | | | | | |
| 28 | 179 | 49.79 | 4.6 | 1.05 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | 3.2 | 2032 | 437 | 38 | 2.10 | | | | | | | | |
| 31 | 160 | 44.46 | 4.5 | 1.15 | | | 3.6 | 1776 | 382 | 38 | 2.40 | | | | | | | | |
| 37 | 136 | 37.97 | 4.4 | 1.35 | | | 4.6 | 1418 | 305 | 38 | 3.05 | | | | | | | | |
| 39 | 128 | 35.57 | 4.4 | 1.45 | | | 5.4 | 1200 | 258 | 38 | 3.60 | | | | | | | | |
| 46 | 108 | 29.96 | 4.2 | 1.75 | | | 6.0 | 1079 | 232 | 38 | 4.00 | | | | | | | | |
| 48 | 103 | 28.83 | 4.2 | 1.80 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P | 7.0 | 925 | 199 | 38 | 4.65 | | | | | | | | |
| 56 | 90 | 24.99 | 4.1 | 2.10 | | | | | | | | | | | | | | | |
| 60 | 84 | 23.36 | 4.0 | 2.20 | | | | | | | | | | | | | | | |
| 69 | 72 | 20.19 | 3.9 | 2.40 | | | | | | | | | | | | | | | |
| 81 | 62 | 17.15 | 3.8 | 2.70 | | | | | | | | | | | | | | | |

选型参数表

(恒功率) 0.75kW-1.1kW

Selection Table

(Constant Power) 0.75kW-1.1kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|-------|--|----------------|--|------------|----|
| 0.75kW | | | | | | | 0.75kW | | | | | | | |
| 1.9 | 3376 | 726 | 25 | 0.80 | QYK89R59 QYKF89R59 QYKA89R59 QYKAF89R59 | 4P | 18 | 368 | 75.20 | 5.8 | 1.00 | ZYK49 QYKF49 QYKA49 QYKAF49 | 4P | |
| 2.2 | 2967 | 638 | 26 | 0.90 | | | 20 | 342 | 69.84 | 6.1 | 1.10 | QYK49 QYKF49 QYKA49 QYKAF49 | | 4P |
| 2.5 | 2614 | 562 | 26 | 1.05 | | | 22 | 310 | 63.30 | 6.5 | 1.20 | | | |
| 2.9 | 2204 | 474 | 27 | 1.25 | | | 24 | 278 | 56.83 | 6.8 | 1.35 | | | |
| 3.3 | 1981 | 426 | 27 | 1.35 | | | 28 | 240 | 48.95 | 7.1 | 1.55 | | | |
| 3.7 | 1735 | 373 | 27 | 1.55 | | | 30 | 225 | 46.04 | 7.2 | 1.65 | | | |
| 4.2 | 1535 | 330 | 27 | 1.75 | | | 35 | 194 | 39.61 | 7.4 | 1.95 | QYK39 QYKF39 QYKA39 QYKAF39 | 4P | |
| 4.7 | 1363 | 293 | 27 | 2.00 | | | 39 | 173 | 35.39 | 7.4 | 2.20 | | | |
| 5.6 | 1163 | 250 | 27 | 2.30 | | | 44 | 153 | 31.30 | 7.2 | 2.50 | | | |
| 5.9 | 1098 | 236 | 27 | 2.45 | 31 | 218 | 44.46 | 4.0 | 0.85 | | | | | |
| 6.9 | 935 | 201 | 27 | 2.90 | 37 | 186 | 37.97 | 3.9 | 1.00 | QYK189R99 QYKA189R99 | 4P | | | |
| 3.8 | 1702 | 366 | 13 | 0.90 | 39 | 174 | 35.57 | 3.9 | 1.10 | | | | | |
| 4.3 | 1516 | 326 | 15 | 1.00 | 46 | 147 | 29.96 | 3.9 | 1.30 | | | | | |
| 4.8 | 1344 | 289 | 16 | 1.15 | 48 | 141 | 28.83 | 3.9 | 1.35 | | | | | |
| 5.5 | 1167 | 251 | 17 | 1.30 | 56 | 122 | 24.99 | 3.8 | 1.55 | | | | | |
| 6.3 | 1023 | 220 | 17 | 1.50 | 60 | 114 | 23.36 | 3.8 | 1.60 | | | | | |
| 3.9 | 1736 | 176.05 | 38 | 2.30 | 69 | 99 | 20.19 | 3.7 | 1.75 | | | QYK169R99 QYKA169R99 | 4P | |
| 4.5 | 1511 | 153.21 | 38 | 2.70 | 81 | 84 | 17.15 | 3.6 | 2.00 | | | | | |
| 4.9 | 1383 | 140.28 | 38 | 3.00 | 91 | 75 | 15.32 | 3.5 | 2.20 | | | | | |
| 4.7 | 1453 | 147.33 | 27 | 1.75 | 106 | 64 | 13.08 | 3.4 | 2.40 | | | | | |
| 5.4 | 1252 | 126.91 | 27 | 2.00 | 114 | 59 | 12.14 | 3.3 | 2.50 | | | | | |
| 6.0 | 1142 | 115.82 | 27 | 2.20 | 133 | 51 | 10.49 | 3.2 | 2.90 | | | | | |
| 6.7 | 1013 | 102.71 | 27 | 2.50 | 156 | 44 | 8.91 | 3.1 | 3.50 | | | | | |
| 5.2 | 1302 | 174.19 | 27 | 1.95 | 175 | 39 | 7.96 | 3.0 | 3.80 | | | | | |
| 5.5 | 1229 | 164.34 | 27 | 2.10 | 204 | 33 | 6.80 | 2.9 | 4.20 | | | | | |
| 6.2 | 1102 | 147.33 | 27 | 2.30 | 218 | 31 | 6.37 | 2.8 | 4.40 | | | | | |
| 7.2 | 949 | 126.91 | 27 | 2.70 | 259 | 26 | 5.36 | 2.7 | 5.00 | 1.1kW | | | | |
| 7.0 | 966 | 197.37 | 27 | 2.60 | QYK89 QYKF89 QYKA89 QYKAF89 | 4P | 0.15 | 63406 | 9363 | 154 | 0.80 | QYK159R99 QYKF159R99 QYKA159R99 QYKAF159R99 | 4P | |
| 8.0 | 853 | 174.19 | 27 | 3.00 | | | 0.17 | 55029 | 8126 | 167 | 0.95 | | | |
| 8.5 | 804 | 164.34 | 27 | 3.20 | | | 0.19 | 49727 | 7343 | 171 | 1.05 | | | |
| 9.4 | 721 | 147.33 | 27 | 3.50 | | | 0.21 | 45691 | 6747 | 171 | 1.15 | | | |
| 6.8 | 1007 | 134.74 | 17 | 1.45 | 0.23 | 40571 | 5991 | 171 | 1.30 | QYK129R79 QYKF129R79 QYKA129R79 QYKAF129R79 | 4P | | | |
| 7.1 | 957 | 128.00 | 17 | 1.50 | 0.26 | 36284 | 5358 | 171 | 1.45 | | | | | |
| 8.0 | 846 | 113.10 | 18 | 1.70 | 0.29 | 32621 | 4817 | 171 | 1.60 | | | | | |
| 9.4 | 723 | 96.66 | 18 | 2.00 | 0.32 | 29594 | 4370 | 171 | 1.75 | | | | | |
| 10 | 663 | 88.61 | 18 | 2.20 | 0.26 | 36264 | 5355 | 135 | 0.90 | | | QYK169R99 QYKA169R99 | 4P | |
| 9.1 | 751 | 153.40 | 18 | 1.95 | 0.29 | 32424 | 4788 | 135 | 1.05 | | | | | |
| 10 | 660 | 134.74 | 18 | 2.20 | 0.34 | 27623 | 4079 | 135 | 1.20 | | | | | |
| 11 | 627 | 128.00 | 18 | 2.30 | 0.41 | 22862 | 3376 | 135 | 1.45 | | | | | |
| 12 | 554 | 113.10 | 19 | 2.60 | 0.51 | 18657 | 2755 | 135 | 1.80 | QYK169R99 QYKA169R99 | 4P | | | |
| 14 | 473 | 96.66 | 19 | 3.10 | 0.64 | 14776 | 2182 | 135 | 2.20 | | | | | |
| 11 | 605 | 123.54 | 11 | 1.30 | 0.82 | 11539 | 1704 | 135 | 2.80 | | | | | |
| 13 | 529 | 108.03 | 11 | 1.45 | 0.99 | 9535 | 1408 | 135 | 3.40 | | | | | |
| 15 | 441 | 90.04 | 12 | 1.75 | 1.08 | 8776 | 1296 | 135 | 3.70 | QYK159R99 QYKF159R99 QYKA159R99 QYKAF159R99 | 4P | | | |
| 18 | 374 | 76.37 | 12 | 2.10 | 0.40 | 23973 | 3540 | 104 | 0.75 | | | | | |
| 20 | 338 | 68.95 | 12 | 2.30 | 0.46 | 20661 | 3051 | 106 | 0.85 | | | | | |
| 23 | 297 | 60.66 | 12 | 2.60 | 0.54 | 17675 | 2610 | 107 | 1.00 | | | | | |
| 24 | 280 | 57.28 | 12 | 2.80 | 0.60 | 15731 | 2323 | 108 | 1.15 | QYK159R99 QYKF159R99 QYKA159R99 QYKAF159R99 | 4P | | | |
| 11 | 606 | 123.85 | 6.8 | 0.95 | 0.84 | 11235 | 1659 | 109 | 1.60 | | | | | |
| 13 | 530 | 108.29 | 7.5 | 1.05 | 1.0 | 9244 | 1365 | 110 | 1.95 | | | | | |
| 14 | 504 | 102.88 | 7.8 | 1.10 | 1.1 | 8323 | 1229 | 110 | 2.15 | | | | | |
| 15 | 442 | 90.26 | 8.1 | 1.30 | 1.3 | 7402 | 1093 | 110 | 2.40 | | | | | |
| 18 | 375 | 76.56 | 8.4 | 1.50 | 1.5 | 6379 | 942 | 110 | 2.75 | | | | | |
| 20 | 338 | 69.12 | 8.6 | 1.65 | 1.6 | 5776 | 853 | 110 | 3.05 | | | | | |
| 23 | 298 | 60.81 | 8.8 | 1.90 | 0.73 | 13043 | 1926 | 75 | 1.00 | | | QYK129R79 QYKF129R79 QYKA129R79 QYKAF129R79 | 4P | |
| 24 | 281 | 57.42 | 8.8 | 2.00 | 0.80 | 11898 | 1757 | 76 | 1.10 | | | | | |
| 28 | 239 | 48.89 | 9.0 | 2.40 | 0.91 | 10436 | 1541 | 76 | 1.25 | | | | | |
| 31 | 217 | 44.43 | 9.1 | 2.60 | 1.0 | 9088 | 1342 | 77 | 1.45 | | | | | |
| | | | | | | | | | | | | | | |

选型参数表

(恒功率) 1.1kW

Selection Table

(Constant Power) 1.1kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 1.1kW | | | | | | |
| 1.2 | 7971 | 1177 | 77 | 1.65 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | 4P |
| 1.4 | 6941 | 1025 | 78 | 1.90 | | |
| 1.6 | 6088 | 899 | 78 | 2.20 | | |
| 1.8 | 5350 | 790 | 78 | 2.45 | | |
| 2.0 | 4767 | 704 | 78 | 2.75 | | |
| 2.3 | 4131 | 610 | 78 | 3.20 | | |
| 2.6 | 3718 | 549 | 78 | 3.50 | | |
| 2.9 | 3230 | 477 | 78 | 4.05 | | |
| 1.2 | 7896 | 1166 | 62 | 1.00 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P |
| 1.4 | 6975 | 1030 | 62 | 1.15 | | |
| 1.5 | 6122 | 904 | 62 | 1.30 | | |
| 1.8 | 5370 | 793 | 62 | 1.50 | | |
| 2.0 | 4713 | 696 | 62 | 1.70 | | |
| 2.3 | 4158 | 614 | 62 | 1.90 | | |
| 2.7 | 3535 | 522 | 62 | 2.25 | | |
| 3.0 | 3122 | 461 | 62 | 2.55 | | |
| 3.4 | 2763 | 408 | 62 | 2.90 | | |
| 3.8 | 2465 | 364 | 62 | 3.25 | | |
| 4.4 | 2153 | 318 | 62 | 3.70 | | |
| 1.9 | 5032 | 743 | 38 | 0.85 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P |
| 2.2 | 4409 | 651 | 38 | 0.95 | | |
| 2.4 | 3880 | 573 | 38 | 1.10 | | |
| 2.8 | 3413 | 504 | 38 | 1.25 | | |
| 3.2 | 2959 | 437 | 38 | 1.45 | | |
| 3.7 | 2587 | 382 | 38 | 1.65 | | |
| 4.1 | 2316 | 342 | 38 | 1.85 | | |
| 3.0 | 3210 | 474 | 25 | 0.85 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 4P |
| 3.3 | 2885 | 426 | 26 | 0.95 | | |
| 3.8 | 2526 | 373 | 26 | 1.05 | | |
| 4.2 | 2235 | 330 | 26 | 1.20 | | |
| 4.8 | 1984 | 293 | 27 | 1.35 | | |
| 5.6 | 1693 | 250 | 27 | 1.60 | | |
| 5.9 | 1598 | 236 | 27 | 1.70 | | |
| 7.0 | 1361 | 201 | 27 | 2.00 | | |
| 3.9 | 2546 | 176.05 | 38 | 1.60 | ZYK99 | 8P |
| 4.5 | 2216 | 153.21 | 38 | 1.80 | ZYKF99 | |
| 4.9 | 2029 | 140.28 | 38 | 2.00 | ZYKA99 | |
| 5.6 | 1792 | 123.93 | 38 | 2.20 | ZYKAF99 | |
| 5.2 | 1931 | 176.05 | 38 | 2.10 | ZYK99 | 6P |
| 5.9 | 1680 | 153.21 | 38 | 2.50 | ZYKF99 | |
| 6.5 | 1538 | 140.28 | 38 | 2.70 | ZYKA99 | |
| 7.3 | 1359 | 123.93 | 38 | 3.00 | ZYKAF99 | |
| 8.0 | 1255 | 176.05 | 38 | 3.30 | ZYK99 | 4P |
| 9.1 | 1092 | 153.21 | 38 | 3.70 | ZYKF99 | |
| 10 | 1000 | 140.28 | 38 | 4.10 | ZYKA99 | |
| | | | | | ZYKAF99 | |
| 5.2 | 1910 | 174.19 | 27 | 1.35 | ZYK89 | 6P |
| 5.5 | 1802 | 164.34 | 27 | 1.45 | ZYKF89 | |
| 6.2 | 1616 | 147.32 | 27 | 1.60 | ZYKA89 | |
| 7.2 | 1392 | 126.91 | 27 | 1.85 | ZYKAF89 | |
| 8.0 | 1242 | 174.19 | 27 | 2.10 | ZYK89 | 4P |
| 8.5 | 1171 | 164.34 | 27 | 2.20 | ZYKF89 | |
| 9.5 | 1050 | 147.32 | 27 | 2.40 | ZYKA89 | |
| 11 | 905 | 126.91 | 27 | 2.80 | ZYKAF89 | |
| 12 | 826 | 115.82 | 27 | 3.10 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 6P |
| 6.8 | 1478 | 134.74 | 15 | 1.00 | | |
| 7.1 | 1404 | 128.00 | 15 | 1.05 | | |
| 8.0 | 1240 | 113.10 | 16 | 1.20 | | |
| 9.4 | 1060 | 96.66 | 17 | 1.40 | | |
| 1.1kW | | | | | | |
| 10 | 960 | 134.74 | 17 | 1.55 | ZYK79 | 4P |
| 11 | 912 | 128.00 | 17 | 1.60 | ZYKF79 | |
| 12 | 806 | 113.10 | 18 | 1.80 | ZYKA79 | |
| | | | | | ZYKAF79 | |
| 14 | 689 | 96.66 | 18 | 2.10 | ZYK79 | 4P |
| 16 | 632 | 88.61 | 18 | 2.30 | ZYKF79 | |
| 18 | 554 | 77.76 | 19 | 2.70 | ZYKA79 | |
| 19 | 525 | 73.69 | 19 | 2.80 | ZYKAF79 | |
| 13 | 770 | 108.03 | 10 | 1.00 | ZYK69 | 4P |
| 14 | 732 | 102.62 | 10 | 1.05 | ZYKF69 | |
| 16 | 642 | 90.04 | 11 | 1.20 | ZYKA69 | |
| 18 | 544 | 76.37 | 11 | 1.45 | ZYKAF69 | |
| 20 | 492 | 68.95 | 12 | 1.60 | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 4P |
| 23 | 432 | 60.66 | 12 | 1.80 | | |
| 24 | 408 | 57.28 | 12 | 1.90 | | |
| 29 | 348 | 48.77 | 12 | 2.20 | | |
| 32 | 316 | 44.32 | 12 | 2.50 | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 4P |
| 36 | 274 | 38.39 | 12 | 2.80 | | |
| 16 | 643 | 90.26 | 2.3 | 0.90 | | |
| 18 | 546 | 76.56 | 7.4 | 1.05 | | |
| 20 | 493 | 69.12 | 7.9 | 1.15 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 4P |
| 23 | 433 | 60.81 | 8.2 | 1.30 | | |
| 24 | 409 | 57.42 | 8.3 | 1.40 | | |
| 29 | 349 | 48.89 | 8.6 | 1.65 | | |
| 32 | 317 | 44.43 | 8.7 | 1.80 | | |
| 36 | 274 | 38.49 | 8.9 | 2.10 | | |
| 39 | 254 | 35.70 | 8.9 | 2.20 | | |
| 46 | 216 | 30.28 | 9.1 | 2.60 | | |
| 51 | 195 | 27.34 | 9.0 | 2.90 | | |
| 58 | 171 | 24.05 | 8.8 | 3.30 | | |
| 62 | 162 | 22.71 | 8.6 | 3.50 | | |
| 72 | 138 | 19.34 | 8.3 | 4.00 | | |
| 80 | 125 | 17.57 | 8.1 | 4.20 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 4P |
| 92 | 108 | 15.22 | 7.8 | 4.70 | | |
| 106 | 94 | 13.25 | 7.5 | 5.10 | | |
| 117 | 85 | 11.92 | 7.2 | 4.60 | | |
| 124 | 80 | 11.26 | 7.1 | 4.90 | | |
| 146 | 68 | 9.59 | 6.8 | 5.60 | | |
| 161 | 62 | 8.71 | 6.6 | 6.00 | | |
| 185 | 54 | 7.55 | 6.3 | 6.40 | | |
| 213 | 47 | 6.57 | 6.1 | 7.00 | | |
| 25 | 405 | 56.83 | 3.1 | 0.95 | ZYK49 | 4P |
| 29 | 349 | 48.95 | 6.0 | 1.10 | ZYKF49 | |
| 30 | 328 | 46.04 | 6.3 | 1.15 | ZYKA49 | |
| | | | | | ZYKAF49 | |
| 35 | 282 | 39.61 | 6.7 | 1.35 | ZYK49 ZYKF49 ZYKA49 ZYKAF49 | 4P |
| 40 | 252 | 35.39 | 6.7 | 1.50 | | |
| 45 | 223 | 31.30 | 6.6 | 1.70 | | |
| 48 | 209 | 29.32 | 6.5 | 1.80 | | |
| 54 | 185 | 25.91 | 6.4 | 2.10 | | |
| 64 | 155 | 21.81 | 6.2 | 2.40 | | |
| 72 | 140 | 19.58 | 6.0 | 2.70 | | |
| 47 | 214 | 29.96 | 3.2 | 0.90 | | |
| 56 | 178 | 24.99 | 3.3 | 1.05 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P |
| 60 | 167 | 23.36 | 3.3 | 1.10 | | |
| 69 | 144 | 20.19 | 3.2 | 1.20 | | |
| 82 | 122 | 17.15 | 3.2 | 1.40 | | |
| 91 | 109 | 15.32 | 3.2 | 1.50 | | |
| 107 | 93 | 13.08 | 3.1 | 1.70 | | |

选型参数表

(恒功率) 1.1kW-1.5kW

Selection Table

(Constant Power) 1.1kW-1.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|---|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 1.1kW | | | | | | | 1.5kW | | | | | | |
| 115 | 87 | 12.14 | 3.1 | 1.75 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | 2.4 | 5291 | 573 | 38 | 0.80 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P |
| 133 | 75 | 10.49 | 3.0 | 2.00 | | | 2.8 | 4654 | 504 | 38 | 0.90 | | |
| 157 | 64 | 8.91 | 2.9 | 2.40 | | | 3.2 | 4035 | 437 | 38 | 1.05 | | |
| 176 | 57 | 7.96 | 2.8 | 2.60 | | | 3.7 | 3528 | 382 | 38 | 1.20 | | |
| 206 | 48 | 6.80 | 2.7 | 2.90 | | | 4.1 | 3158 | 342 | 38 | 1.35 | | |
| 220 | 45 | 6.37 | 2.7 | 3.00 | | | 4.6 | 2817 | 305 | 38 | 1.55 | | |
| 261 | 38 | 5.36 | 2.6 | 3.50 | | | 5.4 | 2383 | 258 | 38 | 1.80 | | |
| 1.5kW | | | | | | | 6.0 | 2142 | 232 | 38 | 2.00 | | |
| 0.21 | 62305 | 6747 | 154 | 0.80 | ZYK189R99 ZYKA189R99 | 4P | 7.0 | 1838 | 199 | 38 | 2.35 | | |
| 0.23 | 55324 | 5991 | 165 | 0.95 | | | 4.2 | 3047 | 330 | 25 | 0.90 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 4P |
| 0.26 | 49478 | 5358 | 171 | 1.05 | | | 4.8 | 2706 | 293 | 26 | 1.00 | | |
| 0.29 | 44483 | 4817 | 171 | 1.15 | | | 5.6 | 2309 | 250 | 26 | 1.15 | | |
| 0.32 | 40355 | 4370 | 171 | 1.30 | | | 5.9 | 2179 | 236 | 27 | 1.25 | | |
| 0.39 | 33327 | 3609 | 171 | 1.50 | ZYK189R99 ZYKA189R99 | 4P | 7.0 | 1856 | 201 | 62 | 1.45 | | |
| 0.46 | 28276 | 3062 | 171 | 1.80 | | | 7.7 | 1690 | 183 | 27 | 1.60 | | |
| 0.56 | 23262 | 2519 | 171 | 2.20 | | | 4.7 | 2871 | 143.47 | 62 | 2.70 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 8P |
| 0.62 | 20944 | 2268 | 171 | 2.50 | | | 5.6 | 2431 | 121.46 | 62 | 3.20 | | |
| 0.34 | 37668 | 4079 | 135 | 0.85 | ZYK169R99 ZYKA169R99 | 4P | 6.0 | 2250 | 112.41 | 62 | 3.50 | | |
| 0.41 | 31176 | 3376 | 135 | 1.05 | | | 4.4 | 3066 | 153.21 | 38 | 1.35 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 8P |
| 0.51 | 25441 | 2755 | 135 | 1.30 | | | 4.8 | 2807 | 140.28 | 38 | 1.50 | | |
| 0.64 | 20150 | 2182 | 135 | 1.60 | | | 5.5 | 2480 | 123.93 | 38 | 1.70 | | |
| 0.82 | 15736 | 1704 | 135 | 2.10 | ZYK169R99 ZYKA169R99 | 4P | 5.3 | 2549 | 176.05 | 38 | 1.55 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 6P |
| 0.99 | 13002 | 1408 | 135 | 2.50 | | | 6.1 | 2218 | 153.21 | 38 | 1.80 | | |
| 1.08 | 11968 | 1296 | 135 | 2.70 | | | 6.7 | 2031 | 140.28 | 38 | 1.95 | | |
| 0.60 | 21452 | 2323 | 105 | 0.80 | | | 7.6 | 1794 | 123.93 | 38 | 2.20 | | |
| 0.84 | 15320 | 1659 | 108 | 1.10 | ZYK159R99 ZYKF159R99 ZYKA159R99 ZYKAF159R99 | 4P | 8.0 | 1711 | 176.05 | 38 | 2.40 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P |
| 1.0 | 12605 | 1365 | 109 | 1.35 | | | 9.1 | 1489 | 153.21 | 38 | 2.80 | | |
| 1.1 | 11349 | 1229 | 109 | 1.50 | | | 10 | 1364 | 140.28 | 38 | 3.00 | | |
| 1.3 | 10093 | 1093 | 110 | 1.70 | | | 11 | 1205 | 123.93 | 38 | 3.40 | | |
| 1.5 | 8699 | 942 | 110 | 1.95 | | | 6.4 | 2133 | 147.33 | 26 | 1.20 | BBZYK89 ZYKF89 ZYKA89 ZYKAF89 | 6P |
| 1.6 | 7877 | 853 | 110 | 2.15 | | | 7.4 | 1837 | 126.91 | 27 | 1.35 | | |
| 2.5 | 5236 | 567 | 110 | 3.25 | | | 8.1 | 1677 | 115.82 | 27 | 1.50 | | |
| 2.8 | 4654 | 504 | 111 | 3.65 | | | 9.2 | 1487 | 102.71 | 27 | 1.70 | | |
| 2.6 | 4977 | 539 | 78 | 2.50 | ZYK129R89 ZYKF129R89 ZYKA129R89 ZYKAF129R89 | 4P | 8.0 | 1693 | 174.19 | 27 | 1.55 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P |
| 3.3 | 3878 | 420 | 78 | 3.15 | | | 8.5 | 1597 | 164.34 | 27 | 1.60 | | |
| 3.8 | 3398 | 368 | 78 | 3.65 | | | 9.5 | 1432 | 147.33 | 27 | 1.80 | | |
| 0.80 | 16225 | 1757 | 70 | 0.80 | | | 11 | 1234 | 126.91 | 27 | 2.10 | | |
| 0.91 | 14230 | 1541 | 74 | 0.90 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | 4P | 12 | 1126 | 115.82 | 27 | 2.30 | | |
| 1.0 | 12393 | 1342 | 76 | 1.05 | | | 14 | 998 | 102.71 | 27 | 2.60 | | |
| 1.2 | 10869 | 1177 | 76 | 1.20 | | | 16 | 839 | 86.34 | 27 | 3.10 | | |
| 1.4 | 9465 | 1025 | 77 | 1.40 | | | 8.3 | 1637 | 113.10 | 13 | 0.90 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 6P |
| 1.6 | 8302 | 899 | 77 | 1.60 | | | 9.7 | 1399 | 96.66 | 15 | 1.05 | | |
| 1.8 | 7295 | 790 | 78 | 1.80 | | | 11 | 1283 | 88.61 | 16 | 1.10 | | |
| 2.0 | 6501 | 704 | 78 | 2.00 | | | 12 | 1126 | 77.76 | 17 | 1.30 | | |
| 2.3 | 5633 | 610 | 78 | 2.35 | | | 10 | 1310 | 134.74 | 16 | 1.15 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 4P |
| 2.6 | 5070 | 549 | 78 | 2.55 | | | 11 | 1244 | 128.00 | 16 | 1.20 | | |
| 2.9 | 4405 | 477 | 78 | 3.00 | | | 12 | 1099 | 113.10 | 17 | 1.35 | | |
| 3.3 | 3869 | 419 | 78 | 3.45 | | | 14 | 940 | 96.66 | 17 | 1.55 | | |
| 1.4 | 9512 | 1030 | 62 | 0.85 | ZYBK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P | 16 | 861 | 88.61 | 18 | 1.70 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 4P |
| 1.5 | 8348 | 904 | 62 | 0.95 | | | 18 | 756 | 77.76 | 18 | 1.95 | | |
| 1.8 | 7323 | 793 | 62 | 1.10 | | | 19 | 716 | 73.69 | 18 | 2.10 | | |
| 2.0 | 6427 | 696 | 62 | 1.25 | | | 22 | 627 | 64.49 | 18 | 2.40 | | |
| 2.3 | 5670 | 614 | 62 | 1.40 | | | 24 | 565 | 58.10 | 19 | 2.60 | | |
| 2.7 | 4820 | 522 | 62 | 1.65 | | | 27 | 495 | 50.97 | 19 | 3.00 | | |
| 3.0 | 4257 | 461 | 62 | 1.90 | | | 31 | 437 | 44.98 | 19 | 3.40 | | |
| 3.4 | 3768 | 408 | 62 | 2.10 | | | 35 | 388 | 39.88 | 19 | 3.80 | | |
| 3.8 | 3361 | 364 | 62 | 2.40 | | | | | | | | | |
| 4.4 | 2937 | 318 | 62 | 2.70 | | | | | | | | | |

选型参数表

(恒功率) 1.5kW-2.2kW

Selection Table

(Constant Power) 1.5kW-2.2kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|--------------------------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 1.5kW | | | | | | | 2.2kW | | | | | | |
| 16 | 875 | 90.04 | 8.9 | 0.90 | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 4P | 0.66 | 28933 | 2182 | 135 | 1.10 | ZYK169R99 ZYKA169R99 | 4P |
| 18 | 742 | 76.37 | 10 | 1.05 | | | 0.84 | 22595 | 1704 | 135 | 1.40 | | |
| 20 | 670 | 68.95 | 11 | 1.15 | | | 1.02 | 18670 | 1408 | 135 | 1.70 | | |
| 23 | 590 | 60.66 | 11 | 1.35 | | | 1.10 | 17185 | 1296 | 135 | 1.85 | | |
| 24 | 557 | 57.28 | 11 | 1.40 | | | 1.30 | 14599 | 1101 | 135 | 2.20 | | |
| 29 | 474 | 48.77 | 12 | 1.65 | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 4P | 1.51 | 12517 | 944 | 135 | 2.50 | ZYK159R99 ZYKF159R99 ZYKA159R99 ZYKAF159R99 | 4P |
| 32 | 431 | 44.32 | 12 | 1.80 | | | 0.86 | 21998 | 1659 | 104 | 0.80 | | |
| 36 | 373 | 38.39 | 12 | 2.00 | | | 1.0 | 18100 | 1365 | 106 | 1.00 | | |
| 39 | 346 | 35.61 | 12 | 2.30 | | | 1.2 | 16296 | 1229 | 107 | 1.10 | | |
| 46 | 294 | 30.21 | 12 | 2.70 | | | 1.3 | 14493 | 1093 | 108 | 1.20 | | |
| 51 | 265 | 27.27 | 12 | 3.00 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 4P | 1.5 | 12491 | 942 | 109 | 1.40 | ZYK129R89 ZYKF129R89 ZYKA129R89 ZYKAF129R89 | 4P |
| 58 | 233 | 23.99 | 12 | 3.30 | | | 1.7 | 11311 | 853 | 109 | 1.55 | | |
| 23 | 591 | 60.81 | 7.1 | 0.95 | | | 1.9 | 10024 | 756 | 110 | 1.80 | | |
| 24 | 558 | 57.42 | 7.4 | 1.05 | | | 2.7 | 7147 | 539 | 78 | 1.80 | | |
| 29 | 475 | 48.89 | 8.0 | 1.20 | | | 3.0 | 6312 | 476 | 78 | 2.05 | | |
| 32 | 432 | 44.43 | 8.2 | 1.35 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 4P | 3.4 | 5569 | 420 | 78 | 2.30 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P |
| 36 | 374 | 38.49 | 8.5 | 1.55 | | | 3.9 | 4880 | 368 | 78 | 2.65 | | |
| 39 | 347 | 35.70 | 8.6 | 1.65 | | | 4.3 | 4389 | 331 | 78 | 2.95 | | |
| 46 | 294 | 30.28 | 8.7 | 1.95 | | | 1.4 | 13591 | 1025 | 74 | 0.95 | | |
| 51 | 266 | 27.34 | 8.6 | 2.20 | | | 1.6 | 11921 | 899 | 76 | 1.10 | | |
| 58 | 234 | 24.05 | 8.3 | 2.50 | ZYK49 ZYKF49 ZYKA49 ZYKAF49 | 4P | 1.8 | 10475 | 790 | 76 | 1.25 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P |
| 62 | 221 | 22.71 | 8.2 | 2.60 | | | 2.0 | 9335 | 704 | 77 | 1.40 | | |
| 72 | 188 | 19.34 | 7.9 | 2.90 | | | 2.3 | 8088 | 610 | 77 | 1.60 | | |
| 35 | 385 | 39.61 | 5.6 | 1.00 | | | 2.6 | 7280 | 549 | 78 | 1.80 | | |
| 40 | 344 | 35.39 | 6.0 | 1.10 | ZYK49 ZYKF49 ZYKA49 ZYKAF49 | 4P | 3.0 | 6325 | 477 | 78 | 2.05 | | |
| 45 | 304 | 31.30 | 6.0 | 1.25 | | | 3.4 | 5556 | 419 | 78 | 2.35 | | |
| 48 | 285 | 29.32 | 6.0 | 1.35 | | | 2.3 | 8142 | 614 | 62 | 1.00 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P |
| 54 | 252 | 25.91 | 5.9 | 1.50 | | | 2.7 | 6922 | 522 | 62 | 1.15 | | |
| 64 | 212 | 21.81 | 5.7 | 1.80 | | | 3.1 | 6113 | 461 | 62 | 1.30 | | |
| 72 | 190 | 19.58 | 5.7 | 2.00 | | | 3.5 | 5410 | 408 | 62 | 1.45 | | |
| 83 | 164 | 16.86 | 5.5 | 2.20 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | 3.9 | 4827 | 364 | 62 | 1.65 | | |
| 88 | 154 | 15.86 | 5.4 | 2.40 | | | 4.5 | 4217 | 318 | 62 | 1.90 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P |
| 103 | 133 | 13.65 | 5.3 | 2.60 | | | 5.0 | 3792 | 286 | 62 | 2.10 | | |
| 115 | 118 | 12.19 | 5.2 | 2.80 | | | 5.7 | 3328 | 251 | 62 | 2.40 | | |
| 119 | 114 | 11.77 | 5.1 | 2.30 | | | 3.7 | 5065 | 382 | 38 | 0.85 | ZYK109 ZYKF109 ZYKA109 ZYBKA109 | 8P |
| 60 | 227 | 23.36 | 2.7 | 0.80 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | 4.2 | 4535 | 342 | 38 | 0.95 | | |
| 69 | 196 | 20.19 | 2.8 | 0.90 | | | 4.7 | 4044 | 305 | 38 | 1.05 | | |
| 82 | 167 | 17.15 | 2.8 | 1.05 | | | 5.5 | 3421 | 258 | 38 | 1.25 | | |
| 91 | 149 | 15.32 | 2.8 | 1.10 | | | 6.2 | 3076 | 232 | 38 | 1.40 | | |
| 107 | 127 | 13.08 | 2.8 | 1.25 | ZYK39 ZYKF39 ZYKA39 ZYKAF39 | 4P | 7.2 | 2639 | 199 | 38 | 1.60 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 6P |
| 115 | 118 | 12.14 | 2.8 | 1.30 | | | 4.9 | 4033 | 143.47 | 62 | 1.85 | | |
| 133 | 102 | 10.49 | 2.7 | 1.50 | | | 5.8 | 3414 | 121.46 | 62 | 2.20 | | |
| 157 | 87 | 8.91 | 2.7 | 1.75 | | | 6.3 | 3160 | 112.41 | 62 | 2.40 | | |
| 176 | 77 | 7.96 | 2.6 | 1.90 | | | 7.0 | 2832 | 100.75 | 62 | 2.70 | | |
| 206 | 66 | 6.80 | 2.6 | 2.20 | ZYK189R99 ZYKA189R99 | 4P | 6.1 | 3253 | 153.21 | 38 | 1.25 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P |
| 220 | 62 | 6.37 | 2.5 | 2.20 | | | 6.7 | 2979 | 140.28 | 38 | 1.35 | | |
| 261 | 52 | 5.36 | 2.5 | 2.60 | | | 7.6 | 2631 | 123.93 | 38 | 1.55 | | |
| 0.33 | 57945 | 4370 | 158 | 0.85 | | | 8.9 | 2232 | 105.13 | 38 | 1.85 | | |
| 0.51 | 37366 | 2818 | 171 | 1.35 | ZYK189R99 ZYKA189R99 | 4P | 8.1 | 2457 | 176.05 | 38 | 1.65 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P |
| 0.40 | 47855 | 3609 | 171 | 1.00 | | | 9.3 | 2138 | 153.21 | 38 | 1.90 | | |
| 0.47 | 40602 | 3062 | 171 | 1.20 | | | 10 | 1958 | 140.28 | 38 | 2.10 | | |
| 0.57 | 33401 | 2519 | 171 | 1.50 | | | 12 | 1730 | 123.93 | 38 | 2.30 | | |
| 0.63 | 30073 | 2268 | 171 | 1.65 | | | 14 | 1467 | 105.13 | 38 | 2.80 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P |
| 0.70 | 27236 | 2054 | 171 | 1.80 | ZYK169R99 ZYKA169R99 | 4P | 15 | 1351 | 96.80 | 38 | 3.00 | | |
| 0.79 | 24146 | 1821 | 171 | 2.10 | | | 9.7 | 2056 | 147.33 | 27 | 1.25 | | |
| 0.89 | 21282 | 1605 | 171 | 2.30 | | | 11 | 1771 | 126.91 | 27 | 1.45 | | |
| 0.52 | 36531 | 2755 | 135 | 0.85 | | | 12 | 1617 | 115.82 | 27 | 1.55 | | |
| 0.63 | 30020 | 2264 | 135 | 1.05 | ZYK169R99 ZYKA169R99 | 4P | | | | | | | |

选型参数表

(恒功率) 2.2kW-3kW

Selection Table

(Constant Power) 2.2kW-3kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--------------------------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|--|------------|
| 2.2kW | | | | | | | 2.2kW | | | | | | |
| 14 | 1434 | 102.71 | 27 | 1.75 | QYK89 QYKF89 QYKA89 QYKAF89 | 4P | 85 | 235 | 16.86 | 4.9 | 1.50 | ZYK49 QYKF49 QYKA49 QYKAF49 | 4P |
| 17 | 1205 | 86.34 | 27 | 2.10 | | | 90 | 221 | 15.86 | 4.9 | 1.60 | | |
| 18 | 1107 | 79.34 | 27 | 2.30 | | | 105 | 191 | 13.65 | 4.8 | 1.75 | | |
| 20 | 983 | 70.46 | 27 | 2.60 | | | 117 | 170 | 12.19 | 4.7 | 1.95 | | |
| 23 | 879 | 63.00 | 27 | 2.90 | | | 121 | 164 | 11.77 | 4.6 | 1.60 | | |
| 13 | 1579 | 113.10 | 14 | 0.90 | QYK79 QYKF79 QYKA79 QYKAF79 | 4P | 135 | 147 | 10.56 | 4.6 | 1.80 | QYK39 QYKF39 QYKA39 QYKAF39 | 4P |
| 15 | 1349 | 96.66 | 15 | 1.05 | | | 157 | 127 | 9.10 | 4.5 | 2.10 | | |
| 16 | 1237 | 88.61 | 16 | 1.15 | | | 109 | 183 | 13.08 | 2.3 | 0.85 | | |
| 18 | 1085 | 77.76 | 17 | 1.35 | | | 136 | 146 | 10.49 | 2.3 | 1.00 | | |
| 19 | 1029 | 73.69 | 17 | 1.40 | | | 160 | 124 | 8.91 | 2.3 | 1.20 | | |
| 22 | 900 | 64.49 | 17 | 1.60 | QYK79 QYKF79 QYKA79 QYKAF79 | 4P | 180 | 111 | 7.96 | 2.3 | 1.30 | QYK189R99 QYKA189R99 | 4P |
| 25 | 811 | 58.10 | 18 | 1.80 | | | 210 | 95 | 6.80 | 2.3 | 1.50 | | |
| 28 | 711 | 50.97 | 18 | 2.00 | | | 224 | 89 | 6.37 | 2.3 | 1.55 | | |
| 32 | 628 | 44.98 | 18 | 2.30 | | | 267 | 75 | 5.36 | 2.2 | 1.75 | | |
| 36 | 557 | 39.88 | 19 | 2.60 | | | 3kW | | | | | | |
| 41 | 489 | 35.05 | 19 | 3.00 | QYK79 QYKF79 QYKA79 QYKAF79 | 4P | 0.47 | 55366 | 3062 | 160 | 0.90 | QYK169R99 QYKA169R99 | 4P |
| 46 | 429 | 30.76 | 19 | 3.40 | | | 0.51 | 50954 | 2818 | 170 | 0.95 | | |
| 49 | 407 | 29.15 | 19 | 3.60 | | | 0.57 | 45547 | 2519 | 171 | 1.05 | | |
| 56 | 356 | 25.51 | 19 | 4.10 | | | 0.63 | 41009 | 2268 | 171 | 1.20 | | |
| 24 | 847 | 60.66 | 9.0 | 0.90 | | | 0.70 | 37140 | 2054 | 171 | 1.30 | | |
| 25 | 799 | 57.28 | 10 | 0.95 | QYK69 QYKF69 QYKA69 QYKAF69 | 4P | 0.79 | 32927 | 1821 | 171 | 1.50 | QYK159R99 QYKF159R99 QYKA159R99 QYKAF159R99 | 4P |
| 29 | 681 | 48.77 | 11 | 1.15 | | | 0.9 | 29021 | 1605 | 171 | 1.70 | | |
| 32 | 619 | 44.32 | 11 | 1.25 | | | 1.0 | 25224 | 1395 | 171 | 1.95 | | |
| 37 | 536 | 38.39 | 11 | 1.40 | | | 1.2 | 21626 | 1196 | 171 | 2.30 | | |
| 40 | 497 | 35.61 | 12 | 1.55 | | | 0.84 | 30811 | 1704 | 135 | 1.00 | | |
| 47 | 422 | 30.21 | 12 | 1.80 | QYK69 QYKF69 QYKA69 QYKAF69 | 4P | 1.0 | 25459 | 1408 | 135 | 1.20 | QYK129R89 QYKF129R89 QYKA129R89 QYKAF129R89 | 4P |
| 52 | 381 | 27.27 | 12 | 2.00 | | | 1.1 | 23434 | 1296 | 135 | 1.35 | | |
| 60 | 335 | 23.99 | 12 | 2.20 | | | 1.3 | 19908 | 1101 | 135 | 1.55 | | |
| 63 | 316 | 22.66 | 12 | 2.30 | | | 1.5 | 17069 | 944 | 135 | 1.85 | | |
| 74 | 269 | 19.29 | 12 | 2.60 | | | 1.7 | 15261 | 844 | 135 | 2.10 | | |
| 82 | 245 | 17.53 | 12 | 2.80 | QYK69 QYKF69 QYKA69 QYKAF69 | 4P | 1.9 | 13688 | 757 | 135 | 2.30 | QYK129R79 QYKF129R79 QYKA129R79 QYKAF129R79 | 4P |
| 94 | 212 | 15.19 | 12 | 3.10 | | | 1.2 | 22222 | 1229 | 104 | 0.80 | | |
| 108 | 185 | 13.22 | 12 | 3.40 | | | 1.3 | 19763 | 1093 | 105 | 0.90 | | |
| 115 | 174 | 12.48 | 12 | 2.80 | | | 1.5 | 17033 | 942 | 107 | 1.05 | | |
| 135 | 148 | 10.63 | 12 | 3.20 | | | 1.7 | 15424 | 853 | 108 | 1.15 | | |
| 148 | 135 | 9.66 | 12 | 3.30 | QYK69 QYKF69 QYKA69 QYKAF69 | 4P | 1.9 | 13670 | 756 | 108 | 1.30 | QYK109R79 QYKF109R79 QYKA109R79 QYKAF109R79 | 4P |
| 171 | 117 | 8.37 | 12 | 3.50 | | | 2.5 | 10252 | 567 | 109 | 1.75 | | |
| 196 | 102 | 7.28 | 12 | 3.90 | | | 2.8 | 9113 | 504 | 110 | 1.95 | | |
| 32 | 620 | 44.43 | 4.8 | 0.90 | | | 2.7 | 9746 | 539 | 77 | 1.30 | | |
| 37 | 537 | 38.49 | 7.5 | 1.05 | | | 3.0 | 8607 | 476 | 77 | 1.50 | | |
| 40 | 498 | 35.70 | 7.8 | 1.15 | QYK59 QYKF59 QYKA59 QYKAF59 | 4P | 3.4 | 7594 | 420 | 77 | 1.70 | QYK109R79 QYKF109R79 QYKA109R79 QYKAF109R79 | 4P |
| 47 | 423 | 30.28 | 7.8 | 1.35 | | | 3.9 | 6654 | 368 | 78 | 1.95 | | |
| 52 | 382 | 27.34 | 7.8 | 1.45 | | | 4.3 | 5985 | 331 | 78 | 2.15 | | |
| 59 | 336 | 24.05 | 7.6 | 1.65 | | | 5.0 | 5189 | 287 | 78 | 2.45 | | |
| 63 | 317 | 22.71 | 7.6 | 1.75 | | | 1.8 | 14284 | 790 | 73 | 0.90 | | |
| 74 | 270 | 19.34 | 7.4 | 2.00 | QYK59 QYKF59 QYKA59 QYKAF59 | 4P | 2.0 | 12729 | 704 | 75 | 1.00 | QYK109R79 QYKF109R79 QYKA109R79 QYKAF109R79 | 4P |
| 81 | 245 | 17.57 | 7.2 | 2.10 | | | 2.3 | 11030 | 610 | 76 | 1.20 | | |
| 94 | 212 | 15.22 | 7.1 | 2.40 | | | 2.6 | 9927 | 549 | 77 | 1.30 | | |
| 108 | 185 | 13.25 | 6.9 | 2.60 | | | 3.0 | 8625 | 477 | 77 | 1.50 | | |
| 120 | 166 | 11.92 | 6.5 | 2.30 | | | 3.4 | 7576 | 419 | 77 | 1.75 | | |
| 127 | 157 | 11.26 | 6.5 | 2.50 | QYK49 QYKF49 QYKA49 QYKAF49 | 4P | 3.1 | 8336 | 461 | 62 | 0.95 | QYK109R79 QYKF109R79 QYKA109R79 QYKAF109R79 | 4P |
| 55 | 362 | 25.91 | 5.0 | 1.05 | | | 3.5 | 7377 | 408 | 62 | 1.05 | | |
| 66 | 304 | 21.81 | 5.0 | 1.25 | | | 3.9 | 6582 | 364 | 62 | 1.20 | | |
| 73 | 273 | 19.58 | 5.0 | 1.35 | | | 4.5 | 5750 | 318 | 62 | 1.40 | | |
| | | | | | | | 5.0 | 5171 | 286 | 62 | 1.55 | | |
| | | | | | | | 5.7 | 4538 | 251 | 62 | 1.75 | | |
| | | | | | | | 6.4 | 4014 | 222 | 62 | 2.00 | | |
| | | | | | | | 7.3 | 3544 | 196 | 62 | 2.25 | | |

ZYK 系列斜齿轮-锥齿轮减速电机

选型参数表

(恒功率) 3kW-4kW

Selection Table

(Constant Power) 3kW-4kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|-------------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|------------------|------------|
| 3kW | | | | | | | 3kW | | | | | | |
| | | | | | ZYK109R79 ZYKF109R79 | 4P | 32 | 844 | 44.32 | 9.0 | 0.90 | | |
| 8.2 | 3146 | 174 | 62 | 2.55 | | | 37 | 731 | 38.39 | 10 | 1.00 | ZYK69 | |
| 9.3 | 2785 | 154 | 62 | 2.85 | ZYKA109R79 | | 40 | 678 | 35.61 | 11 | 1.15 | ZYKF69 | 4P |
| 10 | 2531 | 140 | 62 | 3.15 | ZYKAF109R79 | | 47 | 575 | 30.21 | 11 | 1.35 | ZYKA69 | |
| | | | | | | | 52 | 519 | 27.27 | 11 | 1.45 | ZYKAF69 | |
| 5.5 | 4665 | 258 | 38 | 0.90 | ZYK99R59 | | 60 | 457 | 23.99 | 12 | 1.65 | | |
| 6.2 | 4195 | 232 | 38 | 1.00 | ZYKF99R59 | 4P | | | | | | | |
| 7.2 | 3598 | 199 | 38 | 1.20 | ZYKA99R59 | | 63 | 431 | 22.66 | 12 | 1.70 | | |
| | | | | | ZYKAF99R59 | | 74 | 367 | 19.29 | 12 | 1.95 | | |
| 4.9 | 5500 | 143.47 | 62 | 1.40 | ZYK109 | | 82 | 334 | 17.53 | 12 | 2.10 | ZYK69 | |
| 5.8 | 4656 | 121.46 | 62 | 1.65 | ZYKF109 | | 94 | 289 | 15.19 | 12 | 2.20 | ZYKF69 | 4P |
| 6.3 | 4309 | 112.41 | 62 | 1.80 | ZYKA109 | 8P | 108 | 252 | 13.22 | 12 | 2.50 | ZYKA69 | |
| 7.0 | 3862 | 100.75 | 62 | 2.00 | ZYKAF109 | | 115 | 238 | 12.48 | 12 | 2.10 | ZYKAF69 | |
| 7.8 | 3487 | 90.96 | 62 | 2.20 | | | 135 | 202 | 10.63 | 12 | 2.30 | | |
| 6.7 | 4068 | 143.47 | 62 | 1.85 | ZYK109 | | 148 | 184 | 9.66 | 12 | 2.40 | | |
| 7.9 | 3444 | 121.46 | 62 | 2.20 | ZYKF109 | | | | | | | | |
| 8.5 | 3187 | 112.41 | 62 | 2.30 | ZYKA109 | 6P | 47 | 576 | 30.28 | 6.8 | 0.95 | ZYK59 | |
| 9.5 | 2856 | 100.75 | 62 | 2.60 | ZYKAF109 | | 52 | 520 | 27.34 | 6.8 | 1.05 | ZYKF59 | 4P |
| | | | | | | | 59 | 458 | 24.05 | 6.8 | 1.20 | ZYKA59 | |
| 10 | 2731 | 143.47 | 62 | 2.70 | ZYK109 | | | | | | | ZYKAF59 | |
| 12 | 2312 | 121.46 | 62 | 3.20 | ZYKF109 | 4P | 63 | 432 | 22.71 | 6.8 | 1.30 | | |
| | | | | | ZYKA109 | | 74 | 368 | 19.34 | 6.7 | 1.45 | | |
| | | | | | ZYKAF109 | | 81 | 334 | 17.57 | 6.7 | 1.55 | | |
| 7.7 | 3514 | 123.93 | 38 | 1.15 | ZYK99 | | 94 | 290 | 15.22 | 6.5 | 1.70 | ZYK59 | |
| 9.1 | 2981 | 105.13 | 38 | 1.35 | ZYKF99 | | 108 | 252 | 13.25 | 6.4 | 1.90 | ZYKF59 | 4P |
| 9.9 | 2744 | 96.80 | 38 | 1.45 | ZYKA99 | 6P | 120 | 227 | 11.92 | 6.1 | 1.70 | ZYKA59 | |
| 11 | 2453 | 86.52 | 38 | 1.65 | ZYKAF99 | | 127 | 214 | 11.26 | 6.1 | 1.80 | ZYKAF59 | |
| 8.1 | 3351 | 176.05 | 38 | 1.20 | ZYK99 | | 149 | 183 | 9.59 | 5.9 | 2.10 | | |
| 9.3 | 2916 | 153.21 | 38 | 1.35 | ZYKF99 | | 164 | 166 | 8.71 | 5.8 | 2.20 | | |
| 10 | 2670 | 140.28 | 38 | 1.50 | ZYKA99 | 4P | 189 | 144 | 7.55 | 5.6 | 2.40 | | |
| 12 | 2359 | 123.93 | 38 | 1.70 | ZYKAF99 | | 218 | 125 | 6.57 | 5.5 | 2.60 | | |
| 14 | 2001 | 105.13 | 38 | 2.00 | | | | | | | | | |
| 15 | 1842 | 96.80 | 38 | 2.20 | ZYK99 | | 73 | 373 | 19.58 | 4.2 | 1.00 | ZYK49 | |
| 17 | 1647 | 86.52 | 38 | 2.40 | ZYKF99 | | 85 | 321 | 16.86 | 4.3 | 1.10 | ZYKF49 | 4P |
| 18 | 1482 | 77.89 | 38 | 2.70 | ZYKA99 | 4P | 90 | 302 | 15.86 | 4.3 | 1.15 | ZYKA49 | |
| 20 | 1343 | 70.54 | 38 | 3.00 | ZYKAF99 | | | | | | | ZYKAF49 | |
| 23 | 1191 | 62.55 | 38 | 3.40 | | | 105 | 260 | 13.65 | 4.3 | 1.30 | | |
| 25 | 1076 | 56.55 | 38 | 3.70 | | | 117 | 232 | 12.19 | 4.3 | 1.40 | | |
| 9.7 | 2804 | 147.33 | 26 | 0.90 | ZYK89 | | 121 | 224 | 11.77 | 4.2 | 1.15 | ZYK49 | |
| 11 | 2416 | 126.91 | 26 | 1.05 | ZYKF89 | | 135 | 201 | 10.56 | 4.1 | 1.30 | ZYKF49 | 4P |
| 12 | 2204 | 115.82 | 26 | 1.15 | ZYKA89 | 4P | 157 | 173 | 9.10 | 4.1 | 1.50 | ZYKA49 | |
| 14 | 1955 | 102.71 | 27 | 1.30 | ZYKAF89 | | 167 | 163 | 8.56 | 4.1 | 1.55 | ZYKAF49 | |
| 17 | 1643 | 86.34 | 27 | 1.55 | | | 194 | 140 | 7.36 | 4.0 | 1.65 | | |
| 18 | 1510 | 79.34 | 27 | 1.65 | | | 217 | 125 | 6.58 | 3.9 | 1.80 | | |
| 20 | 1341 | 70.46 | 27 | 1.85 | ZYK89 | | 254 | 107 | 5.62 | 3.8 | 1.95 | | |
| 23 | 1199 | 63.00 | 27 | 2.10 | ZYKF89 | | | | | | | | |
| 25 | 1078 | 56.64 | 27 | 2.30 | ZYKA89 | 4P | 160 | 170 | 8.91 | 1.9 | 0.90 | ZYK39 | |
| 29 | 936 | 49.16 | 27 | 2.70 | ZYKAF89 | | 180 | 152 | 7.96 | 1.9 | 0.95 | ZYKF39 | 4P |
| 32 | 838 | 44.02 | 27 | 2.90 | | | 210 | 129 | 6.80 | 2.0 | 1.10 | ZYKA39 | |
| 39 | 695 | 36.52 | 27 | 3.30 | | | 224 | 121 | 6.37 | 2.0 | 1.10 | ZYKAF39 | |
| 16 | 1687 | 88.61 | 12 | 0.85 | | | 267 | 102 | 5.36 | 2.0 | 1.30 | | |
| 18 | 1480 | 77.76 | 14 | 0.95 | ZYK79 | | 4kW | | | | | | |
| 19 | 1403 | 73.69 | 15 | 1.00 | ZYKF79 | | 1.7 | 19991 | 835 | 171 | 2.50 | ZYK189R109 | 4P |
| 22 | 1227 | 64.49 | 16 | 1.15 | ZYKA79 | 4P | 2.8 | 12449 | 520 | 171 | 4.00 | ZYKA189R109 | |
| 25 | 1106 | 58.10 | 17 | 1.30 | ZYKAF79 | | 0.57 | 60308 | 2519 | 152 | 0.80 | | |
| 28 | 970 | 50.97 | 17 | 1.50 | | | 0.63 | 54299 | 2268 | 162 | 0.90 | | |
| 32 | 856 | 44.98 | 18 | 1.70 | ZYK79 | | 0.70 | 49175 | 2054 | 170 | 1.00 | ZYK189R99 | |
| 36 | 759 | 39.88 | 18 | 1.90 | ZYKF79 | 4P | 0.79 | 43597 | 1821 | 171 | 1.10 | ZYKA189R99 | 4P |
| 41 | 667 | 35.05 | 18 | 2.20 | ZYKA79 | | 0.9 | 38426 | 1605 | 171 | 1.25 | | |
| 46 | 585 | 30.76 | 18 | 2.50 | ZYKAF79 | | 1.0 | 33398 | 1395 | 171 | 1.45 | | |
| | | | | | | | 1.2 | 28634 | 1196 | 171 | 1.70 | | |

选型参数表

(恒功率) 4kW

Selection Table

(Constant Power) 4kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 4kW | | | | | | |
| 1.4 | 25043 | 1046 | 171 | 1.95 | ZYK189R99 | 4P |
| 1.5 | 22625 | 945 | 171 | 2.20 | ZYKA189R99 | |
| 1.0 | 33709 | 1408 | 135 | 0.90 | ZYK169R99 ZYKA169R99 | 4P |
| 1.1 | 31028 | 1296 | 135 | 1.00 | | |
| 1.3 | 26359 | 1101 | 135 | 1.20 | | |
| 1.5 | 22601 | 944 | 135 | 1.40 | | |
| 1.7 | 20206 | 844 | 135 | 1.55 | | |
| 1.9 | 18124 | 757 | 135 | 1.75 | | |
| 2.3 | 15131 | 632 | 135 | 2.10 | | |
| 1.7 | 20422 | 853 | 105 | 0.85 | ZYK159R99 ZYKF159R99 ZYKA159R99 ZYKAF159R99 | 4P |
| 1.9 | 18100 | 756 | 106 | 1.00 | | |
| 2.5 | 13575 | 567 | 108 | 1.30 | | |
| 2.9 | 12066 | 504 | 109 | 1.45 | | |
| 3.3 | 10391 | 434 | 109 | 1.70 | ZYK129R89 ZYKF129R89 ZYKA129R89 ZYKAF129R89 | 4P |
| 2.7 | 12904 | 539 | 75 | 1.00 | | |
| 3.0 | 11396 | 476 | 76 | 1.15 | | |
| 3.4 | 10055 | 420 | 77 | 1.30 | | |
| 3.9 | 8810 | 368 | 77 | 1.45 | | |
| 4.4 | 7925 | 331 | 77 | 1.65 | | |
| 5.0 | 6871 | 287 | 78 | 1.90 | | |
| 5.7 | 6081 | 254 | 78 | 2.15 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | 4P |
| 2.4 | 14604 | 610 | 72 | 0.90 | | |
| 2.6 | 13144 | 549 | 75 | 1.00 | | |
| 3.0 | 11420 | 477 | 76 | 1.15 | | |
| 3.4 | 10031 | 419 | 76 | 1.30 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 4P |
| 4.0 | 8715 | 364 | 62 | 0.90 | | |
| 4.5 | 7613 | 318 | 62 | 1.05 | | |
| 5.0 | 6847 | 286 | 62 | 1.15 | | |
| 5.7 | 6009 | 251 | 62 | 1.35 | | |
| 6.5 | 5315 | 222 | 62 | 1.50 | | |
| 7.3 | 4692 | 196 | 62 | 1.70 | | |
| 8.3 | 4166 | 174 | 62 | 1.90 | | |
| 9.4 | 3687 | 154 | 62 | 2.15 | | |
| 10 | 3352 | 140 | 62 | 2.40 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 4P |
| 7.2 | 4764 | 199 | 38 | 0.90 | | |
| 5.3 | 6862 | 136.14 | 78 | 1.80 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 8P |
| 5.9 | 6173 | 122.48 | 78 | 2.00 | | |
| 6.5 | 5553 | 110.18 | 78 | 2.20 | | |
| 6.6 | 5146 | 146.07 | 78 | 2.20 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 6P |
| 7.1 | 4630 | 136.14 | 78 | 2.40 | | |
| 7.8 | 4165 | 122.48 | 78 | 2.70 | | |
| 8.7 | 4249 | 110.18 | 78 | 3.00 | | |
| 6.4 | 5666 | 112.41 | 62 | 1.35 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 8P |
| 7.1 | 5078 | 100.75 | 62 | 1.50 | | |
| 7.9 | 4585 | 90.96 | 62 | 1.65 | | |
| 8.7 | 4164 | 82.61 | 62 | 1.85 | | |
| 6.7 | 5423 | 143.47 | 62 | 1.40 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 6P |
| 7.9 | 4591 | 121.46 | 62 | 1.65 | | |
| 8.5 | 4249 | 112.41 | 62 | 1.80 | | |
| 9.5 | 3809 | 100.75 | 62 | 2.00 | | |
| 11 | 3438 | 90.96 | 62 | 2.20 | | |
| 4kW | | | | | | |
| 10 | 3616 | 143.47 | 62 | 2.10 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P |
| 12 | 3061 | 121.46 | 62 | 2.50 | | |
| 13 | 2833 | 112.41 | 62 | 2.70 | | |
| 14 | 2539 | 100.75 | 62 | 3.00 | | |
| 16 | 2292 | 90.96 | 62 | 3.30 | | |
| 17 | 2082 | 82.61 | 62 | 3.60 | | |
| 20 | 1847 | 73.30 | 62 | 4.10 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P |
| 9.4 | 3861 | 153.21 | 38 | 1.05 | | |
| 10 | 3535 | 140.28 | 38 | 1.15 | | |
| 12 | 3123 | 123.93 | 38 | 1.30 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P |
| 14 | 2649 | 105.13 | 38 | 1.50 | | |
| 15 | 2439 | 96.80 | 38 | 1.65 | | |
| 17 | 2180 | 86.52 | 38 | 1.85 | | |
| 18 | 1963 | 77.89 | 38 | 2.00 | | |
| 20 | 1778 | 70.54 | 38 | 2.30 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P |
| 12 | 2919 | 115.82 | 25 | 0.85 | | |
| 14 | 2588 | 102.71 | 26 | 1.00 | | |
| 17 | 2176 | 86.34 | 26 | 1.15 | | |
| 18 | 1999 | 79.34 | 27 | 1.25 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P |
| 20 | 1776 | 70.46 | 27 | 1.40 | | |
| 23 | 1588 | 63.00 | 27 | 1.60 | | |
| 25 | 1427 | 56.64 | 27 | 1.75 | | |
| 29 | 1239 | 49.16 | 27 | 2.00 | | |
| 33 | 1109 | 44.02 | 27 | 2.20 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P |
| 39 | 920 | 36.52 | 26 | 2.50 | | |
| 22 | 1625 | 64.49 | 13 | 0.90 | | |
| 25 | 1464 | 58.10 | 14 | 1.00 | | |
| 28 | 1285 | 50.97 | 16 | 1.15 | | |
| 32 | 1134 | 44.98 | 17 | 1.30 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 4P |
| 36 | 1005 | 39.88 | 17 | 1.45 | | |
| 38 | 963 | 38.23 | 17 | 1.45 | | |
| 41 | 883 | 35.05 | 18 | 1.65 | | |
| 47 | 775 | 30.76 | 18 | 1.85 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 4P |
| 49 | 735 | 29.15 | 18 | 1.95 | | |
| 56 | 643 | 25.51 | 18 | 2.20 | | |
| 63 | 579 | 22.98 | 19 | 2.50 | | |
| 71 | 508 | 20.16 | 19 | 2.80 | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 4P |
| 48 | 761 | 30.21 | 10 | 1.00 | | |
| 53 | 687 | 27.27 | 10 | 1.10 | | |
| 60 | 605 | 23.99 | 11 | 1.25 | | |
| 64 | 571 | 22.66 | 11 | 1.30 | | |
| 75 | 486 | 19.29 | 12 | 1.45 | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 4P |
| 82 | 442 | 17.53 | 12 | 1.55 | | |
| 95 | 383 | 15.19 | 12 | 1.70 | | |
| 109 | 333 | 13.22 | 12 | 1.90 | | |
| 115 | 315 | 12.48 | 12 | 1.60 | | |
| 135 | 268 | 10.63 | 12 | 1.75 | | |
| 149 | 243 | 9.66 | 12 | 1.85 | | |
| 172 | 211 | 8.37 | 12 | 1.95 | | |
| 198 | 183 | 7.28 | 11 | 2.10 | | |

选型参数表

(恒功率) 4kW-5.5kW

Selection Table

(Constant Power) 4kW-5.5kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | | |
|------------------|---------------|--------|------------------|-------|--|------------|------------------|---------------|--------|--------------------------------------|-------|--|------------|--------------------------------------|----|
| 4kW | | | | | | | 5.5kW | | | | | | | | |
| 60 | 606 | 24.05 | 5.8 | 0.95 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 4P | 7.1 | 7076 | 136.14 | 78 | 1.75 | ZYK129 | 6P | | |
| 63 | 572 | 22.71 | 5.9 | 1.00 | | | 7.8 | 6366 | 122.48 | 78 | 1.95 | ZYKF129 | | | |
| 74 | 487 | 19.34 | 5.9 | 1.10 | | | 8.7 | 5727 | 110.18 | 78 | 2.20 | ZYKA129 | | | |
| 82 | 443 | 17.57 | 5.9 | 1.15 | | | 11 | 4672 | 89.89 | 78 | 2.60 | ZYKAF129 | | | |
| 95 | 384 | 15.22 | 5.9 | 1.30 | | | 8.5 | 5843 | 112.41 | 62 | 1.30 | ZYK109 | 6P | | |
| 109 | 334 | 13.25 | 5.8 | 1.45 | | | 9.5 | 5237 | 100.75 | 62 | 1.45 | ZYKF109 | | | |
| 121 | 300 | 11.92 | 5.5 | 1.30 | | | 11 | 4728 | 90.96 | 62 | 1.60 | ZYKA109 | | | |
| 128 | 284 | 11.26 | 5.5 | 1.35 | | | 12 | 4294 | 82.61 | 62 | 1.75 | ZYKAF109 | | | |
| 150 | 242 | 9.59 | 5.4 | 1.55 | | | 10 | 4972 | 143.47 | 62 | 1.80 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P | | |
| 165 | 220 | 8.71 | 5.4 | 1.65 | | | 12 | 4209 | 121.46 | 62 | 1.80 | | | | |
| 191 | 190 | 7.55 | 5.3 | 1.80 | | | 13 | 3895 | 112.41 | 62 | 1.95 | | | | |
| 219 | 166 | 6.57 | 5.1 | 1.95 | 14 | 3491 | 100.75 | 62 | 2.20 | | | | | | |
| 5.5kW | | | | | | | 16 | 3152 | 90.96 | 62 | 2.40 | ZYKAF109 | | | |
| 0.8 | 59946 | 1821 | 153 | 0.80 | ZYK189R99 ZYKA189R99 | 4P | 17 | 2863 | 82.61 | 62 | 2.60 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P | | |
| 0.9 | 52835 | 1605 | 165 | 0.95 | | | 12 | 4294 | 123.93 | 38 | 0.95 | | | | |
| 1.0 | 45922 | 1395 | 171 | 1.05 | | | 14 | 3643 | 105.13 | 38 | 1.10 | | | | |
| 1.2 | 39371 | 1196 | 171 | 1.25 | | | 15 | 3354 | 96.80 | 38 | 1.20 | | | | |
| 1.4 | 34434 | 1046 | 171 | 1.45 | | | 17 | 2998 | 86.52 | 38 | 1.35 | | | | |
| 1.5 | 31109 | 945 | 171 | 1.60 | | | 18 | 2699 | 77.89 | 38 | 1.50 | | | | |
| 2.0 | 24294 | 738 | 171 | 2.00 | | | 20 | 2444 | 70.54 | 38 | 1.65 | | | | |
| 2.3 | 20443 | 621 | 171 | 2.40 | 23 | 2167 | 62.55 | 38 | 1.85 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P | | | | |
| 1.3 | 36244 | 1101 | 135 | 0.85 | 25 | 1960 | 56.55 | 38 | 2.10 | | | | | | |
| 1.5 | 31076 | 944 | 135 | 1.00 | 30 | 1661 | 47.93 | 37 | 2.40 | | | | | | |
| 1.7 | 27784 | 844 | 135 | 1.15 | ZYK169R99 ZYKA169R99 | 4P | 17 | 2992 | 86.34 | 25 | 0.85 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P | | |
| 1.9 | 24920 | 757 | 135 | 1.25 | | | 18 | 2749 | 79.34 | 26 | 0.95 | | | | |
| 2.3 | 20805 | 632 | 135 | 1.50 | | | 20 | 2442 | 70.46 | 26 | 1.05 | | | | |
| 2.6 | 18468 | 561 | 135 | 1.70 | | | 23 | 2183 | 63.00 | 26 | 1.15 | | | | |
| 3.0 | 15834 | 481 | 135 | 2.00 | | | 25 | 1963 | 56.64 | 26 | 1.30 | | | | |
| 3.4 | 13925 | 423 | 135 | 2.30 | | | 29 | 1703 | 49.16 | 26 | 1.50 | | | | |
| 2.2 | 21760 | 661 | 104 | 0.80 | | | 33 | 1525 | 44.02 | 25 | 1.60 | | | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P |
| 2.5 | 18665 | 567 | 106 | 0.95 | 39 | 1265 | 36.52 | 25 | 1.85 | | | | | | |
| 2.9 | 16591 | 504 | 107 | 1.05 | 46 | 1087 | 31.38 | 24 | 2.30 | | | | | | |
| 3.3 | 14287 | 434 | 108 | 1.25 | 52 | 966 | 27.87 | 23 | 2.50 | | | | | | |
| 3.8 | 12476 | 379 | 109 | 1.45 | ZYK159R99 ZYKF159R99 ZYKA159R99 ZYKAF159R99 | 4P | 32 | 1559 | 44.98 | 14 | 0.95 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 4P | | |
| 4.3 | 10962 | 333 | 109 | 1.60 | | | 36 | 1382 | 39.88 | 15 | 1.05 | | | | |
| 3.4 | 13826 | 420 | 74 | 0.95 | | | 47 | 1066 | 30.76 | 17 | 1.35 | | | | |
| 3.9 | 12114 | 368 | 76 | 1.05 | | | 49 | 1010 | 29.15 | 17 | 1.45 | | | | |
| 4.4 | 10896 | 331 | 76 | 1.20 | | | 56 | 884 | 25.51 | 18 | 1.65 | | | | |
| 5.0 | 9448 | 287 | 77 | 1.35 | | | 63 | 796 | 22.98 | 18 | 1.85 | | | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 4P |
| 5.7 | 8362 | 254 | 77 | 1.55 | | | 71 | 699 | 20.16 | 18 | 2.00 | | | | |
| 6.8 | 7012 | 213 | 78 | 1.85 | 81 | 616 | 17.79 | 18 | 2.20 | | | | | | |
| 7.2 | 6617 | 201 | 78 | 1.95 | 91 | 546 | 15.77 | 18 | 2.40 | | | | | | |
| 8.6 | 5498 | 167 | 78 | 2.35 | 107 | 467 | 13.47 | 18 | 2.70 | | | | | | |
| 9.8 | 4839 | 147 | 78 | 2.70 | 115 | 432 | 12.48 | 17 | 2.20 | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 4P | | | | |
| 6.5 | 7308 | 222 | 62 | 1.10 | 132 | 379 | 10.95 | 17 | 2.50 | | | | | | |
| 7.3 | 6452 | 196 | 62 | 1.25 | 60 | 831 | 23.99 | 9.2 | 0.90 | | | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 4P | | |
| 8.3 | 5728 | 174 | 62 | 1.40 | 64 | 785 | 22.66 | 10 | 0.95 | | | | | | |
| 9.4 | 5070 | 154 | 62 | 1.60 | 75 | 668 | 19.29 | 11 | 1.05 | | | | | | |
| 10 | 4609 | 140 | 62 | 1.75 | 82 | 607 | 17.53 | 11 | 1.15 | | | | | | |
| 4.8 | 10424 | 150.41 | 109 | 1.60 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 8P | 95 | 526 | 15.19 | 11 | 1.25 | | | | |
| 5.9 | 8482 | 122.39 | 110 | 2.00 | | | 109 | 458 | 13.22 | 12 | 1.40 | ZYK69 ZYKF69 ZYKA69 ZYKAF69 | 4P | | |
| 7.2 | 6946 | 100.22 | 110 | 2.40 | | | 115 | 432 | 12.48 | 12 | 1.15 | | | | |
| 7.9 | 6352 | 91.65 | 110 | 2.70 | | | 135 | 368 | 10.63 | 12 | 1.30 | | | | |
| 5.3 | 9435 | 136.14 | 77 | 1.30 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 8P | 149 | 335 | 9.66 | 12 | 1.35 | | | | |
| 5.9 | 8488 | 122.48 | 77 | 1.45 | | | 172 | 290 | 8.37 | 11 | 1.45 | | | | |
| 6.5 | 7636 | 110.18 | 77 | 1.60 | | | 198 | 252 | 7.28 | 11 | 1.55 | | | | |
| 8.0 | 6230 | 89.89 | 78 | 1.95 | | | | | | | | | | | |

选型参数表

(恒功率) 5.5kW-7.5kW

Selection Table

(Constant Power) 5.5kW-7.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 5.5kW | | | | | | | 7.5kW | | | | | | |
| 82 | 609 | 17.57 | 4.8 | 0.85 | ZYK59 ZYKF59 ZYKA59 ZYKAF59 | 4P | 16 | 4248 | 89.89 | 78 | 2.90 | ZYK129 | 4P |
| 95 | 527 | 15.22 | 4.9 | 0.95 | | | 18 | 3874 | 81.98 | 78 | 3.20 | ZYKF129 | |
| 109 | 459 | 13.25 | 5.0 | 1.05 | | | 20 | 3353 | 70.95 | 78 | 3.70 | ZYKA129 | |
| 121 | 413 | 11.92 | 4.7 | 0.95 | | | | | | | | ZYKAF129 | |
| 128 | 390 | 11.26 | 4.7 | 1.00 | | | 10 | 6779 | 143.47 | 62 | 1.10 | ZYK109 | 4P |
| 150 | 332 | 9.59 | 4.7 | 1.15 | | | 12 | 5739 | 121.46 | 62 | 1.30 | ZYKF109 | |
| 165 | 302 | 8.71 | 4.7 | 1.20 | | | 13 | 5312 | 112.41 | 62 | 1.40 | ZYKA109 | |
| 191 | 262 | 7.55 | 4.7 | 1.30 | | | | | | | | ZYKAF109 | |
| 219 | 228 | 6.57 | 4.7 | 1.45 | | | 14 | 4761 | 100.75 | 62 | 1.60 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P |
| 7.5kW | | | | | | | 16 | 4298 | 90.96 | 61 | 1.75 | | |
| 1.7 | 37483 | 835 | 171 | 1.30 | ZYK189R109 ZYKA189R109 | 4P | 17 | 3904 | 82.61 | 60 | 1.95 | | |
| 2.0 | 32725 | 729 | 171 | 1.50 | | | 20 | 3464 | 73.30 | 59 | 2.20 | | |
| 2.3 | 27922 | 622 | 171 | 1.75 | | | 22 | 3143 | 66.52 | 58 | 2.40 | | |
| 1.2 | 53688 | 1196 | 163 | 0.90 | ZYK189R99 ZYKA189R99 | 4P | 25 | 2701 | 57.17 | 56 | 2.80 | | |
| 1.4 | 46955 | 1046 | 171 | 1.05 | | | 29 | 2358 | 49.90 | 55 | 3.10 | | |
| 1.5 | 42421 | 945 | 171 | 1.15 | | | 34 | 2000 | 42.33 | 53 | 3.50 | | |
| 2.0 | 33129 | 738 | 171 | 1.45 | | | 39 | 1748 | 37.00 | 51 | 3.90 | | |
| 2.3 | 27877 | 621 | 171 | 1.75 | | | 15 | 4574 | 96.80 | 36 | 0.90 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P |
| 2.7 | 23657 | 527 | 171 | 2.10 | | | 17 | 4088 | 86.52 | 36 | 1.00 | | |
| 1.7 | 37887 | 844 | 135 | 0.85 | ZYK169R99 ZYKA169R99 | 4P | 18 | 3681 | 77.89 | 36 | 1.10 | | |
| 1.9 | 33982 | 757 | 135 | 0.90 | | | 20 | 3333 | 70.54 | 36 | 1.20 | | |
| 2.3 | 28370 | 632 | 135 | 1.10 | | | 23 | 2956 | 62.55 | 36 | 1.35 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P |
| 2.6 | 25183 | 561 | 135 | 1.25 | | | 25 | 2672 | 56.55 | 35 | 1.50 | | |
| 3.0 | 21592 | 481 | 135 | 1.45 | | | 30 | 2265 | 47.93 | 35 | 1.80 | | |
| 3.4 | 18988 | 423 | 135 | 1.65 | | | 34 | 1978 | 41.87 | 34 | 2.00 | | |
| 3.9 | 16564 | 369 | 135 | 1.90 | | | 38 | 1809 | 38.29 | 33 | 2.20 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P |
| 3.3 | 19482 | 434 | 106 | 0.95 | ZYK159R99 ZYKF159R99 ZYKA159R99 ZYKAF159R99 | 4P | 42 | 1617 | 34.22 | 33 | 2.50 | | |
| 3.8 | 17013 | 379 | 107 | 1.05 | | | 23 | 2977 | 63.00 | 23 | 0.85 | | |
| 4.3 | 14948 | 333 | 108 | 1.20 | | | 25 | 2676 | 56.64 | 23 | 0.95 | | |
| 4.9 | 13063 | 291 | 108 | 1.40 | | | 29 | 2323 | 49.16 | 23 | 1.10 | | |
| 4.4 | 14859 | 331 | 72 | 0.90 | ZYK129R89 ZYKF129R89 ZYKA129R89 ZYKAF129R89 | 4P | 33 | 2080 | 44.02 | 23 | 1.20 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P |
| 5.0 | 12883 | 287 | 75 | 1.00 | | | 39 | 1726 | 36.52 | 23 | 1.35 | | |
| 5.7 | 11402 | 254 | 76 | 1.15 | | | 46 | 1483 | 31.38 | 22 | 1.70 | | |
| 6.8 | 9562 | 213 | 77 | 1.35 | | | 52 | 1317 | 27.87 | 22 | 1.85 | | |
| 7.2 | 9023 | 201 | 77 | 1.45 | | | 58 | 1178 | 24.92 | 22 | 2.00 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 4P |
| 8.6 | 7497 | 167 | 78 | 1.75 | | | 64 | 1058 | 22.40 | 21 | 2.00 | | |
| 9.8 | 6599 | 147 | 78 | 2.00 | | | 74 | 919 | 19.45 | 21 | 2.40 | | |
| 4.4 | 15546 | 164.50 | 135 | 1.95 | ZYK169 | 8P | 83 | 823 | 17.41 | 20 | 2.50 | | |
| 5.3 | 12757 | 134.99 | 135 | 2.40 | ZYKA169 | | 90 | 756 | 16.00 | 20 | 2.20 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 4P |
| 5.9 | 11539 | 164.50 | 135 | 2.60 | ZYK169 | 6P | 100 | 682 | 14.44 | 20 | 2.90 | | |
| 7.2 | 9469 | 134.99 | 135 | 3.20 | ZYKA169 | | 47 | 1453 | 30.76 | 15 | 1.00 | | |
| 6.4 | 10551 | 150.41 | 109 | 1.60 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 6P | 49 | 1377 | 29.15 | 15 | 1.05 | | |
| 7.9 | 8585 | 122.39 | 110 | 1.95 | | | 56 | 1205 | 25.51 | 16 | 1.20 | | |
| 9.7 | 7030 | 100.22 | 110 | 2.40 | | | 63 | 1086 | 22.98 | 17 | 1.35 | | |
| 11 | 6429 | 91.65 | 110 | 2.60 | | | 71 | 953 | 20.16 | 17 | 1.50 | | |
| 12 | 5594 | 79.75 | 110 | 3.00 | | | 81 | 841 | 17.79 | 18 | 1.60 | ZYK79 ZYKF79 ZYKA79 ZYKAF79 | 4P |
| 7 | 9550 | 136.14 | 77 | 1.30 | ZYK129 | 6P | 91 | 745 | 15.77 | 17 | 1.75 | | |
| 8 | 8592 | 122.48 | 77 | 1.40 | ZYKF129 | | 107 | 636 | 13.47 | 17 | 2.00 | | |
| 9 | 7729 | 110.18 | 77 | 1.60 | ZYKA129 | | 115 | 590 | 12.48 | 16 | 1.60 | | |
| 11 | 6306 | 89.89 | 78 | 1.95 | ZYKAF129 | | 132 | 517 | 10.95 | 16 | 1.80 | | |
| 9.9 | 6902 | 146.07 | 78 | 1.80 | ZYK129 | 4P | 149 | 456 | 9.66 | 15 | 1.95 | | |
| 11 | 6433 | 136.14 | 78 | 1.90 | ZYKF129 | | 168 | 405 | 8.57 | 15 | 2.10 | | |
| 12 | 5787 | 122.48 | 78 | 2.10 | ZYKA129 | | 197 | 345 | 7.31 | 15 | 2.30 | | |
| 13 | 5206 | 110.18 | 78 | 2.40 | ZYKAF129 | | | | | | | | |

选型参数表

(恒功率) 11kW-15kW

Selection Table

(Constant Power) 11kW-15kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 11kW | | | | | | |
| 1.7 | 54222 | 835 | 162 | 0.90 | ZYK189R109 ZYKA189R109 | 4P |
| 2.0 | 47339 | 729 | 171 | 1.05 | | |
| 2.3 | 40391 | 622 | 171 | 1.20 | | |
| 2.8 | 33767 | 520 | 171 | 1.45 | | |
| 3.2 | 29481 | 454 | 171 | 1.65 | | |
| 4.1 | 23053 | 355 | 171 | 2.10 | | |
| 2.0 | 47923 | 738 | 171 | 1.00 | ZYK189R99 ZYKA189R99 | 4P |
| 2.4 | 40326 | 621 | 171 | 1.20 | | |
| 2.8 | 34222 | 527 | 171 | 1.40 | | |
| 4.6 | 20585 | 317 | 135 | 1.50 | ZYK169R109 ZYKA169R109 | 4P |
| 5.3 | 17987 | 277 | 135 | 1.70 | | |
| 6.0 | 15845 | 244 | 135 | 1.95 | | |
| 6.9 | 13832 | 213 | 135 | 2.30 | | |
| 7.1 | 13312 | 205 | 135 | 2.30 | | |
| 2.6 | 36430 | 561 | 135 | 0.85 | ZYK169R99 ZYKA169R99 | 4P |
| 3.0 | 31235 | 481 | 135 | 1.00 | | |
| 3.5 | 27468 | 423 | 135 | 1.15 | | |
| 4.0 | 23962 | 369 | 135 | 1.30 | | |
| 4.4 | 21624 | 333 | 104 | 0.80 | ZYK159R99 ZYKF159R99 ZYKA159R99 ZYKAF159R99 | 4P |
| 5.0 | 18897 | 291 | 106 | 0.95 | | |
| | | | | | | |
| 6.9 | 13832 | 213 | 74 | 0.95 | ZYK129R89 ZYKF129R89 ZYKA129R89 ZYKAF129R89 | 4P |
| 7.3 | 13052 | 201 | 75 | 1.00 | | |
| 8.7 | 10844 | 167 | 76 | 1.20 | | |
| 9.9 | 9546 | 147 | 77 | 1.35 | | |
| 5.4 | 18454 | 134.99 | 135 | 1.60 | ZYK169 ZYKA169 | 8P |
| 6.6 | 15015 | 109.83 | 135 | 2.00 | | |
| 5.9 | 16924 | 164.50 | 135 | 1.80 | ZYK169 ZYKA169 | 6P |
| 7.2 | 13888 | 134.99 | 135 | 2.20 | | |
| 8.9 | 11244 | 164.50 | 135 | 2.70 | ZYK169 ZYKA169 | 4P |
| 11 | 9227 | 134.99 | 135 | 3.30 | | |
| 6.0 | 16732 | 122.39 | 107 | 1.00 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 8P |
| 7.3 | 13701 | 100.22 | 108 | 1.25 | | |
| 8.0 | 12529 | 91.65 | 108 | 1.35 | | |
| 9.2 | 10903 | 79.75 | 109 | 1.55 | | |
| 6.4 | 15475 | 150.41 | 107 | 1.10 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 6P |
| 7.9 | 12592 | 122.39 | 108 | 1.35 | | |
| 9.7 | 10311 | 100.22 | 109 | 1.65 | | |
| 10.6 | 9429 | 91.65 | 110 | 1.80 | | |
| 12.2 | 8205 | 79.75 | 110 | 2.10 | | |
| 9.7 | 10281 | 150.41 | 109 | 1.65 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 4P |
| 12 | 8366 | 122.39 | 110 | 2.00 | | |
| 15 | 6850 | 100.22 | 110 | 2.50 | | |
| 16 | 6265 | 91.65 | 110 | 2.70 | | |
| 11 | 9306 | 136.14 | 77 | 1.30 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 4P |
| 12 | 8372 | 122.48 | 77 | 1.45 | | |
| 13 | 7531 | 110.18 | 77 | 1.60 | | |
| 16 | 6144 | 89.89 | 78 | 2.00 | | |
| 18 | 5604 | 81.98 | 78 | 2.20 | | |
| 21 | 4850 | 70.95 | 78 | 2.50 | | |
| 13 | 7684 | 112.41 | 55 | 1.00 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P |
| 14 | 6887 | 100.75 | 55 | 1.10 | | |
| 16 | 6218 | 90.96 | 55 | 1.20 | | |
| 18 | 5647 | 82.61 | 55 | 1.35 | | |
| 20 | 5010 | 73.30 | 54 | 1.50 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P |
| 22 | 4547 | 66.52 | 53 | 1.65 | | |
| 26 | 3908 | 57.17 | 52 | 1.90 | | |
| 29 | 3411 | 49.90 | 51 | 2.20 | | |
| | | | | | | |
| 15kW | | | | | | |
| 2.3 | 55078 | 622 | 161 | 0.90 | ZYK189R109 ZYKA189R109 | 4P |
| 2.8 | 46046 | 520 | 171 | 1.05 | | |
| 3.2 | 40202 | 454 | 171 | 1.20 | | |
| 4.1 | 31435 | 355 | 171 | 1.55 | | |
| 5.6 | 23112 | 261 | 171 | 2.10 | | |
| 4.6 | 28070 | 317 | 135 | 1.10 | ZYK169R109 ZYKA169R109 | 4P |
| 5.3 | 24528 | 277 | 135 | 1.30 | | |
| 6.0 | 21606 | 244 | 135 | 1.45 | | |
| 6.9 | 18861 | 213 | 135 | 1.65 | | |
| 7.1 | 18153 | 205 | 135 | 1.75 | | |
| 8.1 | 15939 | 180 | 135 | 1.95 | | |
| 9.2 | 14079 | 159 | 135 | 2.20 | | |
| 6.3 | 20367 | 230 | 105 | 0.85 | ZYK159R109 ZYKF159R109 ZYKA159R109 ZYKAF159R109 | 4P |
| 6.9 | 18861 | 213 | 106 | 0.95 | | |
| 7.8 | 16559 | 187 | 107 | 1.05 | | |
| 9.3 | 13902 | 157 | 108 | 1.30 | | |
| 12 | 10803 | 122 | 109 | 1.65 | | |
| 14 | 9475 | 107 | 110 | 1.90 | | |
| | | | | | | |

选型参数表

(恒功率) 15kW-18.5kW

Selection Table

(Constant Power) 15kW-18.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|---------------------|------------|
| 15kW | | | | | | |
| 5.4 | 25234 | 179.86 | 171 | 1.90 | ZYK189 | 6P |
| 5.9 | 23178 | 165.21 | 171 | 2.10 | ZYKA189 | |
| 7.2 | 18939 | 134.99 | 135 | 1.60 | ZYK169 | 6P |
| 8.8 | 15409 | 109.83 | 135 | 1.95 | ZYKA169 | |
| 8.9 | 15333 | 164.50 | 135 | 2.00 | ZYK169 | 4P |
| 11 | 12583 | 134.99 | 135 | 2.40 | ZYKA169 | |
| 7.9 | 17171 | 122.39 | 107 | 1.00 | ZYK159 | 6P |
| 9.7 | 14061 | 100.22 | 108 | 1.20 | ZYKF159 | |
| 11 | 12858 | 91.65 | 108 | 1.35 | ZYKA159 | |
| 12 | 11189 | 79.75 | 109 | 1.55 | ZYKAF159 | |
| 14 | 9874 | 70.38 | 109 | 1.75 | | |
| 9.7 | 14020 | 150.41 | 108 | 1.20 | ZYK159 | 4P |
| 12 | 11408 | 122.39 | 109 | 1.50 | ZYKF159 | |
| 15 | 9342 | 100.22 | 108 | 1.85 | ZYKA159 | |
| 16 | 8543 | 91.65 | 107 | 2.00 | ZYKAF159 | |
| 18 | 7434 | 79.75 | 104 | 2.30 | | |
| 11 | 12690 | 136.14 | 75 | 0.95 | ZYK129 | 4P |
| 12 | 11416 | 122.48 | 76 | 1.10 | ZYKF129 | |
| 13 | 10270 | 110.18 | 76 | 1.20 | ZYKA129 ZYKAF129 | |
| 16 | 8379 | 89.89 | 77 | 1.45 | | 4P |
| 18 | 7641 | 81.98 | 77 | 1.60 | ZYK129 | |
| 21 | 6613 | 70.95 | 78 | 1.85 | ZYKF129 | |
| 23 | 5835 | 62.60 | 76 | 2.10 | ZYKA129 | |
| 27 | 5040 | 54.07 | 74 | 2.50 | ZYKAF129 | |
| 31 | 4457 | 47.82 | 72 | 2.80 | | |
| 16 | 8478 | 90.96 | 48 | 0.90 | ZYK109 | 4P |
| 18 | 7700 | 82.61 | 49 | 1.00 | ZYKF109 | |
| 20 | 6832 | 73.30 | 49 | 1.10 | ZYKA109 | |
| 22 | 6200 | 66.52 | 48 | 1.25 | ZYKAF109 | |
| 26 | 5329 | 57.17 | 48 | 1.45 | | 4P |
| 29 | 4651 | 49.90 | 48 | 1.60 | ZYK109 | |
| 34 | 3946 | 42.33 | 47 | 1.75 | ZYKF109 | |
| 39 | 3449 | 37.00 | 46 | 2.00 | ZYKA109 | |
| 45 | 3046 | 32.68 | 45 | 2.20 | ZYKAF109 | |
| 47 | 2916 | 31.28 | 44 | 2.20 | | |
| 50 | 2702 | 28.99 | 44 | 2.50 | | |
| 30 | 4468 | 47.93 | 27 | 0.90 | ZYK99 | 4P |
| 35 | 3903 | 41.87 | 27 | 1.05 | ZYKF99 | |
| 38 | 3569 | 38.29 | 27 | 1.15 | ZYKA99 | |
| 43 | 3190 | 34.22 | 27 | 1.30 | ZYKAF99 | |
| 47 | 2872 | 30.81 | 27 | 1.40 | | |
| 52 | 2601 | 27.90 | 27 | 1.55 | ZYK99 | 4P |
| 59 | 2306 | 24.74 | 27 | 1.75 | ZYKF99 | |
| 65 | 2085 | 22.37 | 26 | 1.95 | ZYKA99 | |
| 77 | 1767 | 18.96 | 26 | 2.30 | ZYKAF99 | |
| 88 | 1544 | 16.56 | 25 | 2.70 | | |
| 47 | 2925 | 31.38 | 16 | 0.90 | | 4P |
| 52 | 2598 | 27.87 | 17 | 0.95 | ZYK89 | |
| 59 | 2323 | 24.92 | 17 | 1.00 | ZYKF89 | |
| 65 | 2088 | 22.40 | 17 | 1.05 | ZYKA89 | |
| 75 | 1813 | 19.45 | 17 | 1.20 | ZYKAF89 | |
| 84 | 1623 | 17.41 | 17 | 1.30 | | |
| 91 | 1491 | 16.00 | 16 | 1.15 | ZYK89 | 4P |
| 101 | 1346 | 14.44 | 17 | 1.50 | ZYKF89 | |
| 116 | 1171 | 12.56 | 17 | 1.60 | ZYKA89 | |
| 131 | 1040 | 11.16 | 16 | 1.35 | ZYKAF89 | |
| | | | | | | |

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|---------------------|------------|
| 15kW | | | | | | |
| 146 | 932 | 10.00 | 16 | 1.55 | ZYK89 | 4P |
| 176 | 773 | 8.29 | 15 | 1.70 | ZYKF89 | |
| 202 | 672 | 7.21 | 15 | 1.85 | ZYKA89 | |
| | | | | | ZYKAF89 | |
| 18.5kW | | | | | | |
| 2.8 | 56404 | 520 | 159 | 0.85 | | 4P |
| 3.2 | 49245 | 454 | 171 | 1.00 | ZYK189R109 | |
| 4.1 | 38506 | 355 | 171 | 1.25 | ZYKA189R109 | |
| 5.6 | 28310 | 261 | 171 | 1.70 | | |
| 6.7 | 23972 | 221 | 171 | 2.00 | | |
| 4.6 | 34385 | 317 | 135 | 0.90 | | |
| 5.3 | 30046 | 277 | 135 | 1.05 | | 4P |
| 6.0 | 26466 | 244 | 135 | 1.20 | | |
| 6.9 | 23104 | 213 | 135 | 1.35 | ZYK169R109 | |
| 7.2 | 22236 | 205 | 135 | 1.40 | ZYKA169R109 | |
| 8.2 | 19524 | 180 | 135 | 1.60 | | |
| 9.2 | 17247 | 159 | 135 | 1.80 | | |
| 11 | 14643 | 135 | 135 | 2.10 | | |
| 12 | 12799 | 118 | 135 | 2.40 | | |
| 7.9 | 20284 | 187 | 105 | 0.90 | ZYK159R109 | |
| 9.4 | 17030 | 157 | 107 | 1.05 | ZYKF159R109 | |
| 12 | 13233 | 122 | 108 | 1.35 | ZYKA159R109 | |
| 14 | 11606 | 107 | 107 | 1.55 | ZYKAF159R109 | |
| 5.4 | 31122 | 179.86 | 171 | 1.55 | | 6P |
| 5.9 | 28587 | 165.21 | 171 | 1.65 | ZYK189 | |
| 6.7 | 25019 | 144.59 | 171 | 1.90 | ZYKA189 | |
| 7.5 | 22441 | 129.69 | 171 | 2.10 | | |
| 8.2 | 20536 | 179.86 | 171 | 2.30 | | 4P |
| 8.9 | 18863 | 165.21 | 171 | 2.50 | ZYK189 | |
| 10 | 16509 | 144.59 | 171 | 2.90 | ZYKA189 | |
| 11 | 14808 | 129.69 | 171 | 3.20 | | |
| 11 | 15413 | 134.99 | 135 | 1.95 | ZYK169 | 4P |
| 13 | 12540 | 109.83 | 135 | 2.40 | ZYKA169 | |
| 17 | 10032 | 87.86 | 135 | 3.00 | | |
| 9.7 | 17341 | 100.22 | 106 | 1.00 | ZYK159 | 6P |
| 11 | 15858 | 91.65 | 107 | 1.10 | ZYKF159 | |
| 12 | 13799 | 79.75 | 106 | 1.25 | ZYKA159 | |
| 14 | 12178 | 70.38 | 104 | 1.40 | ZYKAF159 | |
| 12 | 13974 | 122.39 | 106 | 1.20 | | 4P |
| 15 | 11443 | 100.22 | 104 | 1.50 | | |
| 16 | 10464 | 91.65 | 102 | 1.65 | ZYK159 | |
| 18 | 9106 | 79.75 | 100 | 1.85 | ZYKF159 | |
| 21 | 8036 | 70.38 | 98 | 2.10 | ZYKA159 | |
| 24 | 6967 | 61.02 | 96 | 2.50 | ZYKAF159 | |
| 27 | 6199 | 54.29 | 94 | 2.80 | | |
| 31 | 5342 | 46.79 | 91 | 3.20 | | |
| 39 | 4341 | 38.02 | 87 | 3.90 | | |
| 13 | 12580 | 110.18 | 75 | 1.00 | ZYK129 | 4P |
| 16 | 10263 | 89.89 | 75 | 1.20 | ZYKF129 | |
| 18 | 9360 | 81.98 | 75 | 1.30 | ZYKA129 ZYKAF129 | |
| 21 | 8101 | 70.95 | 74 | 1.50 | | 4P |
| 23 | 7148 | 62.60 | 73 | 1.70 | | |
| 27 | 6174 | 54.07 | 71 | 2.00 | ZYK129 | |
| 31 | 5460 | 47.82 | 70 | 2.20 | ZYKF129 | |
| 37 | 4589 | 40.19 | 68 | 2.70 | ZYKA129 | |
| 40 | 4146 | 36.31 | 66 | 3.00 | ZYKAF129 | |
| 47 | 3587 | 31.42 | 65 | 3.40 | | |
| 53 | 3166 | 27.73 | 63 | 3.90 | | |

选型参数表

(恒功率) 18.5kW-22kW

Selection Table

(Constant Power) 18.5kW-22kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|--|----------------|--|------------|
| 18.5kW | | | | | | | 22kW | | | | | | |
| 20 | 8369 | 73.30 | 44 | 0.90 | ZYK109 | 4P | 10 | 19632 | 144.59 | 171 | 2.40 | ZYK189 | 4P |
| 22 | 7595 | 66.52 | 44 | 1.00 | ZYKF109 | | 11 | 17609 | 129.69 | 171 | 2.70 | ZYKA189 | |
| 26 | 6528 | 57.17 | 44 | 1.15 | ZYKA109 | | 11 | 18329 | 134.99 | 135 | 1.65 | ZYK169 ZYKA169 | 4P |
| 29 | 5697 | 49.90 | 44 | 1.30 | ZYKAF109 | | 13 | 14913 | 109.83 | 135 | 2.00 | | |
| 35 | 4833 | 42.33 | 44 | 1.45 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P | 17 | 11930 | 87.86 | 135 | 2.50 | | |
| 40 | 4225 | 37.00 | 43 | 1.60 | | | 19 | 10610 | 78.14 | 135 | 2.90 | | |
| 45 | 3731 | 32.68 | 43 | 1.85 | | | 9.7 | 20622 | 100.22 | 101 | 0.85 | | |
| 47 | 3571 | 31.28 | 43 | 1.80 | | | 11 | 18859 | 91.65 | 101 | 0.90 | | |
| 51 | 3310 | 28.99 | 42 | 2.10 | | | 12 | 16410 | 79.75 | 100 | 1.05 | | |
| 56 | 3004 | 26.31 | 42 | 2.30 | | | 14 | 14482 | 70.38 | 99 | 1.20 | | |
| 65 | 2582 | 22.61 | 41 | 2.60 | | | 16 | 12556 | 61.02 | 98 | 1.35 | | |
| 74 | 2254 | 19.74 | 40 | 3.00 | | | 12 | 16618 | 122.39 | 100 | 1.05 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 4P |
| 88 | 1911 | 16.74 | 38 | 3.50 | | | 15 | 13608 | 100.22 | 99 | 1.25 | | |
| 35 | 4781 | 41.87 | 24 | 0.85 | ZYK99 | 16 | 12444 | 91.65 | 98 | 1.35 | | | |
| 48 | 3518 | 30.81 | 25 | 1.15 | ZYKF99 | 18 | 10828 | 79.75 | 97 | 1.55 | | | |
| 53 | 3186 | 27.90 | 25 | 1.30 | ZYKA99 | 21 | 9556 | 70.38 | 95 | 1.80 | | | |
| 59 | 2825 | 24.74 | 25 | 1.45 | ZYKAF99 | 24 | 8285 | 61.02 | 93 | 2.10 | | | |
| 66 | 2554 | 22.37 | 25 | 1.60 | ZYK99 | 27 | 7371 | 54.29 | 91 | 2.30 | | | |
| 78 | 2165 | 18.96 | 24 | 1.90 | ZYKF99 | 31 | 6353 | 46.79 | 89 | 2.70 | | | |
| 89 | 1891 | 16.56 | 24 | 2.20 | ZYKA99 | 39 | 5162 | 38.02 | 85 | 3.30 | | | |
| 106 | 1581 | 13.85 | 24 | 2.60 | ZYKAF99 | 4P | 16 | 12205 | 89.89 | 70 | 1.00 | | |
| 123 | 1369 | 11.99 | 23 | 2.70 | 18 | | 11131 | 81.98 | 70 | 1.10 | | | |
| 59 | 2845 | 24.92 | 15 | 0.85 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | | 4P | 21 | 9634 | 70.95 | 70 | 1.30 | |
| 66 | 2558 | 22.40 | 15 | 0.85 | | | | 23 | 8500 | 62.60 | 69 | 1.45 | |
| 76 | 2221 | 19.45 | 15 | 1.00 | | 27 | | 7342 | 54.07 | 67 | 1.70 | | |
| 84 | 1988 | 17.41 | 16 | 1.05 | | 31 | | 6493 | 47.82 | 67 | 1.90 | | |
| 102 | 1649 | 14.44 | 16 | 1.20 | | 37 | | 5457 | 40.19 | 66 | 2.30 | | |
| 117 | 1434 | 12.56 | 16 | 1.30 | | 40 | | 4930 | 36.31 | 64 | 2.50 | | |
| 132 | 1274 | 11.16 | 15 | 1.10 | | 47 | | 4266 | 31.42 | 63 | 2.90 | | |
| 147 | 1142 | 10.00 | 15 | 1.25 | | 53 | | 3765 | 27.73 | 61 | 3.30 | | |
| 177 | 947 | 8.29 | 14 | 1.40 | | 61 | | 3252 | 23.95 | 60 | 3.80 | | |
| 204 | 823 | 7.21 | 14 | 1.50 | | 69 | | 2876 | 21.18 | 58 | 4.30 | | |
| 22kW | | | | | | | 26 | 7762 | 57.17 | 41 | 1.00 | ZYK109 | 4P |
| 3.2 | 58561 | 454 | 155 | 0.85 | ZYK189R109 ZYKA189R109 | 4P | 29 | 6775 | 49.90 | 41 | 1.10 | | |
| 4.1 | 45791 | 355 | 171 | 1.05 | | | 35 | 5748 | 42.33 | 41 | 1.20 | | |
| 5.6 | 33666 | 261 | 171 | 1.45 | | | 40 | 5024 | 37.00 | 41 | 1.35 | | |
| 6.7 | 28507 | 221 | 171 | 1.70 | | | 45 | 4437 | 32.68 | 41 | 1.55 | | |
| 7.6 | 24895 | 193 | 171 | 1.95 | | | 47 | 4247 | 31.28 | 41 | 1.50 | | |
| 9 | 21025 | 163 | 171 | 2.30 | 51 | 3936 | 28.99 | 40 | 1.75 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P | | |
| 5.3 | 35730 | 277 | 135 | 0.85 | 56 | 3572 | 26.31 | 40 | 1.90 | | | | |
| 6.0 | 31474 | 244 | 135 | 1.00 | 65 | 3070 | 22.61 | 39 | 2.20 | | | | |
| 6.9 | 27475 | 213 | 135 | 1.15 | 74 | 2680 | 19.74 | 38 | 2.50 | | | | |
| 7.2 | 26443 | 205 | 135 | 1.20 | 88 | 2273 | 16.74 | 37 | 2.90 | | | | |
| 8.2 | 23218 | 180 | 135 | 1.35 | 100 | 1986 | 14.63 | 36 | 3.30 | | | | |
| 9.2 | 20509 | 159 | 135 | 1.50 | 109 | 1824 | 13.43 | 35 | 2.20 | | | | |
| 11 | 17414 | 135 | 135 | 1.80 | 125 | 1591 | 11.72 | 34 | 2.60 | | | | |
| 12 | 15221 | 118 | 135 | 2.10 | 148 | 1350 | 9.94 | 33 | 2.90 | | | | |
| 9.4 | 20251 | 157 | 104 | 0.90 | ZYK159R109 | 4P | 48 | 4183 | 30.81 | 22 | 0.95 | | |
| 12 | 15737 | 122 | 103 | 1.15 | ZYKF159R109 | | 53 | 3788 | 27.90 | 23 | 1.05 | | |
| 14 | 13802 | 107 | 102 | 1.30 | ZYKA159R109 | | 59 | 3359 | 24.74 | 23 | 1.20 | | |
| | | | | | ZYKAF159R109 | | 66 | 3037 | 22.37 | 23 | 1.35 | | |
| 5.4 | 37009 | 179.86 | 171 | 1.30 | ZYK189 ZYKA189 | 6P | 78 | 2574 | 18.96 | 23 | 1.60 | | |
| 5.9 | 33995 | 165.21 | 171 | 1.40 | | | 89 | 2248 | 16.56 | 23 | 1.80 | | |
| 6.7 | 29752 | 144.59 | 171 | 1.60 | | | 106 | 1881 | 13.85 | 23 | 2.20 | | |
| 7.5 | 26686 | 129.69 | 171 | 1.80 | | | 123 | 1628 | 11.99 | 22 | 2.30 | | |
| 8.6 | 23169 | 112.60 | 171 | 1.90 | | | 141 | 1413 | 10.41 | 21 | 1.90 | | |
| 8.2 | 24421 | 179.86 | 171 | 1.95 | ZYK189 | 4P | 169 | 1183 | 8.71 | 20 | 2.10 | | |
| 8.9 | 22432 | 165.21 | 171 | 2.10 | ZYKA189 | | | | | | | | |

选型参数表

(恒功率) 22kW-37kW

Selection Table

(Constant Power) 22kW-37kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|----|
| 22kW | | | | | | | 30kW | | | | | | | | |
| 76 | 2641 | 19.45 | 14 | 0.80 | ZYK89 ZYKF89 ZYKA89 ZYKAF89 | 4P | 100 | 2709 | 14.63 | 34 | 2.40 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P | | |
| 84 | 2364 | 17.41 | 14 | 0.90 | | | 109 | 2487 | 13.43 | 33 | 1.65 | | | | |
| 102 | 1961 | 14.44 | 14 | 1.00 | | | 125 | 2170 | 11.72 | 32 | 1.90 | | | | |
| 117 | 1705 | 12.56 | 15 | 1.10 | | | 148 | 1840 | 9.94 | 31 | 2.20 | | | | |
| 132 | 1515 | 11.16 | 13 | 0.95 | | | 169 | 1609 | 8.69 | 31 | 2.40 | | | | |
| 147 | 1358 | 10.00 | 13 | 1.05 | | | 59 | 4581 | 24.74 | 19 | 0.90 | ZYK99 ZYKF99 ZYKA99 ZYKAF99 | 4P | | |
| 177 | 1126 | 8.29 | 14 | 1.20 | | | 66 | 4142 | 22.37 | 19 | 1.00 | | | | |
| 204 | 979 | 7.21 | 13 | 1.25 | 78 | 3511 | 18.96 | 20 | 1.15 | | | | | | |
| 30kW | | | | | | | 89 | 3066 | 16.56 | 20 | 1.35 | | | ZYK189R109 ZYKA189R109 | 4P |
| 5.6 | 45909 | 261 | 171 | 1.05 | 106 | 2564 | 13.85 | 20 | 1.60 | | | | | | |
| 6.7 | 38873 | 221 | 171 | 1.25 | 123 | 2220 | 11.99 | 20 | 1.65 | | | | | | |
| 7.6 | 33948 | 193 | 171 | 1.45 | 141 | 1927 | 10.41 | 19 | 1.40 | | | | | | |
| 9 | 28671 | 163 | 171 | 1.70 | 169 | 1613 | 8.71 | 18 | 1.55 | | | | | | |
| 6.9 | 37466 | 213 | 135 | 0.85 | ZYK169R109 ZYKA169R109 | 4P | 37kW | | | | | | | | |
| 7.2 | 36059 | 205 | 135 | 0.85 | | | 5.7 | 56238 | 261 | 158 | 0.85 | ZYK189R109 ZYKA189R109 | 4P | | |
| 8.2 | 31661 | 180 | 135 | 1.00 | | | 6.7 | 47619 | 221 | 171 | 1.00 | | | | |
| 9.2 | 27967 | 159 | 135 | 1.10 | | | 7.7 | 41586 | 193 | 171 | 1.15 | | | | |
| 11 | 23746 | 135 | 135 | 1.30 | | | 9 | 35122 | 163 | 171 | 1.40 | ZYK169R109 ZYKA169R109 | 4P | | |
| 12 | 20756 | 118 | 135 | 1.50 | | | 8.2 | 38785 | 180 | 135 | 0.80 | | | | |
| 8.2 | 33302 | 179.86 | 171 | 1.45 | | | 9 | 34260 | 159 | 135 | 9.00 | | | ZYK189 ZYKA189 | 4P |
| 8.9 | 30589 | 165.21 | 171 | 1.55 | 11 | 29089 | 135 | 135 | 1.05 | | | | | | |
| 10 | 26771 | 144.59 | 171 | 1.75 | 13 | 25426 | 118 | 135 | 1.20 | | | | | | |
| 11 | 24013 | 129.69 | 171 | 2.00 | ZYK189 ZYKA189 | 4P | 8.2 | 40794 | 179.86 | 171 | 1.15 | ZYK169R109 ZYKA169R109 | 4P | | |
| 13 | 20848 | 112.60 | 171 | 2.22 | | | 9.0 | 37472 | 165.21 | 171 | 1.25 | | | | |
| 14 | 18915 | 102.16 | 171 | 2.30 | | | 10 | 32795 | 144.59 | 171 | 1.45 | | | | |
| 17 | 16293 | 88.00 | 171 | 2.50 | | | 11 | 29415 | 129.69 | 171 | 1.60 | | | | |
| 13 | 20335 | 109.83 | 135 | 1.50 | | | 13 | 25539 | 112.60 | 171 | 1.75 | | | ZYK189 ZYKA189 | 4P |
| 17 | 16268 | 87.86 | 135 | 1.85 | | | 14 | 23171 | 102.16 | 171 | 1.85 | | | | |
| 19 | 14468 | 78.14 | 135 | 2.10 | | | 17 | 19960 | 88.00 | 171 | 2.00 | | | | |
| 22 | 12605 | 68.08 | 135 | 2.40 | ZYK169 ZYKA169 | 4P | 13 | 24911 | 109.83 | 135 | 1.20 | ZYK169 ZYKA169 | 4P | | |
| 24 | 11246 | 60.74 | 135 | 2.70 | | | 17 | 19928 | 87.86 | 135 | 1.50 | | | | |
| 15 | 18556 | 100.22 | 88 | 0.90 | | | 19 | 17723 | 78.14 | 135 | 1.70 | | | | |
| 16 | 16969 | 91.65 | 88 | 1.00 | | | 22 | 15441 | 68.08 | 135 | 1.95 | | | | |
| 18 | 14766 | 79.75 | 88 | 1.15 | | | 24 | 13777 | 60.74 | 135 | 2.20 | | | | |
| 21 | 13031 | 70.38 | 87 | 1.30 | | | 29 | 11742 | 51.77 | 135 | 2.60 | | | | |
| 24 | 11298 | 61.02 | 86 | 1.50 | | | 16 | 20787 | 91.65 | 79 | 0.80 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 4P | | |
| 27 | 10052 | 54.29 | 85 | 1.70 | 19 | 18088 | 79.75 | 80 | 0.95 | | | | | | |
| 31 | 8663 | 46.79 | 83 | 1.95 | 21 | 15963 | 70.38 | 81 | 1.05 | | | | | | |
| 39 | 7040 | 38.02 | 81 | 2.40 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 4P | 24 | 13840 | 61.02 | 80 | 1.25 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 4P | | |
| 47 | 5795 | 31.30 | 78 | 3.00 | | | 27 | 12314 | 54.29 | 80 | 1.40 | | | | |
| 21 | 13137 | 70.95 | 61 | 0.95 | | | 32 | 10613 | 46.79 | 79 | 1.60 | | | | |
| 23 | 11591 | 62.60 | 61 | 1.05 | | | 39 | 8623 | 38.02 | 77 | 1.95 | | | | |
| 27 | 10011 | 54.07 | 61 | 1.25 | | | 47 | 7099 | 31.30 | 75 | 2.40 | | | | |
| 31 | 8854 | 47.82 | 61 | 1.40 | | | 24 | 14198 | 62.60 | 55 | 0.85 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 4P | | |
| 37 | 7441 | 40.19 | 61 | 1.65 | | | 27 | 12264 | 54.07 | 56 | 1.00 | | | | |
| 40 | 6723 | 36.31 | 60 | 1.85 | | | 31 | 10846 | 47.82 | 56 | 1.15 | | | | |
| 47 | 5818 | 31.42 | 59 | 2.10 | | | 37 | 9116 | 40.19 | 56 | 1.35 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 4P | | |
| 53 | 5134 | 27.73 | 58 | 2.40 | | | 41 | 8236 | 36.31 | 56 | 1.50 | | | | |
| 61 | 4434 | 23.95 | 57 | 2.80 | | | 47 | 7126 | 31.42 | 56 | 1.70 | | | | |
| 69 | 3922 | 21.18 | 56 | 3.00 | 53 | 6290 | 27.73 | 55 | 1.95 | | | | | | |
| 35 | 7838 | 42.33 | 34 | 0.90 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P | 62 | 5432 | 23.95 | 54 | 2.30 | | | | |
| 40 | 6851 | 37.00 | 36 | 1.00 | | | 70 | 4804 | 21.18 | 53 | 2.60 | | | | |
| 47 | 5792 | 31.28 | 34 | 1.10 | | | 83 | 4037 | 17.80 | 52 | 3.00 | | | | |
| 51 | 5368 | 28.99 | 36 | 1.25 | | | 103 | 3262 | 14.38 | 50 | 3.50 | | | | |
| 56 | 4871 | 26.31 | 36 | 1.40 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P | 116 | 2905 | 12.81 | 48 | 2.80 | | | | |
| 65 | 4186 | 22.61 | 36 | 1.65 | | | 138 | 2441 | 10.76 | 46 | 3.10 | | | | |
| 74 | 3655 | 19.74 | 36 | 1.85 | | | 170 | 1971 | 8.69 | 44 | 3.50 | | | | |
| 88 | 3099 | 16.74 | 35 | 2.20 | | | | | | | | | | | |

ZYK 系列斜齿轮-锥齿轮减速电机

选型参数表

(恒功率) 37kW-75kW

Selection Table

(Constant Power) 37kW-75kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | | | | | | | |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|-------|--------|-------|--------|-------------------|------|-------------------|------|
| 37kW | | | | | | | 45kW | | | | | | | | | | | | | | |
| 40 | 8392 | 37.00 | 28 | 0.80 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P | 51 | 7997 | 28.99 | 24 | 0.85 | ZYK109 | 4P | | | | | | | | |
| 47 | 7095 | 31.28 | 30 | 0.90 | | | 56 | 7258 | 26.31 | 27 | 0.95 | ZYKF109 | | | | | | | | | |
| 51 | 6575 | 28.99 | 32 | 1.05 | | | 65 | 6237 | 22.61 | 29 | 1.10 | ZYKA109 | | | | | | | | | |
| 56 | 5967 | 26.31 | 33 | 1.15 | | | 75 | 5445 | 19.74 | 30 | 1.25 | ZYKAF109 | | | | | | | | | |
| 65 | 5128 | 22.61 | 33 | 1.30 | | | 88 | 4618 | 16.74 | 30 | 1.45 | ZYK109 ZYKF109 ZYKA109 ZYKAF109 | 4P | | | | | | | | |
| 75 | 4477 | 19.74 | 33 | 1.50 | | | 101 | 4036 | 14.63 | 30 | 1.60 | | | | | | | | | | |
| 88 | 3797 | 16.74 | 33 | 1.75 | | | 110 | 3705 | 13.43 | 28 | 1.10 | | | | | | | | | | |
| 101 | 3318 | 14.63 | 32 | 1.95 | | | 126 | 3233 | 11.72 | 28 | 1.25 | | | | | | | | | | |
| 110 | 3046 | 13.43 | 31 | 1.35 | | | 149 | 2742 | 9.94 | 28 | 1.45 | | | | | | | | | | |
| 126 | 2658 | 11.72 | 30 | 1.55 | | | 170 | 2397 | 8.69 | 28 | 1.60 | 55kW | | | | | | | | | |
| 149 | 2255 | 9.94 | 30 | 1.75 | | | | | | | | | | | 10 | 48749 | 144.59 | 169 | 0.95 | ZYK189 ZYKA189 | 4P |
| 170 | 1971 | 8.69 | 29 | 1.95 | | | | | | | | | 11 | 43725 | 129.69 | 171 | 1.10 | | | | |
| 45kW | | | | | | | | | | | | | | | 13 | 37964 | 112.60 | 171 | 1.15 | | |
| 6.7 | 57915 | 221 | 155 | 0.85 | ZYK189R109 ZYKA189R109 | 4P | | | | | | | | | 14 | 34444 | 102.16 | 170 | 1.25 | | |
| 7.7 | 50578 | 193 | 167 | 0.95 | | | | | | | | | | | 17 | 29670 | 88.00 | 168 | 1.35 | | |
| 9 | 42716 | 163 | 171 | 1.15 | | | | | | | | | 20 | 24936 | 73.96 | 166 | 1.60 | ZYK169 ZYKA169 | 4P | | |
| 11 | 35378 | 135 | 135 | 0.85 | ZYK169R109 ZYKA169R109 | 4P | | | | | | | | | 23 | 21591 | 64.04 | | | 162 | 1.90 |
| 13 | 30923 | 118 | 135 | 1.00 | | | | | | | | | | | 17 | 29622 | 87.86 | | | 131 | 1.00 |
| 8 | 47134 | 179.86 | 167 | 0.95 | ZYK189 ZYKA189 | 4P | | | | | | | | | 19 | 26345 | 78.14 | | | 130 | 1.15 |
| 9 | 43295 | 165.21 | 171 | 1.05 | | | | | | | | | | | 22 | 22953 | 68.08 | | | 129 | 1.30 |
| 10 | 37891 | 144.59 | 171 | 1.20 | | | | | | | | | | | 24 | 20479 | 60.74 | 128 | 1.50 | | |
| 11 | 33987 | 129.69 | 171 | 1.30 | | | | | | | | | | | 29 | 17454 | 51.77 | 125 | 1.75 | | |
| 13 | 29508 | 112.60 | 171 | 1.45 | | | | | | | | | | | 34 | 14464 | 42.90 | 121 | 2.10 | | |
| 14 | 26772 | 102.16 | 171 | 1.50 | | | | | | | | | | | 40 | 12343 | 36.61 | 119 | 2.50 | | |
| 17 | 23061 | 88.00 | 171 | 1.65 | | | | | | | | | | | 24 | 20573 | 61.02 | 66 | 0.85 | | |
| 20 | 19382 | 73.96 | 171 | 1.95 | | | | | | | | | | | 27 | 18304 | 54.29 | 67 | 0.95 | | |
| 13 | 28782 | 109.83 | 135 | 1.00 | ZYK169 ZYKA169 | 4P | | | | | | | | | 32 | 15775 | 46.79 | 68 | 1.10 | | |
| 17 | 23025 | 87.86 | 135 | 1.25 | | | | | | | | | | | 39 | 12819 | 38.02 | 68 | 1.35 | | |
| 19 | 20477 | 78.14 | 135 | 1.40 | | | | | | | | | | | 47 | 10553 | 31.30 | 67 | 1.60 | | |
| 22 | 17841 | 68.08 | 135 | 1.60 | | | | | | | | | | | 54 | 9312 | 27.62 | 67 | 1.85 | | |
| 24 | 15918 | 60.74 | 134 | 1.80 | | | | | | | | | | | 62 | 8075 | 23.95 | 66 | 2.10 | | |
| 29 | 13567 | 51.77 | 130 | 2.10 | | | | | | | | | | | 69 | 7185 | 21.31 | 65 | 2.40 | | |
| 34 | 11242 | 42.90 | 127 | 2.60 | | | | | | | | | | | 81 | 6194 | 18.37 | 64 | 2.80 | | |
| 21 | 19415 | 70.38 | 73 | 0.85 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 4P | | | | | | | | | 99 | 5030 | 14.92 | 62 | 3.40 | | |
| 24 | 16833 | 61.02 | 74 | 1.00 | | | | | | | | | | | 117 | 4268 | 12.66 | 60 | 3.80 | | |
| 27 | 14976 | 54.29 | 74 | 1.15 | | | | | | | | | | | 37 | 13550 | 40.19 | 45 | 0.90 | | |
| 32 | 12907 | 46.79 | 74 | 1.30 | | | | | | | | | | | 47 | 10593 | 31.42 | 47 | 1.15 | | |
| 39 | 10488 | 38.02 | 73 | 1.60 | | | | | | | | | | | 53 | 9349 | 27.73 | 47 | 1.30 | | |
| 47 | 8634 | 31.30 | 72 | 1.95 | | | | | | | | | | | 62 | 8075 | 23.95 | 47 | 1.55 | | |
| 54 | 7619 | 27.62 | 71 | 2.20 | | | | | | | | | | | 70 | 7141 | 21.18 | 47 | 1.75 | | |
| 62 | 6607 | 23.95 | 69 | 2.60 | | | | | | | | | | | 83 | 6001 | 17.80 | 47 | 2.00 | | |
| 69 | 5878 | 21.31 | 68 | 2.90 | | | | | | | | | | | 103 | 4848 | 14.38 | 46 | 2.40 | | |
| 81 | 5067 | 18.37 | 66 | 3.30 | | | | | | | | | | | 116 | 4319 | 12.81 | 44 | 1.85 | | |
| 31 | 13191 | 47.82 | 50 | 0.95 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 4P | | | | | | | | | 138 | 3628 | 10.76 | 43 | 2.10 | | |
| 37 | 11087 | 40.19 | 51 | 1.10 | | | | | | | | | | | 170 | 2930 | 8.69 | 41 | 2.30 | | |
| 41 | 10016 | 36.31 | 51 | 1.25 | | | | | | | | | | | 75kW | | | | | | |
| 47 | 8667 | 31.42 | 52 | 1.40 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 4P | 11 | 59626 | 129.69 | 148 | 0.80 | ZYK189 ZYKA189 | 4P | | | | | | | | |
| 53 | 7649 | 27.73 | 51 | 1.60 | | | 13 | 51768 | 112.60 | 149 | 0.90 | | | | | | | | | | |
| 62 | 6607 | 23.95 | 51 | 1.85 | | | 14 | 46969 | 102.16 | 150 | 1.00 | | | | | | | | | | |
| 70 | 5843 | 21.18 | 51 | 2.10 | | | 17 | 40458 | 88.00 | 150 | 1.15 | | | | | | | | | | |
| 83 | 4910 | 17.80 | 50 | 2.50 | | | 20 | 34003 | 73.96 | 149 | 1.40 | | | | | | | | | | |
| 103 | 3967 | 14.38 | 48 | 2.90 | | | 23 | 29443 | 64.04 | 147 | 1.60 | | | | | | | | | | |
| 116 | 3534 | 12.81 | 46 | 2.30 | | | 28 | 24533 | 53.36 | 144 | 1.95 | | | | | | | | | | |
| 138 | 2968 | 10.76 | 45 | 2.50 | | | 33 | 20919 | 45.50 | 141 | 2.30 | | | | | | | | | | |
| 170 | 2397 | 8.69 | 43 | 2.80 | | | | | | | | | | | | | | | | | |

选型参数表

(恒功率) 75kW-132kW

Selection Table

(Constant Power) 75kW-132kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|-------|-------------------------|----------------|--|------------|
| 75kW | | | | | | | 90kW | | | | | | |
| 19 | 35925 | 78.14 | 113 | 0.85 | ZYK169 ZYKA169 | 4P | 62 | 13125 | 23.95 | 35 | 0.95 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 4P |
| 22 | 31300 | 68.08 | 114 | 0.95 | | | 70 | 11607 | 21.18 | 36 | 1.05 | | |
| 24 | 27926 | 60.74 | 115 | 1.10 | | | 84 | 9754 | 17.80 | 37 | 1.25 | | |
| 29 | 23802 | 51.77 | 114 | 1.30 | | | 104 | 7880 | 14.38 | 38 | 1.45 | | |
| 34 | 19723 | 42.90 | 113 | 1.55 | | | 116 | 7020 | 12.81 | 36 | 1.15 | | |
| 40 | 16832 | 36.61 | 111 | 1.80 | | | 138 | 5897 | 10.76 | 36 | 1.30 | | |
| 46 | 14781 | 32.15 | 109 | 2.10 | | | 171 | 4762 | 8.69 | 36 | 1.45 | | |
| 52 | 13186 | 28.68 | 107 | 2.30 | | | | | | | | | |
| 61 | 11241 | 24.45 | 105 | 2.70 | | | | | | | | | |
| | | | | | | | 110kW | | | | | | |
| 39 | 17480 | 38.02 | 58 | 1.00 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 4P | 17 | 58941 | 88.00 | 122 | 0.80 | ZYK189 ZYKA189 | 4P |
| 47 | 14390 | 31.30 | 59 | 1.20 | | | 20 | 49537 | 73.96 | 126 | 0.95 | | |
| 54 | 12698 | 27.62 | 59 | 1.35 | | | 23 | 42893 | 64.04 | 127 | 1.10 | | |
| 62 | 11011 | 23.95 | 59 | 1.55 | | | 28 | 35740 | 53.36 | 127 | 1.30 | | |
| 69 | 9797 | 21.31 | 59 | 1.75 | | | 33 | 30475 | 45.50 | 127 | 1.55 | | |
| 81 | 8446 | 18.37 | 59 | 2.00 | | | 35 | 28472 | 42.51 | 126 | 1.65 | | |
| 99 | 6860 | 14.92 | 57 | 2.50 | | | 39 | 25833 | 38.57 | 125 | 1.85 | | |
| 117 | 5820 | 12.66 | 56 | 2.80 | | | 45 | 22257 | 33.23 | 123 | 2.10 | | |
| | | | | | | | 53 | 18700 | 27.92 | 121 | 2.50 | | |
| 47 | 14446 | 31.42 | 37 | 0.85 | ZYK129 ZYKF129 ZYKA129 ZYKAF129 | 4P | 29 | 34675 | 51.77 | 95 | 0.85 | ZYK169 ZYKA169 | 4P |
| 53 | 12749 | 27.73 | 39 | 0.95 | | | 35 | 28734 | 42.90 | 97 | 1.05 | | |
| 62 | 11011 | 23.95 | 40 | 1.10 | | | 41 | 24521 | 36.61 | 97 | 1.25 | | |
| 70 | 9738 | 21.18 | 41 | 1.25 | | | 46 | 21533 | 32.15 | 97 | 1.40 | | |
| 83 | 8184 | 17.80 | 41 | 1.50 | | | 52 | 19209 | 28.68 | 97 | 1.55 | | |
| 103 | 6611 | 14.38 | 42 | 1.75 | | | 61 | 16376 | 24.45 | 95 | 1.85 | | |
| 116 | 5889 | 12.81 | 39 | 1.40 | | | 74 | 13570 | 20.26 | 94 | 2.20 | | |
| 138 | 4947 | 10.76 | 39 | 1.55 | | | 86 | 11581 | 17.29 | 92 | 2.60 | | |
| 170 | 3995 | 8.69 | 38 | 1.70 | | | | | | | | | |
| 90kW | | | | | | | | | | | | | |
| 15 | 55984 | 102.16 | 136 | 0.85 | ZYK189 ZYKA189 | 4P | 62 | 16041 | 23.95 | 48 | 1.05 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 4P |
| 17 | 48224 | 88.00 | 138 | 1.00 | | | 70 | 14273 | 21.31 | 49 | 1.10 | | |
| 20 | 40530 | 73.96 | 139 | 1.15 | | | 81 | 12304 | 18.37 | 50 | 1.15 | | |
| 23 | 35094 | 64.04 | 138 | 1.35 | | | 100 | 9993 | 14.92 | 50 | 1.26 | | |
| 28 | 29241 | 53.36 | 137 | 1.60 | | | 118 | 8479 | 12.66 | 50 | 1.35 | | |
| 33 | 24934 | 45.50 | 134 | 1.90 | | | | | | | | | |
| 35 | 23296 | 42.51 | 134 | 2.00 | | | 132kW | | | | | | |
| 39 | 21136 | 38.57 | 134 | 2.20 | | | 20 | 59444 | 73.96 | 111 | 0.80 | ZYK189 ZYKA189 | 4P |
| | | | | | | | 23 | 51471 | 64.04 | 114 | 0.90 | | |
| 22 | 37308 | 68.08 | 104 | 0.80 | 28 | 42887 | 53.36 | 117 | 1.10 | | | | |
| 25 | 33286 | 60.74 | 105 | 0.90 | 33 | 36570 | 45.50 | 118 | 1.30 | | | | |
| 29 | 28370 | 51.77 | 106 | 1.05 | 35 | 34167 | 42.51 | 118 | 1.40 | | | | |
| 35 | 23509 | 42.90 | 106 | 1.30 | 39 | 31000 | 38.57 | 118 | 1.55 | | | | |
| 41 | 20062 | 36.61 | 105 | 1.50 | 45 | 26708 | 33.23 | 117 | 1.75 | | | | |
| 46 | 17618 | 32.15 | 104 | 1.70 | 53 | 22440 | 27.92 | 115 | 2.10 | | | | |
| 52 | 15717 | 28.68 | 103 | 1.90 | 62 | 19434 | 24.18 | 113 | 2.30 | | | | |
| 61 | 13399 | 24.45 | 101 | 2.30 | 74 | 16195 | 20.15 | 110 | 2.60 | | | | |
| 74 | 11103 | 20.26 | 98 | 2.70 | 87 | 13808 | 17.18 | 108 | 2.80 | | | | |
| 86 | 9475 | 17.29 | 95 | 3.20 | | | | | | | | | |
| 39 | 20835 | 38.02 | 50 | 0.80 | ZYK159 ZYKF159 ZYKA159 ZYKAF159 | 4P | 35 | 34480 | 42.90 | 87 | 0.90 | ZYK169 ZYKA169 | 4P |
| 48 | 17153 | 31.30 | 53 | 1.00 | | | 41 | 29425 | 36.61 | 89 | 1.05 | | |
| 54 | 15136 | 27.62 | 54 | 1.10 | | | 46 | 25840 | 32.15 | 90 | 1.15 | | |
| 62 | 13125 | 23.95 | 55 | 1.30 | | | 52 | 23051 | 28.68 | 90 | 1.30 | | |
| 70 | 11678 | 21.31 | 55 | 1.45 | | | 61 | 19651 | 24.45 | 90 | 1.55 | | |
| 81 | 10067 | 18.37 | 55 | 1.70 | | | 74 | 16284 | 20.26 | 89 | 1.85 | | |
| 100 | 8176 | 14.92 | 55 | 2.10 | | | 86 | 13897 | 17.29 | 88 | 2.20 | | |
| 118 | 6938 | 12.66 | 54 | 2.30 | | | | | | | | | |

选型参数表

(恒功率) 160kW-200kW

Selection Table

(Constant Power) 160kW-200kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|-------------------|------------|---------------------------|------------------------|-------|-------------------------|----------------|-------------------|------------|
| 160kW | | | | | | | 200kW | | | | | | |
| 28 | 51985 | 53.36 | 103 | 0.90 | ZYK189 ZYKA189 | 4P | 33 | 55409 | 45.50 | 90 | 0.85 | ZYK189 ZYKA189 | 4P |
| 33 | 44327 | 45.50 | 106 | 1.05 | | | 45 | 40467 | 33.23 | 97 | 1.15 | | |
| 45 | 32374 | 33.23 | 108 | 1.45 | | | 53 | 34001 | 27.92 | 98 | 1.30 | | |
| 53 | 27200 | 27.92 | 108 | 1.75 | | | 62 | 29446 | 24.18 | 99 | 1.40 | | |
| 62 | 23557 | 24.18 | 107 | 1.90 | | | 74 | 24538 | 20.15 | 98 | 1.50 | | |
| 74 | 19631 | 20.15 | 105 | 2.10 | | | 87 | 20922 | 17.18 | 97 | 1.70 | | |
| 87 | 16737 | 17.18 | 103 | 2.30 | | | | | | | | | |
| 41 | 35666 | 36.61 | 78 | 0.85 | ZYK169 ZYKA169 | 4P | | | | | | | |
| 61 | 23820 | 24.45 | 83 | 1.25 | | | | | | | | | |
| 74 | 19738 | 20.26 | 83 | 1.55 | | | | | | | | | |
| 86 | 16844 | 17.29 | 82 | 1.80 | | | | | | | | | |

选型参数表

(恒转矩) 200Nm-820Nm

Selection Table

(Constant Torque) 200Nm-820Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | |
|---------------------------|---------------------------|-------|-------------------------|--|--------------|---------------------------|---------------------------|--|-------------------------|--|--------------|--|
| 200 | 0.19 | 6832 | 5.4 | ZYK39R19 ZYKF39R19 ZYKA39R19 ZYKAF39R19 | 0.12 | 400 | 3.5 | 375 | 5.6 | ZYK49R39 | 0.25 | |
| | 0.22 | 5922 | 5.4 | | | | 4.1 | 327 | 5.6 | ZYKF49R39 | | |
| | 0.24 | 5491 | 5.4 | | | | 4.6 | 289 | 5.6 | ZYKA49R39 | | |
| | 0.28 | 4759 | 5.4 | | | | | | | ZYKAF49R39 | | |
| | 0.31 | 4160 | 5.4 | | | | 5.2 | 256 | 5.6 | ZYK49R39 | 0.37 | |
| | 0.36 | 3645 | 5.4 | | | | 5.9 | 225 | 5.6 | ZYKF49R39 | | |
| | 0.41 | 3205 | 5.4 | | | | 6.7 | 198 | 5.6 | ZYKA49R39 | | |
| | 0.47 | 2801 | 5.4 | | | | | | | ZYKAF49R39 | | |
| | 0.53 | 2454 | 5.4 | | | | 8.1 | 171 | 5.6 | ZYK49R39 | 0.55 | |
| | 0.60 | 2166 | 5.4 | | | | 9.1 | 153 | 5.6 | ZYKF49R39 | | |
| | 0.69 | 1892 | 5.4 | | | | 11 | 131 | 5.6 | ZYKA49R39 | | |
| | 0.79 | 1660 | 5.4 | | | | | | | ZYKAF49R39 | | |
| | 0.89 | 1466 | 5.4 | ZYK39R19 ZYKF39R19 ZYKA39R19 ZYKAF39R19 | 0.12 | 600 | 0.11 | 12169 | 7.2 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 0.12 | |
| | 1.02 | 1288 | 5.4 | | | | 0.12 | 11162 | 7.2 | | | |
| | 1.15 | 1136 | 5.4 | | | | 0.14 | 9503 | 7.2 | | | |
| | 1.32 | 996 | 5.4 | | | | 0.15 | 8547 | 7.2 | | | |
| | 1.50 | 876 | 5.4 | | | | 0.18 | 7277 | 7.2 | | | |
| | 1.72 | 761 | 5.4 | | | | 0.2 | 6478 | 7.2 | | | |
| | 1.95 | 671 | 5.4 | | | | 0.23 | 5662 | 7.2 | | | |
| | 2.24 | 585 | 5.4 | | | | 0.26 | 5033 | 7.2 | | | |
| | 2.56 | 512 | 5.4 | | | | 0.3 | 4340 | 7.2 | | | |
| | 2.90 | 451 | 5.4 | | | | 0.34 | 3854 | 7.2 | | | |
| | 3.31 | 396 | 5.4 | 0.39 | 3390 | | 7.2 | | | | | |
| | 3.79 | 346 | 5.4 | 0.45 | 2924 | | 7.2 | | | | | |
| | 4.31 | 304 | 5.4 | 0.51 | 2593 | | 7.2 | | | | | |
| | 4.91 | 267 | 5.4 | 0.58 | 2249 | | 7.2 | | | | | |
| | 5.60 | 234 | 5.4 | 0.66 | 1986 | | 7.2 | | | | | |
| | 6.39 | 205 | 5.4 | 0.75 | 1743 | | 7.2 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 0.12 | | | |
| | 7.3 | 181 | 5.4 | 0.85 | 1539 | | 7.2 | | | | | |
| | 8.3 | 160 | 5.4 | 0.97 | 1354 | | 7.2 | | | | | |
| | 9.8 | 136 | 5.4 | ZYK39R19 ZYKF39R19 ZYKA39R19 ZYKAF39R19 | 0.18 | | 1.1 | 1174 | 7.2 | | | |
| | 10.5 | 127 | 5.4 | | | | 1.3 | 1036 | 7.2 | | | |
| | 12 | 110 | 5.4 | | | | 1.4 | 906 | 7.2 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 0.18 | |
| | 14 | 96 | 5.4 | | | | 1.6 | 806 | 7.2 | | | |
| 400 | 0.13 | 10138 | 5.6 | ZYK49R39 ZYKF49R39 ZYKA49R39 ZYKAF49R39 | 0.12 | | 1.9 | 699 | 7.2 | | | |
| | 0.15 | 8534 | 5.6 | | | | 2.1 | 615 | 7.2 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 0.25 | |
| | 0.17 | 7662 | 5.6 | | | | 2.4 | 544 | 7.2 | | | |
| | 0.19 | 6826 | 5.6 | | | | 2.8 | 473 | 7.2 | | | |
| | 0.22 | 5983 | 5.6 | | | | 3.2 | 421 | 7.2 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 0.37 | |
| | 0.25 | 5158 | 5.6 | | | | 3.7 | 362 | 7.2 | | | |
| | 0.28 | 4601 | 5.6 | | | | 4.2 | 319 | 7.2 | | | |
| | 0.33 | 3940 | 5.6 | | | | 4.8 | 280 | 7.2 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 0.55 | |
| | 0.38 | 3477 | 5.6 | | | | 5.7 | 246 | 7.2 | | | |
| | 0.43 | 3043 | 5.6 | | | | 6.5 | 215 | 7.2 | | | |
| | 0.48 | 2732 | 5.6 | | | | 7.2 | 192 | 7.2 | | | |
| | 0.56 | 2354 | 5.6 | ZYK49R39 ZYKF49R39 ZYKA49R39 ZYKAF49R39 | 0.12 | 820 | 8.4 | 166 | 7.2 | ZYK59R39 ZYKF59R39 ZYKA59R39 ZYKAF59R39 | 0.75 | |
| | 0.63 | 2063 | 5.6 | | | | 9.6 | 145 | 7.2 | | | |
| | 0.72 | 1819 | 5.6 | | | | 11 | 129 | 7.2 | | | |
| | 0.83 | 1586 | 5.6 | | | | 13 | 111 | 7.2 | | | |
| | 0.94 | 1388 | 5.6 | | | | 14 | 97 | 7.2 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 0.12 | |
| | 1.1 | 1222 | 5.6 | | | | 0.11 | 12139 | 10 | | | |
| | 1.2 | 1097 | 5.6 | | | | 0.12 | 11134 | 10 | | | |
| | 1.4 | 945 | 5.6 | | | | 0.14 | 9479 | 10 | | | |
| | 1.6 | 831 | 5.6 | 0.16 | 8173 | | 10 | | | | | |
| | 1.8 | 718 | 5.6 | ZYK49R39 ZYKF49R39 ZYKA49R39 ZYKAF49R39 | 0.18 | | | | | | | |
| | 2.1 | 639 | 5.6 | | | | | | | | | |
| | 2.4 | 552 | 5.6 | | | | | | | | | |
| | 2.6 | 495 | 5.6 | | | | | | | | | |
| | 3.1 | 426 | 5.6 | | | | | | | | | |

选型参数表

(恒转矩) 820Nm-2700Nm

Selection Table

(Constant Torque) 820Nm-2700Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | | |
|---------------------------|---------------------------|-------|-------------------------|--|--|---------------------------|---------------------------|--|-------------------------|--|--------------|--|------|
| 820 | 0.18 | 7259 | 10 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 0.12 | 1550 | 1.4 | 920 | 15 | ZYK79R39 | 0.37 | | |
| | 0.2 | 6462 | 10 | | | | 1.6 | 812 | 15 | ZYKF79R39 | | | |
| | 0.23 | 5648 | 10 | | | | 1.9 | 706 | 15 | ZYKA79R39 | | | |
| | 0.27 | 4846 | 10 | | | | | | | ZYKAF79R39 | | | |
| | 0.3 | 4329 | 10 | | | | 2.2 | 620 | 15 | ZYK79R39 | 0.55 | | |
| | 0.35 | 3750 | 10 | | | | 2.5 | 550 | 15 | ZYKF79R39 | | | |
| | 0.4 | 3315 | 10 | | | | 2.9 | 483 | 15 | ZYKA79R39 | | | |
| | 0.45 | 2917 | 10 | | | | | | | ZYKAF79R39 | | | |
| | 0.52 | 2532 | 10 | | | | | | | ZYK79R39 | 0.75 | | |
| | 0.58 | 2244 | 10 | 3.3 | 426 | | 15 | ZYKF79R39 | | | | | |
| | 0.66 | 1981 | 10 | 3.8 | 366 | | 15 | ZYKA79R39 | | | | | |
| | | | | | | | | ZYKAF79R39 | | | | | |
| | 0.75 | 1739 | 10 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 0.12 | | 2700 | 4.3 | 326 | 15 | ZYK79R39 | 1.1 | |
| | 0.85 | 1536 | 10 | | | | | 4.8 | 289 | 15 | ZYKF79R39 | | |
| | 0.97 | 1351 | 10 | | | | | 5.6 | 251 | 15 | ZYKA79R39 | | |
| | | | | | | | | | ZYKAF79R39 | | | | |
| | 1.1 | 1171 | 10 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 0.18 | 0.09 | | 14828 | 26 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 0.12 | | |
| | 1.3 | 1034 | 10 | | | 0.10 | | 13168 | 26 | | | | |
| | 1.5 | 903 | 10 | | | 0.11 | | 11736 | 26 | | | | |
| | 1.7 | 793 | 10 | | | 0.13 | | 10217 | 26 | | | | |
| | 1.9 | 697 | 10 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 0.25 | 0.14 | | 9073 | 26 | | | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 0.18 |
| | 2.2 | 613 | 10 | | | 0.17 | | 7854 | 26 | | | | |
| | 2.5 | 542 | 10 | | | 0.19 | | 6832 | 26 | | | | |
| | | | | ZYKAF69R39 | 0.22 | 5930 | | 26 | | | | | |
| | 2.8 | 471 | 10 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 0.37 | 0.25 | | 5239 | 26 | | | | |
| | 3.2 | 420 | 10 | | | 0.29 | | 4562 | 26 | | | | |
| | 3.9 | 361 | 10 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 0.55 | 0.32 | | 4037 | 26 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 0.25 | | |
| | 4.3 | 323 | 10 | | | 0.36 | | 3609 | 26 | | | | |
| | 5 | 279 | 10 | | | 0.42 | 3106 | 26 | | | | | |
| | 5.7 | 246 | 10 | | | 0.48 | 2728 | 26 | | | | | |
| | | | | ZYKAF69R39 | 0.56 | 2371 | 26 | ZYK89R59 ZYKF89R59 ZYKA89R59 ZYKAF89R59 | 0.25 | | | | |
| | 6.4 | 217 | 10 | ZYK69R39 ZYKF69R39 ZYKA69R39 ZYKAF69R39 | 0.75 | 0.64 | 2087 | | | 26 | | | |
| | 7.3 | 191 | 10 | | | 0.72 | 1854 | | | 26 | | | |
| | | | | ZYKAF69R39 | | | | | | | | | |
| | 1550 | 0.09 | 15248 | 15 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 0.12 | 2700 | 0.80 | 1658 | 26 | ZYK89R59 | 0.37 | |
| 0.09 | | 13986 | 15 | 0.94 | | | | 1415 | 26 | ZYKF89R59 | | | |
| 0.11 | | 11907 | 15 | 1.08 | | | | 1229 | 26 | ZYKA89R59 | | | |
| 0.13 | | 10176 | 15 | | | | | | | ZYKAF89R59 | | | |
| 0.15 | | 8774 | 15 | 1.3 | | | | 1078 | 26 | ZYK89R59 | 0.55 | | |
| 0.17 | | 7497 | 15 | 1.5 | | | | 951 | 26 | ZYKF89R59 | | | |
| 0.2 | | 6579 | 15 | 1.7 | | | | 837 | 26 | ZYKA89R59 | | | |
| 0.23 | | 5751 | 15 | | | | | | | ZYKAF89R59 | | | |
| 0.26 | | 5068 | 15 | 1.9 | | | | 726 | 26 | ZYK89R59 | 0.75 | | |
| 0.29 | | 4471 | 15 | 2.2 | | | | 638 | 26 | ZYKF89R59 | | | |
| 0.33 | | 3945 | 15 | | | | | | | ZYKA89R59 | | | |
| 0.38 | | 3470 | 15 | | | | | | | ZYKAF89R59 | | | |
| 0.45 | | 2890 | 15 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 0.18 | 2.5 | | 562 | 26 | ZYK89R59 | 1.1 | | |
| 0.48 | | 2706 | 15 | | | 3.0 | | 474 | 26 | ZYKF89R59 | | | |
| | | | | | | 3.3 | | 426 | 26 | ZYKA89R59 | | | |
| | | | | | | | | | | ZYKAF89R59 | | | |
| 0.56 | | 2360 | 15 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 0.18 | 3.8 | 373 | 26 | ZYK89R59 | 1.5 | | | |
| 0.64 | | 2041 | 15 | | | 4.2 | 330 | 26 | ZYKF89R59 | | | | |
| 0.74 | | 1764 | 15 | | | | | | ZYKA89R59 | | | | |
| 0.87 | | 1508 | 15 | | | | | | ZYKAF89R59 | | | | |
| 1 | | 1382 | 15 | ZYK79R39 ZYKF79R39 ZYKA79R39 ZYKAF79R39 | 0.25 | 4.9 | 293 | 26 | ZYK89R59 | 2.2 | | | |
| 1.1 | | 1213 | 15 | | | 5.7 | 250 | 26 | ZYKF89R59 | | | | |
| 1.3 | | 1048 | 15 | | | 6.1 | 236 | 26 | ZYKA89R59 | | | | |
| | | | | | | 7.1 | 201 | 26 | ZYKAF89R59 | | | | |

选型参数表

(恒转矩) 4300Nm-13000Nm

Selection Table

(Constant Torque) 4300Nm-13000Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | | | | | | | | | | | | | | | | | | |
|---------------------------|---------------------------|-------|-------------------------|--|--------------|---------------------------|--|-------|-------------------------|--|---------------------------|-------------|----|--|------|------|------|----|--|------|------|-------|--|--|------|-------|------|--|------|
| 4300 | 0.07 | 18091 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 0.12 | 8000 | 0.12 | 10678 | 62 | ZYK109R79 | 0.18 | | | | | | | | | | | | | | | | | | |
| | 0.08 | 16666 | 38 | | | | 0.14 | 9524 | 62 | ZYKF109R79 | | | | | | | | | | | | | | | | | | | |
| | 0.09 | 14896 | 38 | | | | 0.16 | 8328 | 62 | ZYKA109R79 | | | | | | | | | | | | | | | | | | | |
| | 0.10 | 13183 | 38 | | | | | | | ZYKAF109R79 | | | | | | | | | | | | | | | | | | | |
| | 0.11 | 11677 | 38 | | | | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 0.25 | | | | | | | | | | | | | | | | | | | | | |
| | 0.13 | 10317 | 38 | | | | | | 0.18 | 7269 | 62 | ZYKF109R79 | | | | | | | | | | | | | | | | | |
| | 0.14 | 9083 | 38 | | | | | | 0.22 | 6184 | 62 | ZYKA109R79 | | | | | | | | | | | | | | | | | |
| | 0.16 | 8055 | 38 | | | | | | 0.23 | 5662 | 62 | ZYKAF109R79 | | | | | | | | | | | | | | | | | |
| | 0.19 | 6969 | 38 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 0.37 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.22 | 6027 | 38 | | | | 0.26 | 5138 | 62 | ZYKF109R79 | | | | | | | | | | | | | | | | | | | |
| | 0.24 | 5392 | 38 | | | | 0.31 | 4360 | 62 | ZYKA109R79 | | | | | | | | | | | | | | | | | | | |
| | 0.28 | 4669 | 38 | | | | 0.35 | 3811 | 62 | ZYKAF109R79 | | | | | | | | | | | | | | | | | | | |
| | 0.32 | 4081 | 38 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 0.55 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.37 | 3583 | 38 | | | | 0.41 | 3358 | 62 | ZYKF109R79 | | | | | | | | | | | | | | | | | | | |
| | 0.43 | 3108 | 38 | | | | ZYKA99R59 ZYKAF99R59 | 0.47 | 2977 | 62 | ZYKA109R79 ZYKAF109R79 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.48 | 2756 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 0.37 | | 0.61 | 2286 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 0.55 | 2419 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 0.37 | 0.82 | 1713 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 0.75 | 1102 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 0.75 | 0.9 | 1555 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.1 |
| | 1.3 | 1102 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 1.5 | | 1.4 | 1030 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 1.5 | 957 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 2.2 | 1.8 | 793 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 1.6 | 855 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 3 | 2.1 | 696 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.9 |
| | 2.2 | 651 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 5.5 | | 3.5 | 408 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 2.4 | 573 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 2.2 | 4.5 | 318 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 2.8 | 504 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 3 | 5 | 286 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.3 |
| | 3.7 | 382 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 5.5 | | 4.5 | 318 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 4.2 | 342 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 5.5 | 5 | 286 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 4.7 | 305 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 3 | 0.07 | 17550 | 75 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.5 |
| | 6.2 | 232 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 0.25 | | 0.12 | 10914 | 75 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 7.2 | 199 | 38 | ZYK99R59 ZYKF99R59 ZYKA99R59 ZYKAF99R59 | 0.37 | 0.16 | 8443 | 75 | ZYK129R79 ZYKF129R79 ZYKA129R79 ZYKAF129R79 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 8000 | 0.09 | 14311 | 62 | ZYK109R79 ZYKF109R79 ZYKA109R79 ZYKAF109R79 | 0.12 | 0.18 | 7483 | 75 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.11 |

ZYK 系列斜齿轮-锥齿轮减速电机

选型参数表

(恒转矩) 13000Nm-18000Nm

Selection Table

(Constant Torque) 13000Nm-18000Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---------------------------|---------------------------|-------|-------------------------|------------------|--------------|---------------------------|---------------------------|--------------|-------------------------|------------------|--------------|
| 13000 | 0.24 | 5804 | 75 | ZYK129R79 | 0.55 | 18000 | 0.12 | 11368 | 107 | ZYK159R99 | 0.55 |
| | 0.28 | 5027 | 75 | ZYKF129R79 | | | 0.14 | 10114 | 107 | ZYKF159R99 | |
| | 0.31 | 4423 | 75 | ZYKA129R79 | | | 0.16 | 8717 | 107 | ZYKA159R99 | |
| | 0.36 | 3889 | 75 | ZYKAF129R79 | | | 0.18 | 7734 | 107 | ZYKAF159R99 | |
| | 0.42 | 3311 | 75 | ZYK129R79 | 0.75 | | 0.28 | 5074 | 107 | ZYK159R99 | 1.1 |
| | 0.46 | 3009 | 75 | ZYKF129R79 | | | 0.31 | 4514 | 107 | ZYKF159R99 | |
| | | | | ZYKA129R79 | | | 0.35 | 3979 | 107 | ZYKA159R99 | |
| | | | | ZYKAF129R79 | 0.40 | | 3540 | 107 | ZYKAF159R99 | | |
| | 0.54 | 2607 | 75 | ZYK129R79 | 1.1 | | | | | ZYK159R99 | |
| | 0.62 | 2268 | 75 | ZYKF129R79 | | | 0.54 | 2610 | 107 | ZYKF159R99 | |
| | | | | ZYKA129R79 | | | 0.60 | 2323 | 107 | ZYKA159R99 | |
| | | | | ZYKAF129R79 | | | | | ZYKAF159R99 | | |
| | 0.73 | 1926 | 75 | ZYK129R79 | 1.1 | | 0.70 | 2029 | 107 | ZYK159R99 | 2.2 |
| | | | | ZYKF129R79 | | | 0.79 | 1805 | 107 | ZYKF159R99 | |
| | | | | ZYKA129R79 | | | | | | ZYKA159R99 | |
| | | | | ZYKAF129R79 | | | | | ZYKAF159R99 | | |
| | 0.8 | 1757 | 75 | ZYK129R79 | 1.5 | | 0.86 | 1659 | 107 | ZYBK159R99 | 2.2 |
| | 0.91 | 1541 | 75 | ZYKF129R79 | | | 1.05 | 1365 | 107 | ZYKF159R99 | |
| | | | | ZYKA129R79 | | | | | | ZYKA159R99 | |
| | | | | ZYKAF129R79 | | | | | ZYKAF159R99 | | |
| | 1.1 | 1342 | 75 | ZYK129R79 | 2.2 | | | | | ZYK159R99 | 3 |
| | 1.2 | 1177 | 75 | ZYKF129R79 | | | 1.2 | 1229 | 107 | ZYZKF159R99 | |
| | 1.4 | 1025 | 75 | ZYKA129R79 | | | 1.3 | 1093 | 107 | ZYKA159R99 | |
| | | | | ZYKAF129R79 | | | | | ZYKAF159R99 | | |
| 1.6 | 899 | 75 | ZYK129R79 | 3 | 1.5 | 942 | 107 | ZYK159R99 | 4 | | |
| 1.8 | 790 | 75 | ZYKF129R79 | | 1.7 | 853 | 107 | ZYKF159R99 | | | |
| 2 | 704 | 75 | ZYKA129R79 | | 1.9 | 756 | 107 | ZYKA159R99 | | | |
| | | | ZYKAF129R79 | | | | ZYKAF159R99 | | | | |
| 2.4 | 610 | 75 | ZYK129R79 | 4 | | | | ZYK159R99 | 5.5 | | |
| 2.6 | 549 | 75 | ZYKF129R79 | | 2.2 | 661 | 107 | ZYKF159R99 | | | |
| | | | ZYKA129R79 | | 2.5 | 567 | 107 | ZYKA159R99 | | | |
| | | | ZYKAF129R79 | | | | ZYKAF159R99 | | | | |
| 3 | 477 | 75 | ZYK129R79 | 5.5 | | | | ZYK159R99 | 7.5 | | |
| 3.4 | 419 | 75 | ZYKF129R79 | | 2.9 | 504 | 107 | ZYKF159R99 | | | |
| | | | ZYKA129R79 | | 3.3 | 434 | 107 | ZYKA159R99 | | | |
| | | | ZYKAF129R79 | | | | ZYKAF159R99 | | | | |
| 2.7 | 539 | 75 | ZYK129R89 | 4 | | | | ZYK159R99 | 7.5 | | |
| | | | ZYKF129R89 | | 3.8 | 379 | 107 | ZYKF159R99 | | | |
| | | | ZYKA129R89 | | 4.3 | 333 | 107 | ZYKA159R99 | | | |
| | | | ZYKAF129R89 | | | | ZYKAF159R99 | | | | |
| 3 | 476 | 75 | ZYK129R89 | 5.5 | | | | ZYK159R99 | 11 | | |
| 3.4 | 420 | 75 | ZYKF129R89 | | 5.0 | 291 | 107 | ZYKF159R99 | | | |
| | | | ZYKA129R89 | | | | | ZYKA159R99 | | | |
| | | | ZYKAF129R89 | | | | ZYKAF159R99 | | | | |
| 3.9 | 368 | 75 | ZYK129R89 | 7.5 | | | | ZYK159R109 | 7.5 | | |
| 4.4 | 331 | 75 | ZYKF129R89 | | 3.7 | 385 | 107 | ZYKF159R109 | | | |
| 5 | 287 | 75 | ZYKA129R89 | | 4.4 | 325 | 107 | ZYKA159R109 | | | |
| | | | ZYKAF129R89 | | | | ZYKAF159R109 | | | | |
| 5.7 | 254 | 75 | ZYK129R89 | 7.5 | | | | ZYK159R109 | 11 | | |
| | | | ZYKF129R89 | | 4.9 | 299 | 107 | ZYKF159R109 | | | |
| | | | ZYKA129R89 | | | | | ZYKA159R109 | | | |
| | | | ZYKAF129R89 | | | | ZYKAF159R109 | | | | |
| 18000 | 0.08 | 17680 | 107 | ZYK159R99 | 0.55 | | | | ZYK159R109 | 15 | |
| | 0.09 | 15730 | 107 | ZYKF159R99 | | 5.8 | 253 | 107 | ZYKF159R109 | | |
| | 0.09 | 14721 | 107 | ZYKA159R99 | | 6.3 | 230 | 107 | ZYKA159R109 | | |
| | 0.11 | 13097 | 107 | ZYKAF159R99 | | 6.9 | 213 | 107 | ZYKA159R109 | | |
| | | | | ZYKAF159R99 | | | | ZYKAF159R109 | | | |

选型参数表

(恒转矩) 32000Nm-50000Nm

Selection Table

(Constant Torque) 32000Nm-50000Nm

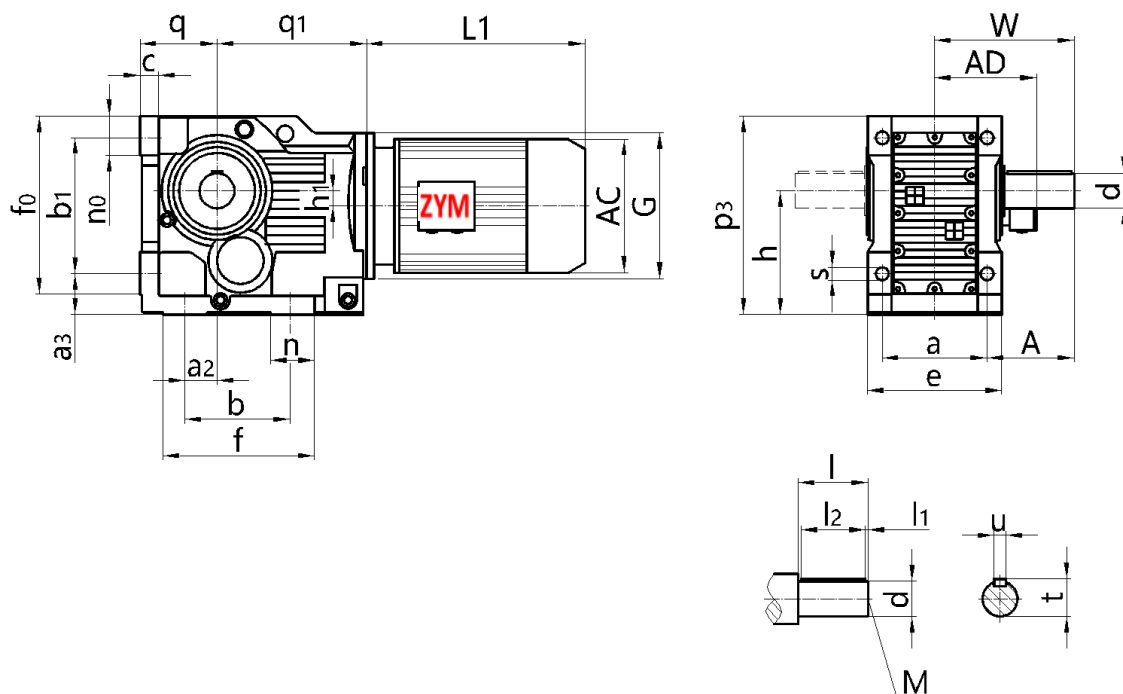
| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | | |
|---------------------------|---------------------------|-------|-------------------------|---------------------------|--------------|---------------------------|---------------------------|-------|---------------------------|---------------------------|-------------------------|-------------------------|---------------------------|
| 32000 | 0.07 | 19725 | 135 | ZYK169R99 ZYKA169R99 | 0.55 | 50000 | 0.04 | 32625 | 171 | ZYK189R99 ZYKA189R99 | 0.55 | | |
| | 0.08 | 17409 | 135 | | | | 0.05 | 27165 | 171 | | | | |
| | 0.09 | 15000 | 135 | | | | 0.06 | 24353 | 171 | | | | |
| | 0.11 | 13238 | 135 | | | | 0.07 | 19144 | 171 | | | | |
| | 0.12 | 11575 | 135 | | | | 0.08 | 16978 | 171 | | | | |
| | 0.14 | 10265 | 135 | | | | 0.10 | 14272 | 171 | | | | |
| | 0.16 | 8629 | 135 | ZYK169R99 ZYKA169R99 | 0.75 | | 0.11 | 13116 | 171 | ZYK189R99 ZYKA189R99 | 0.75 | | |
| | 0.21 | 6562 | 135 | ZYK169R99 | | | 1.1 | 0.12 | 11647 | 171 | | | |
| | 0.26 | 5355 | 135 | ZYKA169R99 | | | | 0.13 | 10413 | 171 | | | |
| | 0.29 | 4788 | 135 | ZYK169R99 | 1.5 | | | 0.15 | 9363 | 171 | ZYK189R99 ZYKA189R99 | 1.1 | |
| | 0.34 | 4079 | 135 | ZYKA169R99 | | | 0.17 | 8126 | 171 | | | | |
| | 0.42 | 3376 | 135 | ZYK169R99 | | | 2.2 | 0.19 | 7343 | 171 | ZYK189R99 ZYKA189R99 | | 1.5 |
| | 0.52 | 2755 | 135 | ZYKA169R99 | 0.21 | | | 6747 | 171 | ZYK189R99 ZYKA189R99 | 2.2 | | |
| | 0.63 | 2264 | 135 | ZYK169R99 | 0.23 | | | 5991 | 171 | | | | |
| | 0.66 | 2182 | 135 | ZYKA169R99 | 0.27 | | 5358 | 171 | ZYK189R99 ZYKA189R99 | | | 3 | |
| | 0.85 | 1704 | 135 | ZYK169R99 | 0.30 | | 4817 | 171 | | ZYK189R99 ZYKA189R99 | 4 | | |
| | 1.02 | 1408 | 135 | ZYKA169R99 | 0.33 | | 4370 | 171 | | | | | |
| | 1.11 | 1296 | 135 | ZYK169R99 | 5.5 | | 0.40 | 3609 | 171 | | | ZYK189R99 ZYKA189R99 | 4 |
| | 1.31 | 1101 | 135 | Y | | | 0.47 | 3062 | 171 | ZYK189R99 ZYKA189R99 | 5.5 | | |
| | 1.53 | 944 | 135 | ZYK169R99 ZYKA169R99 | | | 0.57 | 2519 | 171 | | | ZYK189R99 ZYKA189R99 | |
| | 1.71 | 844 | 135 | | 0.63 | | 2268 | 171 | ZYK189R99 ZYKA189R99 | | | | 7.5 |
| | 1.90 | 757 | 135 | | 0.70 | | 2054 | 171 | | ZYK189R99 ZYKA189R99 | 11 | | |
| | 2.28 | 632 | 135 | | 0.79 | | 1821 | 171 | | | | ZYK189R99 ZYKA189R99 | |
| | 2.6 | 561 | 135 | | ZYK169R99 | | 0.90 | 1605 | 171 | | | | ZYK189R99 ZYKA189R99 |
| | 3.0 | 481 | 135 | | ZYKA169R99 | | 1.03 | 1395 | 171 | ZYK189R99 ZYKA189R99 | 22 | | |
| | 3.5 | 423 | 135 | ZYK169R99 | 1.20 | | 1196 | 171 | ZYK189R99 ZYKA189R99 | | | 30 | |
| | 4.0 | 369 | 135 | ZYKA169R99 | 1.38 | | 1046 | 171 | | | | | ZYK189R99 ZYKA189R99 |
| | 4.6 | 317 | 135 | ZYK169R109 ZYKA169R109 | 1.52 | | 945 | 171 | | ZYK189R99 ZYKA189R99 | 45 | | |
| | 5.3 | 277 | 135 | ZYK169R109 | 2.0 | | 738 | 171 | ZYK189R99 ZYKA189R99 | | | 45 | |
| | 6.0 | 244 | 135 | ZYKA169R109 | 2.4 | | 621 | 171 | | | | | ZYK189R99 ZYKA189R99 |
| | 6.9 | 213 | 135 | ZYK169R109 | 2.8 | | 527 | 171 | | ZYK189R109 ZYKA189R109 | 45 | | |
| | 7.2 | 205 | 135 | ZYKA169R109 | 1.7 | | 835 | 171 | ZYK189R109 ZYKA189R109 | | | 45 | |
| | 8.2 | 180 | 135 | ZYK169R109 | 2.0 | | 729 | 171 | | | | | ZYK189R109 ZYKA189R109 |
| | 9.3 | 159 | 135 | ZYKA169R109 | 2.3 | | 622 | 171 | | ZYK189R109 ZYKA189R109 | 45 | | |
| | 11.0 | 135 | 135 | ZYK169R109 | 2.8 | | 520 | 171 | ZYK189R109 ZYKA189R109 | | | 45 | |
| | 12.5 | 118 | 135 | ZYKA169R109 | 3.2 | | 454 | 171 | | | | | ZYK189R109 ZYKA189R109 |
| | | | | | 4.1 | | 355 | 171 | | ZYK189R109 ZYKA189R109 | 45 | | |
| | | | | | 5.7 | | 261 | 171 | ZYK189R109 ZYKA189R109 | | | 45 | |
| | | | | | 6.7 | | 221 | 171 | | | | | ZYK189R109 ZYKA189R109 |
| | | | | | 7.7 | | 193 | 171 | | ZYK189R109 ZYKA189R109 | 45 | | |
| | | | | | 9.1 | | 163 | 171 | ZYK189R109 ZYKA189R109 | | | 45 | |

安装结构尺寸

ZYK39-159

Mounting Dimensional Description

ZYK39-159



| 机型号 Type Size | a b | a_2 h | b_1 q | q_1 h_1 | s a_3 | d l | l_1 l_2 | u t | w A | e p_3 | c n_0 | f_0 f | n M | G | 电机尺寸 Motor Size | | |
|------------------|------------|---------------|----------------|----------------|-------------------|---------------------|----------------|------------|--------------|--------------|--------------|--------------|------------|------------|---|----|----|
| | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYK39 | 100 110 | 28 100-0.5 | 115 63-0.5 | 139 8.5 | $\Phi 11$ 32 | $\Phi 25k6$ 50 | 5 40 | 8 28 | 110 60 | 120 165 | 16 37 | 150 143 | 38 M10 | $\Phi 120$ | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYK49 | 120 130 | 35 112-0.5 | 130 71-0.5 | 166 7.2 | $\Phi 11$ 37 | $\Phi 30k6$ 60 | 3.5 50 | 8 33 | 135 75 | 145 185 | 18 37 | 170 162 | 32 M10 | $\Phi 160$ | | | |
| ZYK59 | 130 130 | 30 132-0.5 | 150 80-0.5 | 173 13.1 | $\Phi 13.5$ 45 | $\Phi 35k6$ 70 | 7 56 | 10 38 | 153 88 | 157 217 | 21 43 | 190 172 | 43 M12 | $\Phi 160$ | | | |
| ZYK69 | 140 120 | 30 140-0.5 | 160 90-0.5 | 179 20 | $\Phi 13.5$ 45 | $\Phi 40k6$ 80 | 5 70 | 12 43 | 171 101 | 170 228 | 24 43 | 203 170 | 45 M16 | $\Phi 160$ | | | |
| ZYK79 | 165 150 | 40 180-0.5 | 200 112-0.5 | 202 31.3 | $\Phi 17.5$ 55 | $\Phi 50k6$ 100 | 10 80 | 14 53.5 | 206 123.5 | 200 288 | 27 55 | 263 212.5 | 55 M16 | $\Phi 200$ | | | |
| ZYK89 | 180 180 | 55 212-0.5 | 233 132-0.5 | 257 25.9 | $\Phi 22$ 70 | $\Phi 60m6$ 120 | 5 110 | 18 64 | 240 150 | 230 340 | 32 67 | 305 260 | 75 M20 | $\Phi 250$ | | | |
| ZYK99 | 240 240 | 75 265-1 | 295 160-0.5 | 277 32.3 | $\Phi 26$ 75 | $\Phi 70m6$ 140 | 7.5 125 | 20 74.5 | 291 171 | 290 417 | 36 82 | 372 294 | 60 M20 | $\Phi 300$ | | | |
| ZYK109 | 270 280 | 95 315-1 | 360 200-0.5 | 341 52 | $\Phi 33$ 95 | $\Phi 90m6$ 170 | 5 160 | 25 95 | 347 212 | 340 503 | 40 90 | 448 380 | 100 M24 | $\Phi 350$ | | | |
| ZYK129 | 330 350 | 115 375-1 | 420 225-0.5 | 390 53 | $\Phi 39$ 110 | $\Phi 110m6$ 210 | 15 180 | 28 116 | 418 253 | 400 592 | 45 111 | 526 440 | 100 M24 | $\Phi 450$ | | | |
| ZYK159 | 420 380 | 140 450-1 | 500 280-1 | 426 71.7 | $\Phi 39$ 130 | $\Phi 120m6$ 210 | 5 200 | 32 127 | 457 247 | 500 705 | 50 125 | 634 480 | 100 M24 | $\Phi 550$ | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

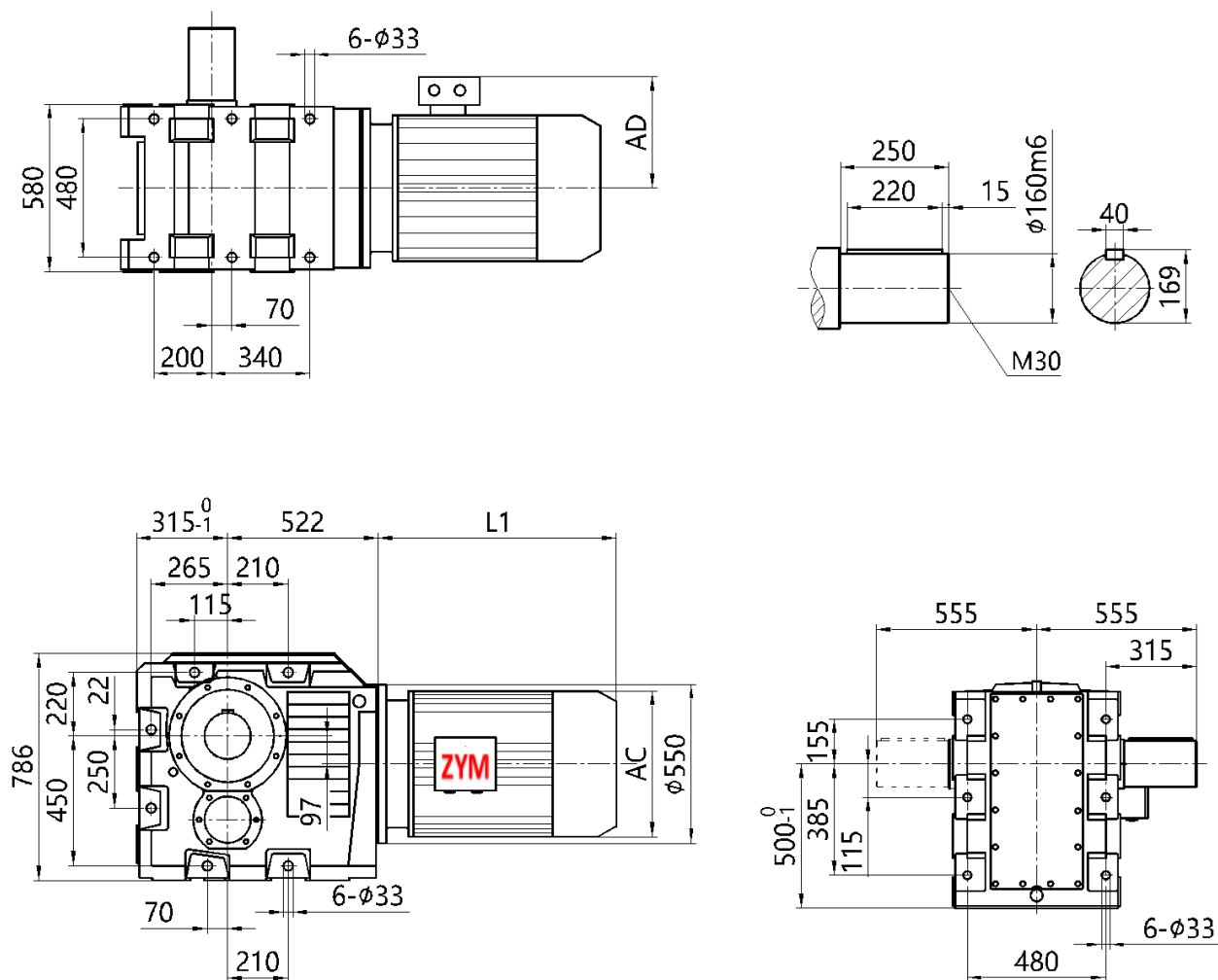
Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺 寸 ZYK169

Mounting Dimensional Description ZYK169



注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

注：直联电机尺寸见附录 A-2 和 A-3

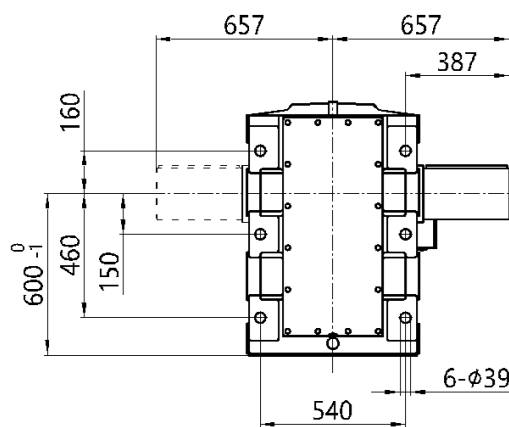
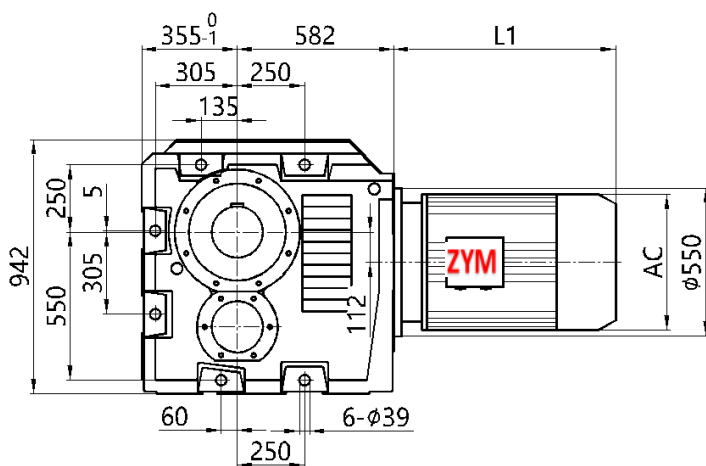
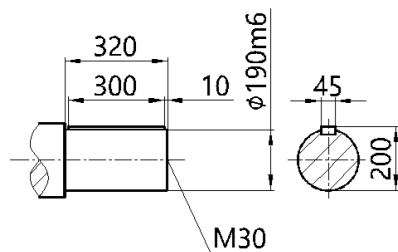
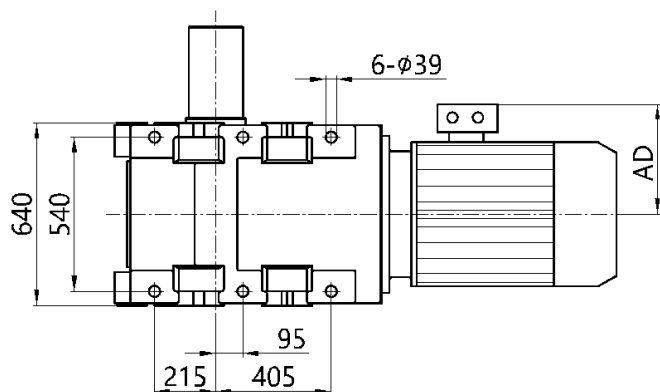
Note:See Appendix A-2 and A-3 for dimensions of direct-connected motors

安装结构尺寸

ZYK189

Mounting Dimensional Description

ZYK189



注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

注：直联电机尺寸见附录 A-2 和 A-3

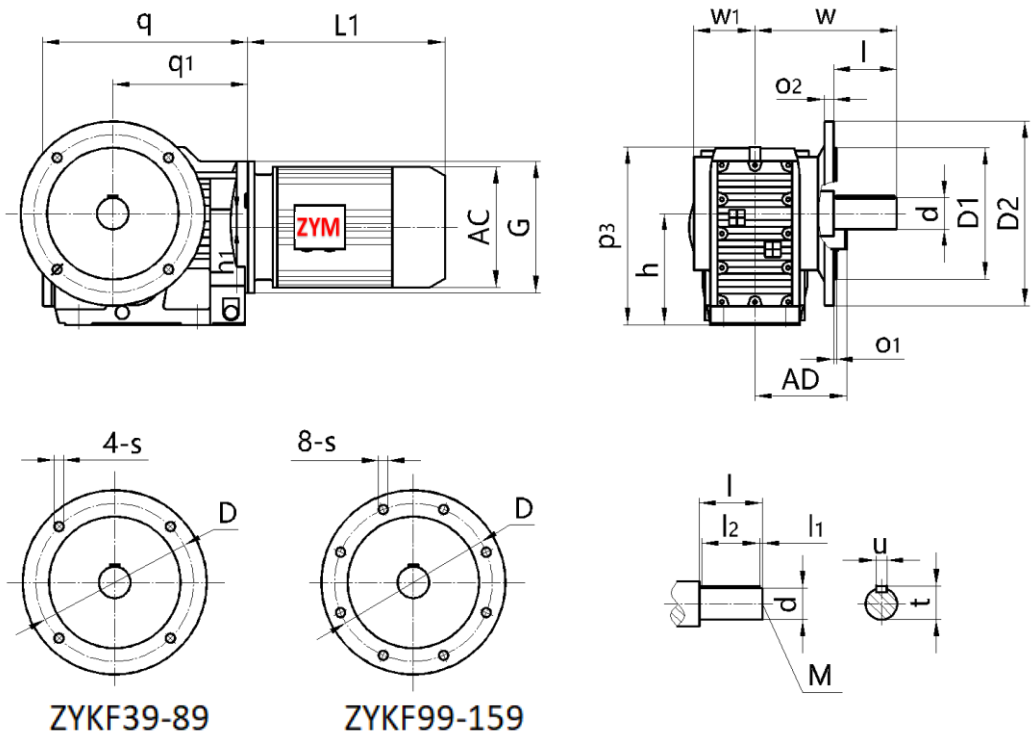
Note: See Appendix A-2 and A-3 for dimensions of direct-connected motors

安装结构尺寸

ZYKF39-159

Mounting Dimensional Description

ZYKF39-159



ZYKF39-89

ZYKF99-159

| 机 型 号 Type Size | s o ₂ | q w | q ₁ w ₁ | h ₁ l | D l ₁ | D1 l ₂ | D2 d | h M | p ₃ u | o ₁ t | G | 电机尺寸 Motor Size | | |
|--------------------|---------------------|--------------|----------------------------------|---------------------|---------------------|----------------------|----------------|----------------|---------------------|---------------------|------|---|----|----|
| | | | | | | | | | | | | AC | AD | L1 |
| ZYKF39 | Φ9 10 | 210 134 | 139 57.5 | 8.5 50 | Φ130 5 | Φ110j6 40 | Φ160 Φ25k6 | 100-0.5 M10 | 164 8 | 3.5 28 | Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYKF49 | Φ11 12 | 243 160 | 166 72 | 7.2 60 | Φ165 3.5 | Φ130j6 50 | Φ200 Φ30k6 | 112-0.5 M10 | 185 8 | 3.5 33 | Φ160 | | | |
| ZYKF59 | Φ13.5 15 | 270 176.5 | 173 80 | 13.1 70 | Φ215 7 | Φ180j6 56 | Φ250 Φ35k6 | 132-0.5 M12 | 215 10 | 4 38 | Φ160 | | | |
| ZYKF69 | Φ13.5 15 | 275 193 | 179 86.5 | 20 80 | Φ215 5 | Φ180j6 70 | Φ250 Φ40k6 | 140-0.5 M16 | 226 12 | 4 43 | Φ160 | | | |
| ZYKF79 | Φ13.5 16 | 313 242 | 202 101 | 31.3 100 | Φ265 10 | Φ230j6 80 | Φ300 Φ50k6 | 180-0.5 M16 | 288 14 | 4 53.5 | Φ200 | | | |
| ZYKF89 | Φ17.5 18 | 391 270 | 257 146 | 25.9 120 | Φ300 5 | Φ250h6 110 | Φ350 Φ60m6 | 212-0.5 M20 | 338 18 | 5 64 | Φ250 | | | |
| ZYKF99 | Φ17.5 22 | 435 332 | 277 176 | 32.3 140 | Φ400 7.5 | Φ350h6 125 | Φ450 Φ70m6 | 265-1 M20 | 417 20 | 5 74.5 | Φ300 | | | |
| ZYKF109 | Φ17.5 22 | 537 386 | 341 181 | 52 170 | Φ400 5 | Φ350h6 160 | Φ450 Φ90m6 | 315-1 M24 | 500 25 | 5 95 | Φ350 | | | |
| ZYKF129 | Φ17.5 25 | 615 466 | 390 203 | 53 210 | Φ500 15 | Φ450h6 180 | Φ550 Φ110m6 | 375-1 M24 | 592 28 | 5 116 | Φ450 | | | |
| ZYKF159 | Φ22 28 | 706 520 | 426 254 | 71.7 210 | Φ600 5 | Φ550h6 200 | Φ660 Φ120m6 | 450-1 M24 | 705 32 | 6 127 | Φ550 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

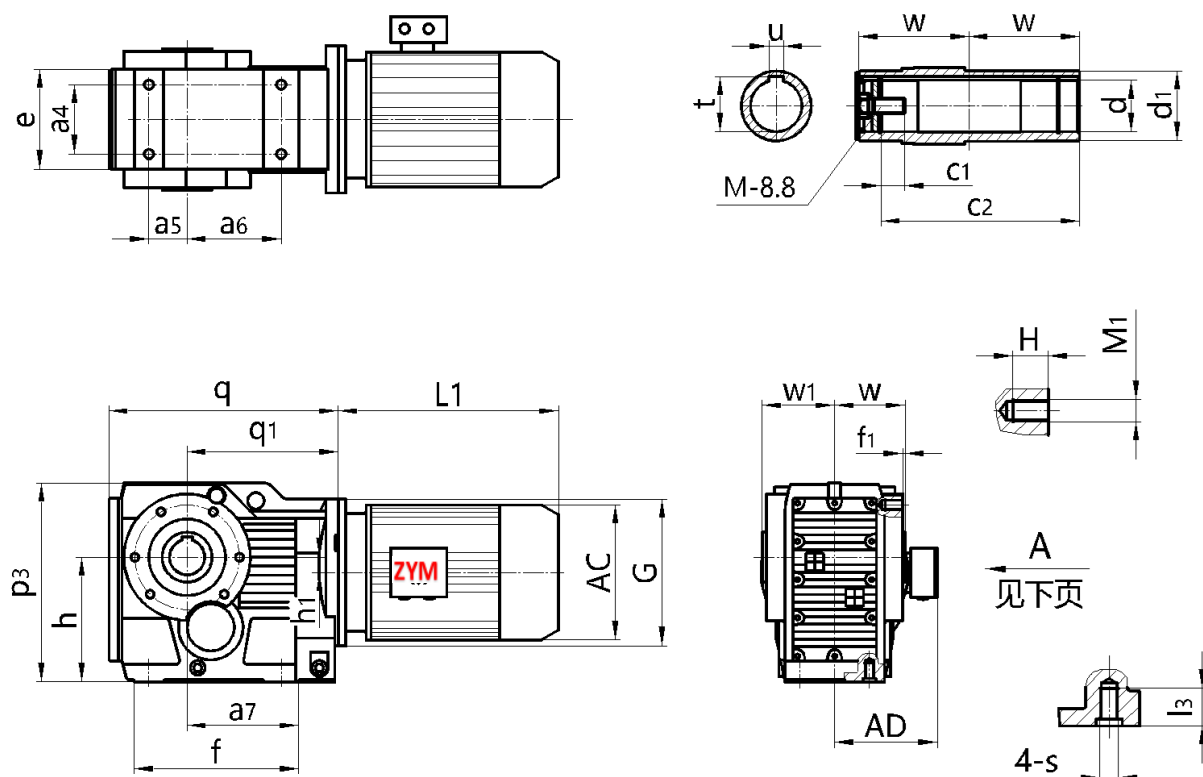
ZYK 系列斜齿轮-锥齿轮减速电机

安装结构尺寸

ZYKA39-109

Mounting Dimensional Description

ZYKA39-109



| 机 型 号 Type Size | s q | l ₃ q ₁ | e w | a ₄ d | a ₅ d ₁ | a ₆ t | a ₇ u | f f ₁ | h H | h ₁ M ₁ | p ₃ c ₁ | c ₂ M | G w ₁ | 电机尺寸 Motor Size | | |
|--------------------|------------|----------------------------------|------------|---------------------|----------------------------------|---------------------|---------------------|---------------------|---------------------------|----------------------------------|----------------------------------|---------------------|---------------------|---|----|----|
| | | | | | | | | | | | | | | AC | AD | L1 |
| ZYKA39 | M10 210 | 20 139 | 100 60 | 60 Φ30H7 | 35 Φ45 | 82 33.3 | 97 8 | 147 2.5 | 100 ^{-0.5} 15 | 8.5 M8 | 164 17 | 105 M10×25 | Φ120 63 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYKA49 | M10 243 | 20 166 | 110 75 | 70 Φ35H7 | 40 Φ50 | 100 38.3 | 115 10 | 170 3 | 112 ^{-0.5} 14 | 7.2 M8 | 185 22 | 132 M12×30 | Φ160 78 | | | |
| ZYKA59 | M12 270 | 25 173 | 122 83 | 88 Φ40H7 | 47 Φ55 | 105 43.3 | 120 12 | 182 3 | 132 ^{-0.5} 20 | 13.1 M12 | 215 29 | 142 M16×40 | Φ160 86 | | | |
| ZYKA69 | M12 275 | 25 179 | 130 90 | 88 Φ40H7 | 42 Φ55 | 110 43.3 | 125 12 | 182 3.5 | 140 ^{-0.5} 21 | 20 M12 | 226 29 | 156 M16×40 | Φ160 94 | | | |
| ZYKA79 | M16 313 | 32 202 | 156 105 | 102 Φ50H7 | 48 Φ70 | 122 53.8 | 139 14 | 204 4 | 180 ^{-0.5} 23 | 31.3 M12 | 288 32 | 183 M16×45 | Φ200 108 | | | |
| ZYKA89 | M16 391 | 32 257 | 170 120 | 118 Φ60H7 | 65 Φ85 | 160 64.4 | 190 18 | 280 4 | 212 ^{-0.5} 30 | 25.9 M16 | 338 36 | 210 M20×50 | Φ250 123 | | | |
| ZYKA99 | M20 435 | 36 277 | 226 150 | 160 Φ70H7 | 83 Φ95 | 165 74.9 | 190 20 | 298 4 | 265 ⁻¹ 28 | 32.3 M16 | 417 34 | 270 M20×50 | Φ300 153 | | | |
| ZYKA109 | M24 537 | 44 341 | 268 175 | 190 Φ90H7 | 100 Φ118 | 190 95.4 | 230 25 | 370 3 | 315 ⁻¹ / | 52 / | 500 40 | 313 M24×60 | Φ350 178 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

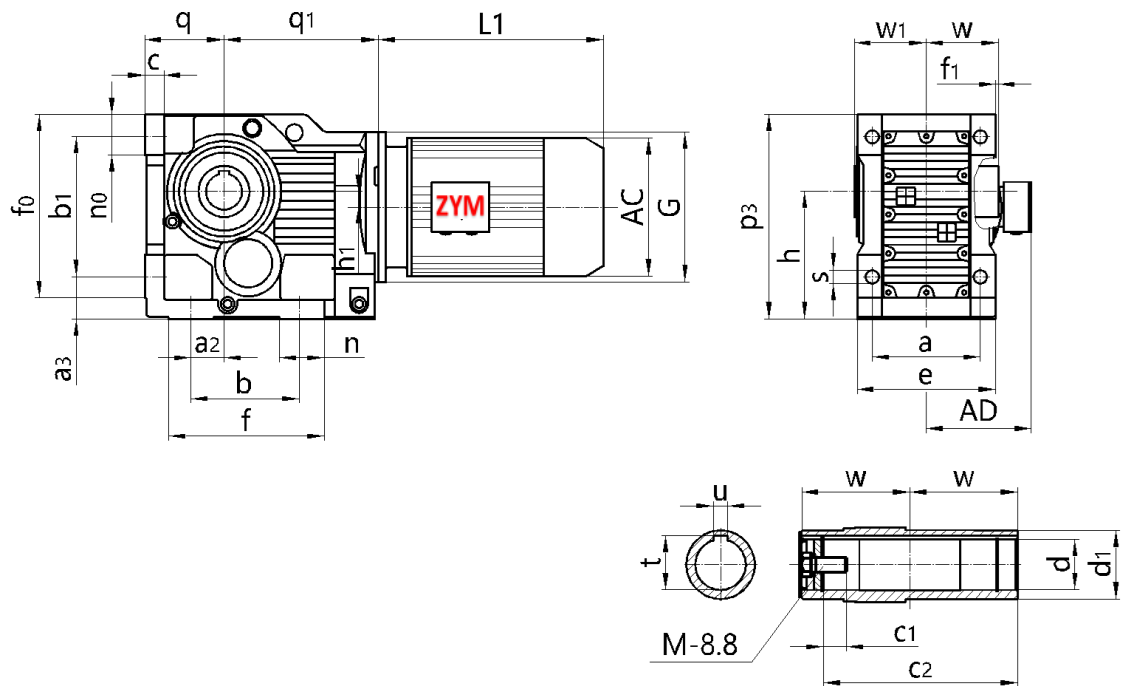
Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸
ZYKA129-159

Mounting Dimensional Description
ZYKA129-159



| 机 型 号 Type Size | s b | p ₃ a ₂ | h n | a f ₀ | e a ₃ | f ₁ b ₁ | w n ₀ | d h ₁ | d ₁ c | t q | u q ₁ | f c ₁ | c ₂ M | G w ₁ | 电机尺寸 Motor Size | | |
|--------------------|------------|----------------------------------|--------------------------|---------------------|---------------------|----------------------------------|---------------------|---------------------|---------------------|------------------------------|---------------------|---------------------|---------------------|---------------------|--|----|----|
| | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYKA129 | Φ39 350 | 592 115 | 375 ₋₁ 100 | 330 526 | 400 110 | 2.5 420 | 205 111 | Φ100H7 53 | Φ135 45 | 106.4 225 _{-0.5} | 28 390 | 440 38 | 373 M24×60 | Φ450 208 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYKA159 | Φ39 380 | 705 140 | 450 ₋₁ 100 | 420 634 | 500 130 | 3 500 | 250 125 | Φ120H7 71.7 | Φ155 54 | 127.4 280 ₋₁ | 32 426 | 480 36 | 460 M24×60 | Φ550 253 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

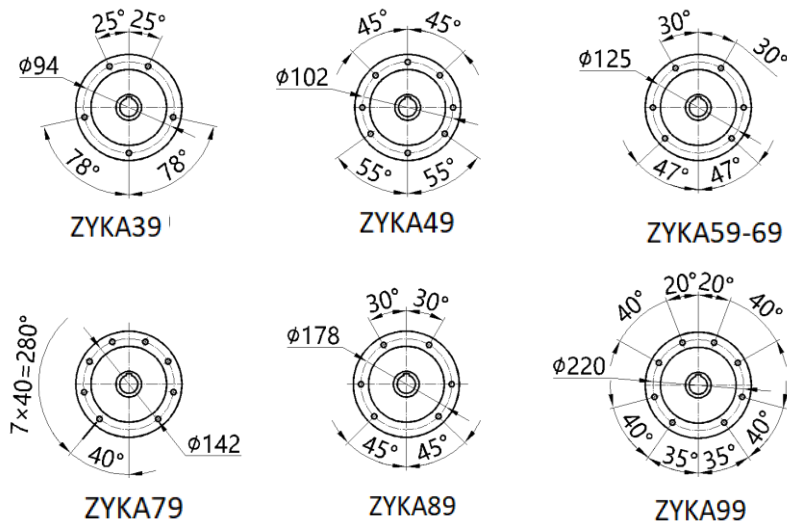
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

A 向法兰安装结构尺寸

Fig.A Mounting Dimension

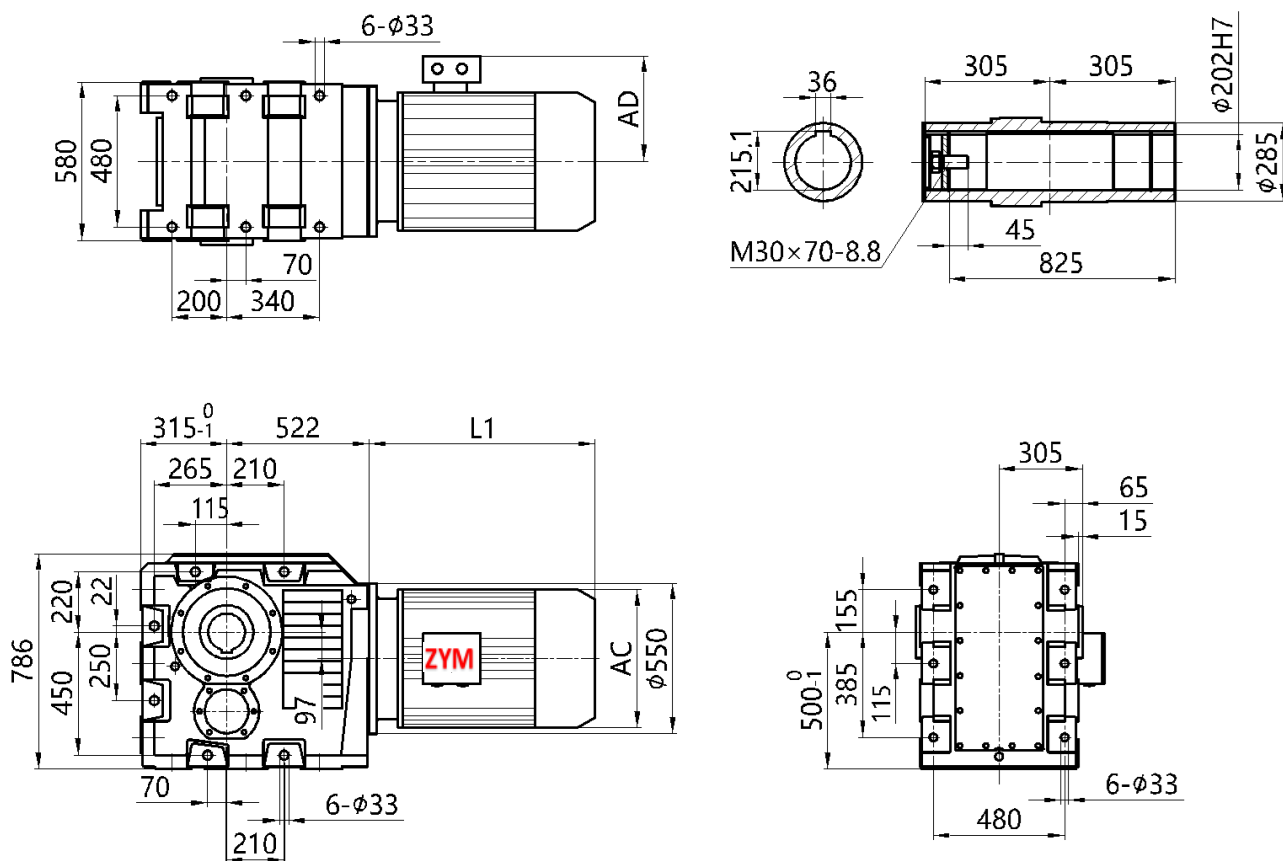


安装结构尺寸

ZYKA169

Mounting Dimensional Description

ZYKA169



注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

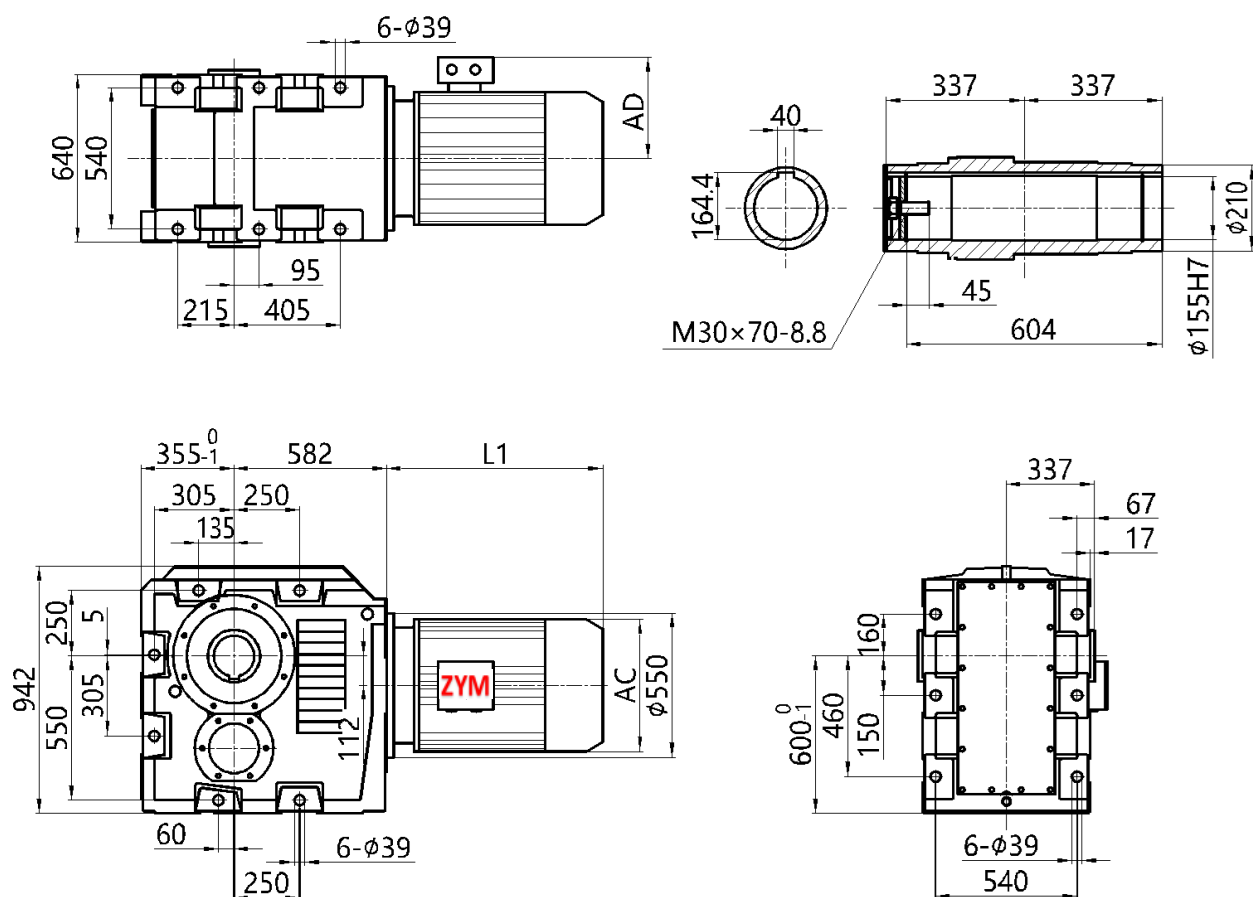
Note: When equipping the user's motor or the special one, the flange is required to be connected. (Please see appendix D)

注：直联电机尺寸见附录 A-2 和 A-3

Note: See Appendix A-2 and A-3 for dimensions of direct-connected motors

安装结构尺 寸 ZYKA189

Mounting Dimensional Description ZYKA189



注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

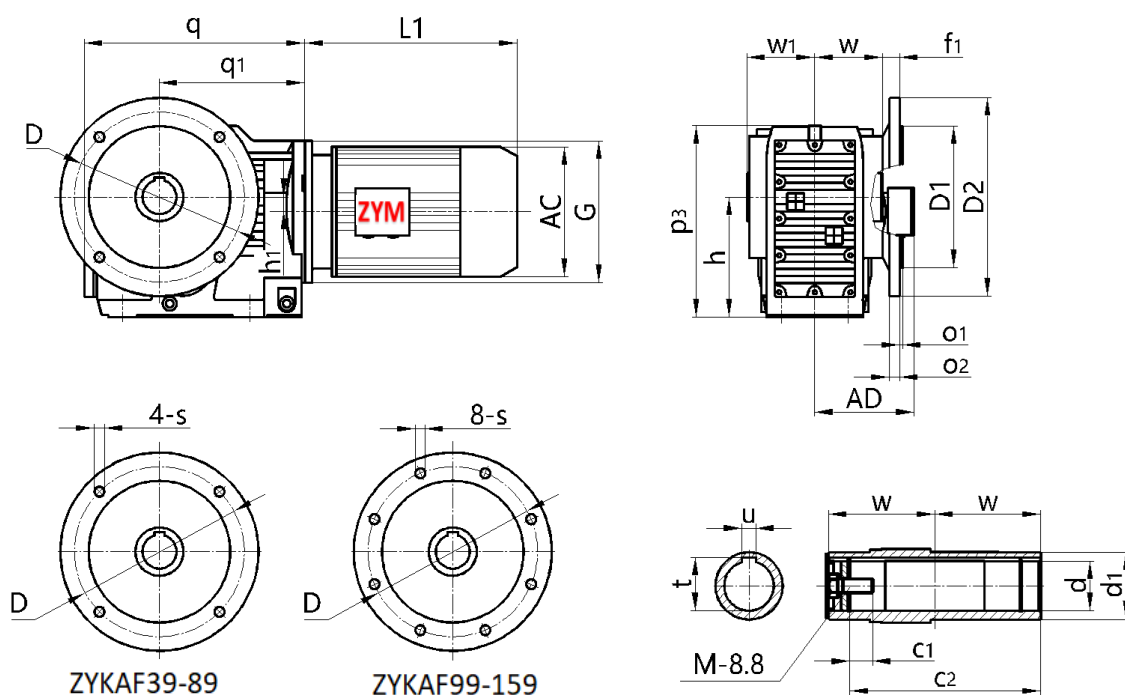
注：直联电机尺寸见附录 A-2 和 A-3

Note:See Appendix A-2 and A-3 for dimensions of direct-connected motors

ZYK 系列斜齿轮-锥齿轮减速电机

安装结构尺寸 ZYKAF39-159

Mounting Dimensional Description ZYKAF39-159



| 机 型 号 Type Size | s o ₁ | q o ₂ | q ₁ w | h ₁ f ₁ | D d | D1 d ₁ | D2 u | h t | p ₃ c ₁ | c ₂ M | G w ₁ | 电机尺寸 Motor Size | | |
|--------------------|---------------------|---------------------|---------------------|----------------------------------|----------------|----------------------|------------|-----------------|----------------------------------|---------------------|---------------------|---|----|----|
| | | | | | | | | | | | | AC | AD | L1 |
| ZYKAF39 | Φ9 3.5 | 210 10 | 139 60 | 8.5 24 | Φ130 Φ30H7 | Φ110j6 Φ45 | Φ160 8 | 100-0.5 33.3 | 164 17 | 105 M10×25 | Φ120 63 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYKAF49 | Φ11 3.5 | 243 12 | 166 75 | 7.2 25 | Φ165 Φ35H7 | Φ130j6 Φ50 | Φ200 10 | 112-0.5 38.3 | 185 22 | 132 M12×30 | Φ160 78 | | | |
| ZYKAF59 | Φ13.5 4 | 270 15 | 173 83 | 13.1 23.5 | Φ215 Φ40H7 | Φ180j6 Φ55 | Φ250 12 | 132-0.5 43.3 | 215 29 | 142 M16×40 | Φ160 86 | | | |
| ZYKAF69 | Φ13.5 4 | 275 15 | 179 90 | 20 23 | Φ215 Φ40H7 | Φ180j6 Φ55 | Φ250 12 | 140-0.5 43.3 | 226 29 | 156 M16×40 | Φ160 94 | | | |
| ZYKAF79 | Φ13.5 4 | 313 16 | 202 105 | 31.3 37 | Φ265 Φ50H7 | Φ230j6 Φ70 | Φ300 14 | 180-0.5 53.8 | 288 32 | 183 M16×45 | Φ200 108 | | | |
| ZYKAF89 | Φ17.5 5 | 391 18 | 257 120 | 25.9 30 | Φ300 Φ60H7 | Φ250h6 Φ85 | Φ350 18 | 212-0.5 64.4 | 338 36 | 210 M20×50 | Φ250 123 | | | |
| ZYKAF99 | Φ17.5 5 | 435 22 | 277 150 | 32.3 41.5 | Φ400 Φ70H7 | Φ350h6 Φ95 | Φ450 20 | 265-1 74.9 | 417 34 | 270 M20×50 | Φ300 153 | | | |
| ZYKAF109 | Φ17.5 5 | 537 22 | 341 175 | 52 41 | Φ400 Φ90H7 | Φ350h6 Φ118 | Φ450 25 | 315-1 95.4 | 500 40 | 313 M24×60 | Φ350 178 | | | |
| ZYKAF129 | Φ17.5 5 | 615 25 | 390 205 | 53 51 | Φ500 Φ100H7 | Φ450h6 Φ135 | Φ550 28 | 375-1 106.4 | 592 38 | 373 M24×60 | Φ450 208 | | | |
| ZYKAF159 | Φ22 6 | 706 28 | 426 250 | 71.7 60 | Φ600 Φ120H7 | Φ550h6 Φ155 | Φ660 32 | 450-1 127.4 | 705 36 | 460 M24×60 | Φ550 253 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

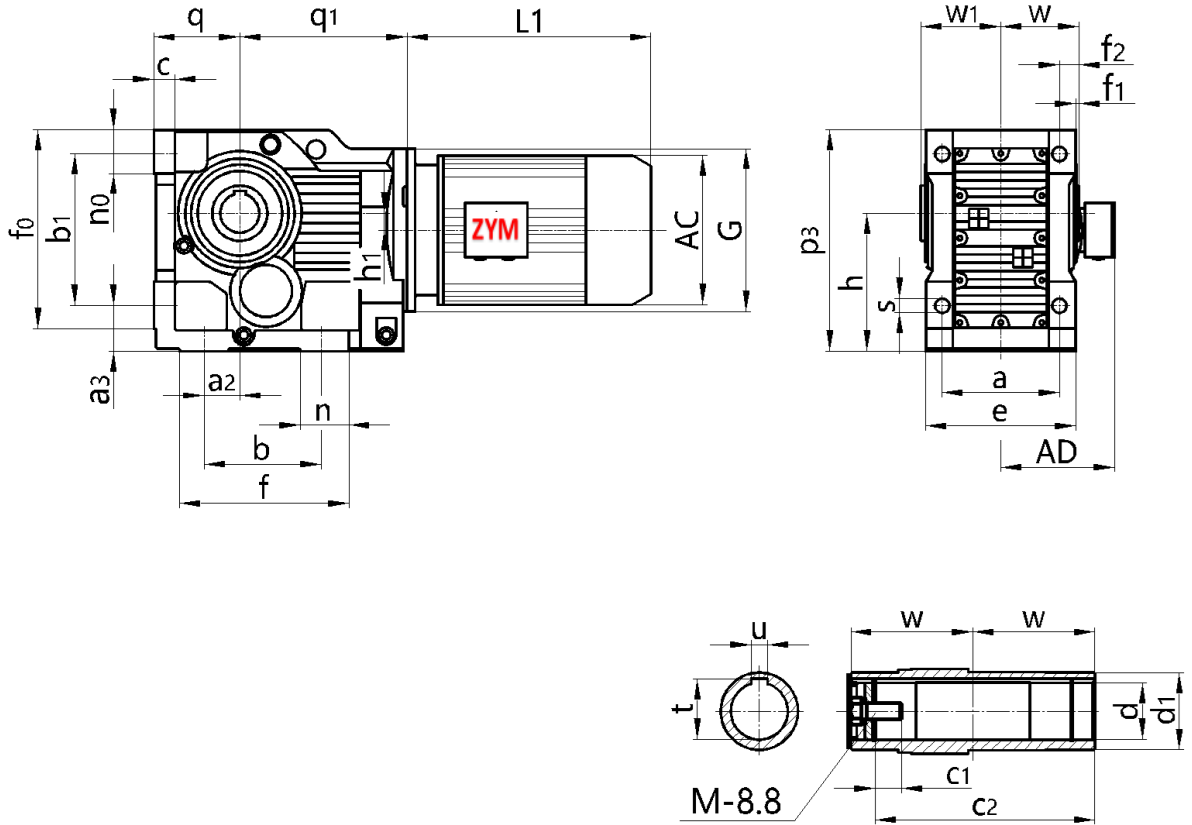
Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸
ZYKAB49-109

Mounting Dimensional Description
ZYKAB49-109



| 机型号 Type Size | s b | p ₃ a ₂ | h n | a f ₀ | e a ₃ | f ₁ b ₁ | w n ₀ | d h ₁ | d ₁ c | t q | u q ₁ | f ₂ f ₂ | c ₁ c ₂ | w ₁ M | G | 电机尺寸 Motor Size | | |
|------------------|--------------|----------------------------------|---------------------------|---------------------|---------------------|----------------------------------|---------------------|---------------------|---------------------|-----------------------------|---------------------|----------------------------------|----------------------------------|---------------------|------|---|----|----|
| | | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYKAB49 | Φ11 130 | 185 35 | 112 _{-0.5} 32 | 120 170 | 145 37 | 3 130 | 75 37 | Φ35H7 7.2 | Φ50 18 | 38.3 71 _{-0.5} | 10 166 | 162 15 | 22 132 | 78 M12×30 | Φ160 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYKAB59 | Φ13.5 130 | 217 30 | 132 _{-0.5} 43 | 130 190 | 157 45 | 3 150 | 83 43 | Φ40H7 13.1 | Φ55 21 | 43.3 80 _{-0.5} | 12 173 | 172 18 | 29 142 | 86 M16×40 | Φ160 | | | |
| ZYKAB69 | Φ13.5 120 | 228 30 | 140 _{-0.5} 45 | 140 203 | 170 45 | 3.5 160 | 90 43 | Φ40H7 20 | Φ55 24 | 43.3 90 _{-0.5} | 12 179 | 170 20 | 29 156 | 94 M16×40 | Φ160 | | | |
| ZYKAB79 | Φ17.5 150 | 288 40 | 180 _{-0.5} 55 | 165 263 | 200 55 | 4 200 | 105 55 | Φ50H7 31.3 | Φ70 27 | 53.8 112 _{-0.5} | 14 202 | 212.5 22.5 | 32 183 | 108 M16×45 | Φ200 | | | |
| ZYKAB89 | Φ22 180 | 340 55 | 212 _{-0.5} 75 | 180 305 | 230 70 | 4 233 | 120 67 | Φ60H7 25.9 | Φ85 32 | 64.4 132 _{-0.5} | 18 257 | 260 30 | 36 210 | 123 M20×50 | Φ250 | | | |
| ZYKAB99 | Φ26 240 | 417 75 | 265 ₋₁ 60 | 240 372 | 290 75 | 4 295 | 150 82 | Φ70H7 32.3 | Φ95 36 | 74.9 160 _{-0.5} | 20 277 | 294 30 | 34 270 | 153 M20×50 | Φ300 | | | |
| ZYKAB109 | Φ33 280 | 503 95 | 315 ₋₁ 100 | 270 448 | 340 95 | 3 360 | 175 90 | Φ90H7 52 | Φ118 40 | 95.4 200 _{-0.5} | 25 341 | 380 40 | 40 313 | 178 M24×60 | Φ350 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

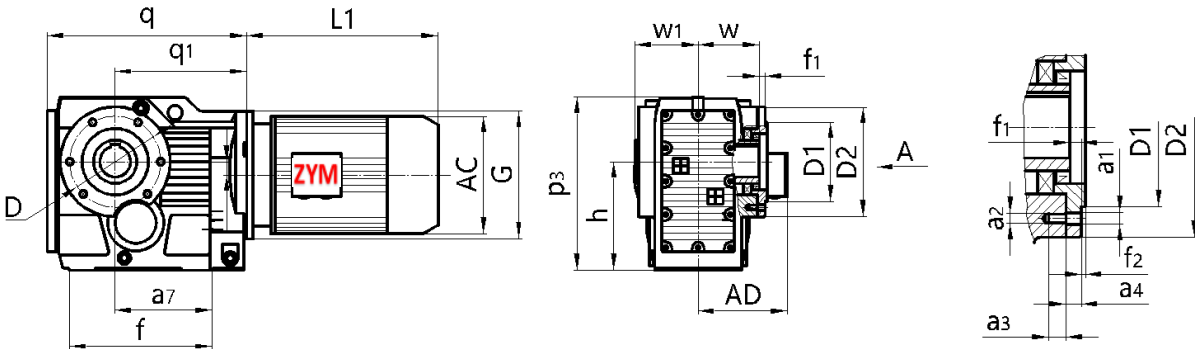
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

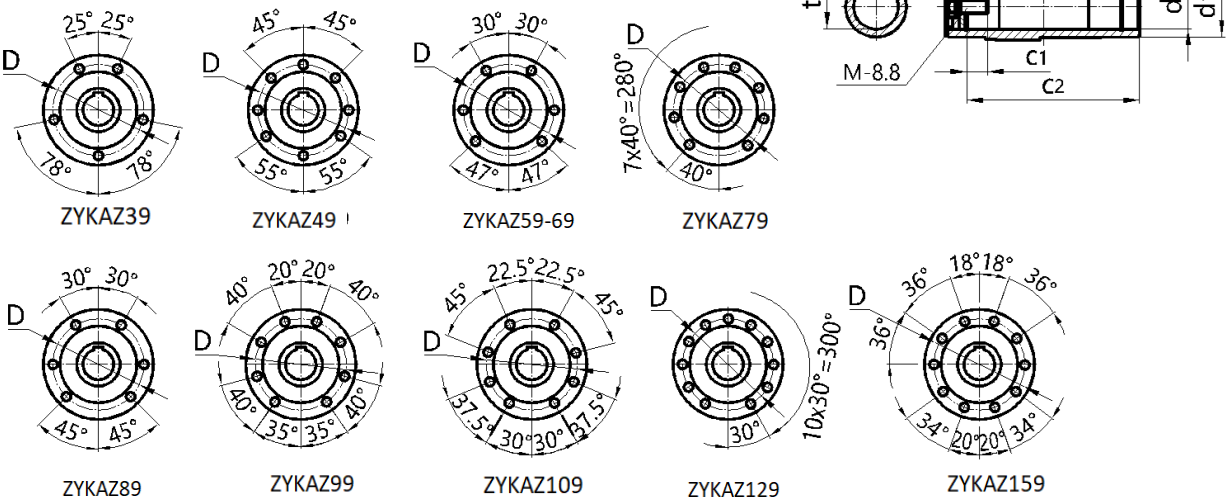
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸
ZYKAZ39-159

Mounting Dimensional Description
ZYKAZ39-159



A向法兰安装结构尺寸 (Fig.A Mounting Dimension)



| 机 型 号 Type Size | q q ₁ | D1 D2 | h h ₁ | p ₃ a ₇ | f f ₁ | w w ₁ | d d ₁ | c ₂ c ₁ | t u | a ₃ a ₄ | f ₂ a ₂ | a ₁ D | G M | 电机尺寸 Motor Size | | |
|--------------------|---------------------|----------------|-----------------------------|----------------------------------|---------------------|---------------------|---------------------|----------------------------------|-------------|----------------------------------|----------------------------------|---------------------|----------------|---|----|----|
| | | | | | | | | | | | | | | AC | AD | L1 |
| ZYKAZ39 | 210 139 | Φ80j6 Φ110 | 100 ^{-0.5} 8.5 | 164 97 | 147 9 | 60 63 | Φ30H7 Φ45 | 105 17 | 33.3 8 | 12 11.5 | 3 M8 | Φ9 Φ94 | Φ120 M10×25 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYKAZ49 | 243 166 | Φ80j6 Φ120 | 112 ^{-0.5} 7.2 | 185 115 | 170 8 | 75 78 | Φ35H7 Φ50 | 132 22 | 38.3 10 | 12 11 | 3 M8 | Φ9 Φ102 | Φ160 M12×30 | | | |
| ZYKAZ59 | 270 173 | Φ105j6 Φ155 | 132 ^{-0.5} 13.1 | 215 120 | 182 9 | 83 86 | Φ40H7 Φ55 | 142 29 | 43.3 12 | 20 12 | 3.5 M12 | Φ13.5 Φ125 | Φ160 M16×40 | | | |
| ZYKAZ69 | 275 179 | Φ105j6 Φ155 | 140 ^{-0.5} 20 | 226 125 | 182 8.5 | 90 94 | Φ40H7 Φ55 | 156 29 | 43.3 12 | 21 12 | 3.5 M12 | Φ13.5 Φ125 | Φ160 M16×40 | | | |
| ZYKAZ79 | 313 202 | Φ125j6 Φ170 | 180 ^{-0.5} 31.3 | 288 139 | 204 10 | 105 108 | Φ50H7 Φ70 | 183 32 | 53.8 14 | 23 14 | 3.5 M12 | Φ13.5 Φ142 | Φ200 M16×45 | | | |
| ZYKAZ89 | 391 257 | Φ155j6 Φ215 | 212 ^{-0.5} 25.9 | 338 190 | 280 11 | 120 123 | Φ60H7 Φ85 | 210 36 | 64.4 18 | 30 15 | 4 M16 | Φ17.5 Φ178 | Φ250 M20×50 | | | |
| ZYKAZ99 | 435 277 | Φ180j6 Φ260 | 265 ⁻¹ 32.3 | 417 190 | 298 14 | 150 153 | Φ70H7 Φ95 | 270 34 | 74.9 20 | 28 18 | 4 M16 | Φ17.5 Φ220 | Φ300 M20×50 | | | |
| ZYKAZ109 | 537 341 | Φ210j6 Φ304 | 315 ⁻¹ 52 | 500 230 | 370 -8 | 175 178 | Φ90H7 Φ118 | 313 40 | 95.4 25 | 32 22 | 4 M20 | Φ22 Φ260 | Φ350 M24×60 | | | |
| ZYKAZ129 | 615 390 | Φ250h6 Φ350 | 375 ⁻¹ 53 | 592 275 | 440 0 | 205 208 | Φ100H7 Φ135 | 373 38 | 106.4 28 | 36 30 | 5 M20 | Φ22 Φ300 | Φ450 M24×60 | | | |
| ZYKAZ159 | 706 426 | Φ290h6 Φ400 | 450 ⁻¹ 71.7 | 705 290 | 480 -14 | 250 253 | Φ120H7 Φ155 | 460 36 | 127.4 32 | 42 28 | 5 M24 | Φ26 Φ340 | Φ550 M24×60 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

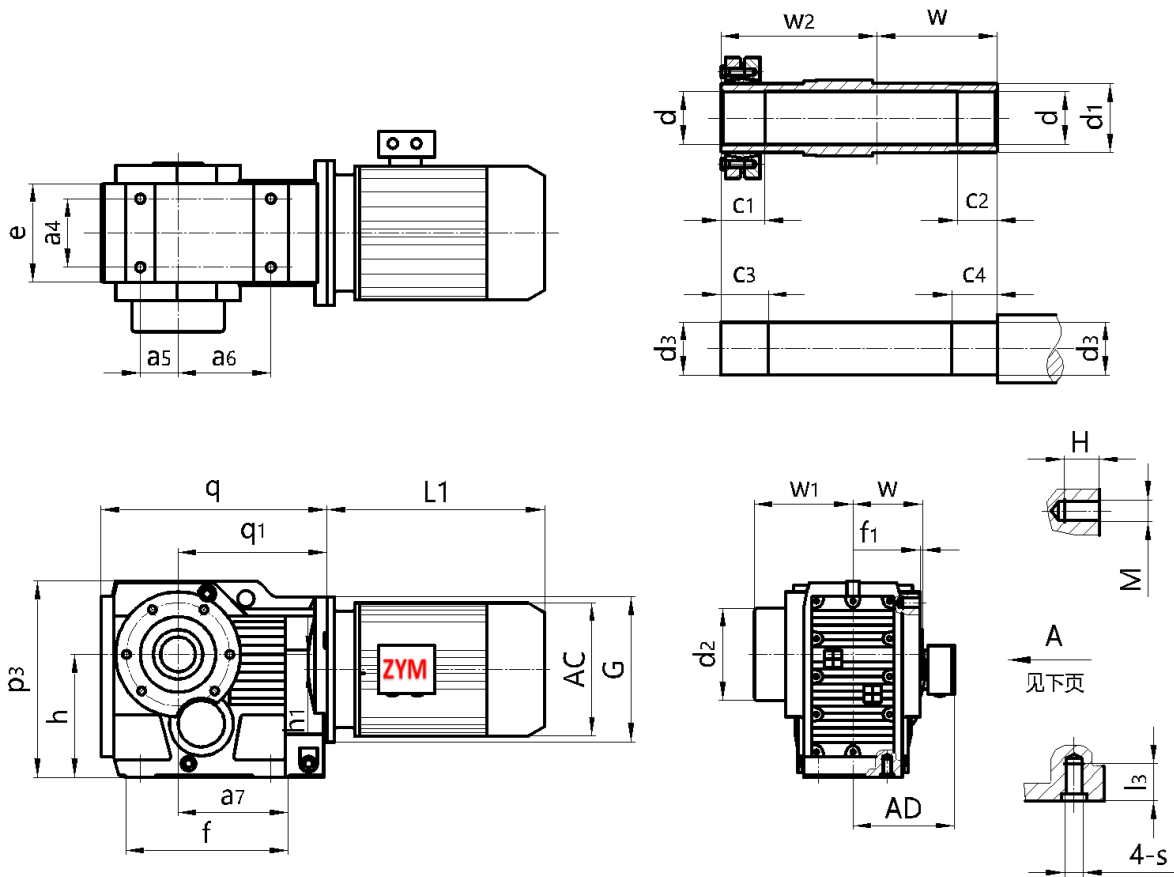
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸
ZYKH39-109

Mounting Dimensional Description
ZYKH39-109



| 机 型 号 Type Size | q q ₁ | h h ₁ | e p ₃ | a ₄ a ₅ | a ₆ a ₇ | f f ₁ | d ₂ d ₁ | d d ₃ | w w ₁ | w ₂ G | c ₁ c ₂ | c ₃ c ₄ | s l ₃ | M H | 电机尺寸 Motor Size | | |
|--------------------|---------------------|-----------------------------|---------------------|----------------------------------|----------------------------------|---------------------|----------------------------------|---------------------|---------------------|---------------------|----------------------------------|----------------------------------|---------------------|-----------|---|----|----|
| | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYKH39 | 210 139 | 100 ^{-0.5} 8.5 | 100 164 | 60 35 | 82 97 | 147 2.5 | Φ80 Φ45 | Φ30H7 Φ30h6 | 60 95 | 86 Φ120 | 31 20 | 36 25 | M10 20 | M8 12 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYKH49 | 243 166 | 112 ^{-0.5} 7.2 | 110 185 | 70 40 | 100 115 | 170 3 | Φ88 Φ50 | Φ35H7 Φ35h6 | 75 110 | 102 Φ160 | 32 20 | 37 25 | M10 20 | M8 12 | | | |
| ZYKH59 | 269 173 | 132 ^{-0.5} 13.1 | 122 215 | 88 47 | 105 120 | 182 3 | Φ102 Φ55 | Φ40H7 Φ40h6 | 83 120 | 112 Φ160 | 26 20 | 31 25 | M12 25 | M12 20 | | | |
| ZYKH69 | 274 179 | 140 ^{-0.5} 20 | 130 226 | 88 42 | 110 125 | 182 3.5 | Φ102 Φ55 | Φ40H7 Φ40h6 | 90 126 | 118 Φ160 | 38 20 | 43 25 | M12 25 | M12 20 | | | |
| ZYKH79 | 312 202 | 180 ^{-0.5} 31.3 | 154 288 | 102 48 | 122 139 | 204 4 | Φ127 Φ70 | Φ50H7 Φ50h6 | 105 146 | 136 Φ200 | 36 30 | 41 35 | M16 32 | M12 20 | | | |
| ZYKH89 | 390 257 | 212 ^{-0.5} 25.9 | 170 338 | 118 65 | 160 190 | 280 4 | Φ159 Φ85 | Φ65H7 Φ65h6 | 120 170 | 161 Φ250 | 41 40 | 46 45 | M16 32 | M16 26 | | | |
| ZYKH99 | 435 277 | 265 ⁻¹ 32.3 | 226 417 | 160 83 | 165 190 | 298 4 | Φ174 Φ95 | Φ75H7 Φ75h6 | 150 206 | 195 Φ300 | 55 50 | 60 55 | M20 36 | M16 26 | | | |
| ZYKH109 | 537 341 | 315 ⁻¹ 52 | 266 500 | 190 100 | 190 230 | 370 2.5 | Φ234 Φ118 | Φ95H7 Φ95h6 | 175 245 | 230 Φ350 | 65 60 | 75 70 | M24 44 | / / | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

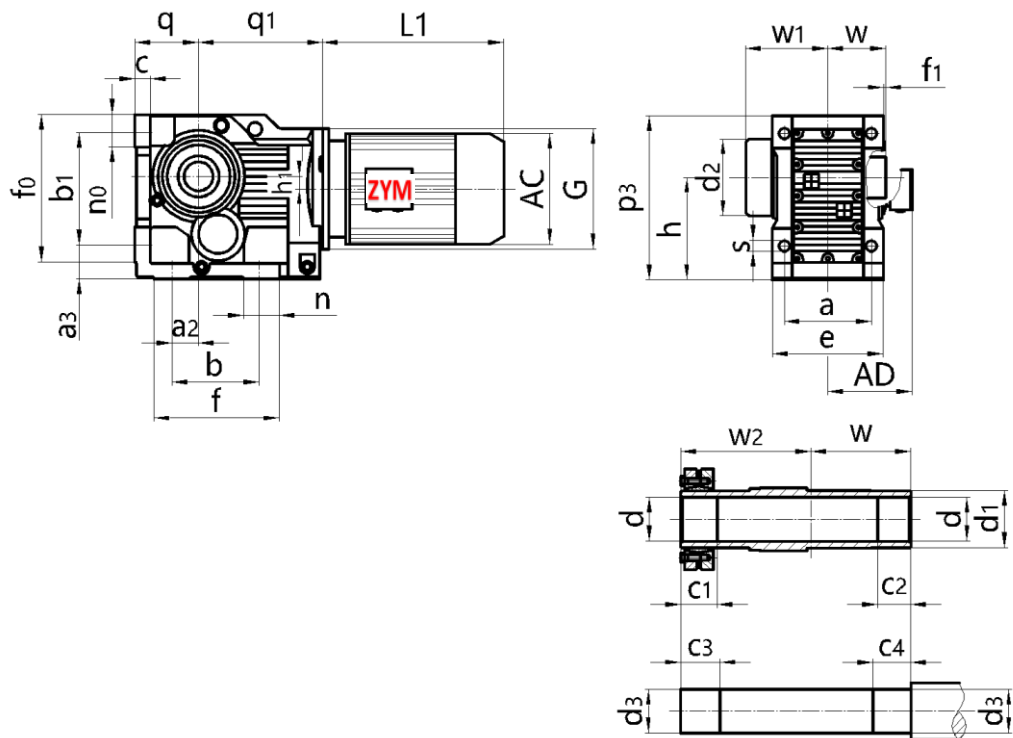
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYKH129-159

Mounting Dimensional Description

ZYKH129-159



| 机 型 号 Type Size | q ₁ | c | n ₀ | f ₀ | f | a ₂ | h | a | w | w ₂ | c ₁ | c ₃ | d ₂ | d | h ₁ | 电机尺寸 Motor Size | | |
|--------------------|----------------------------|-----------|----------------|----------------|------------|----------------|--------------------------|------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|--|----|----|
| | q | s | b ₁ | a ₃ | n | b | p ₃ | e | w ₁ | f ₁ | c ₂ | c ₄ | d ₁ | d ₃ | G | AC | AD | L1 |
| ZYKH129 | 390 225 ^{-0.5} | 45 Φ39 | 111 420 | 526 110 | 440 100 | 115 350 | 375 ₋₁ 592 | 330 400 | 205 296 | 280 2.5 | 85 70 | 95 80 | Φ250 Φ135 | Φ105H7 Φ105h6 | 53 Φ450 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYKH159 | 426 280 ₋₁ | 54 Φ39 | 125 500 | 634 130 | 480 100 | 140 380 | 450 ₋₁ 705 | 420 500 | 250 350 | 330 3 | 90 80 | 100 90 | Φ287 Φ155 | Φ125H7 Φ125h6 | 71.7 Φ550 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

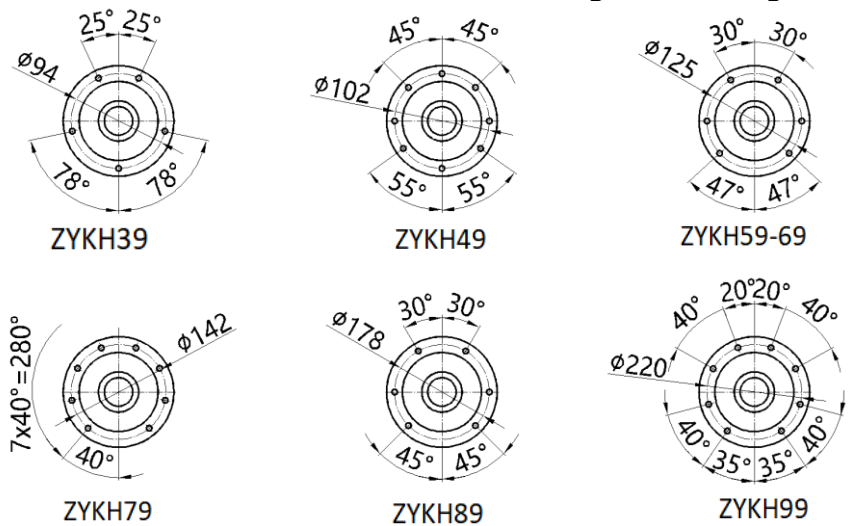
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

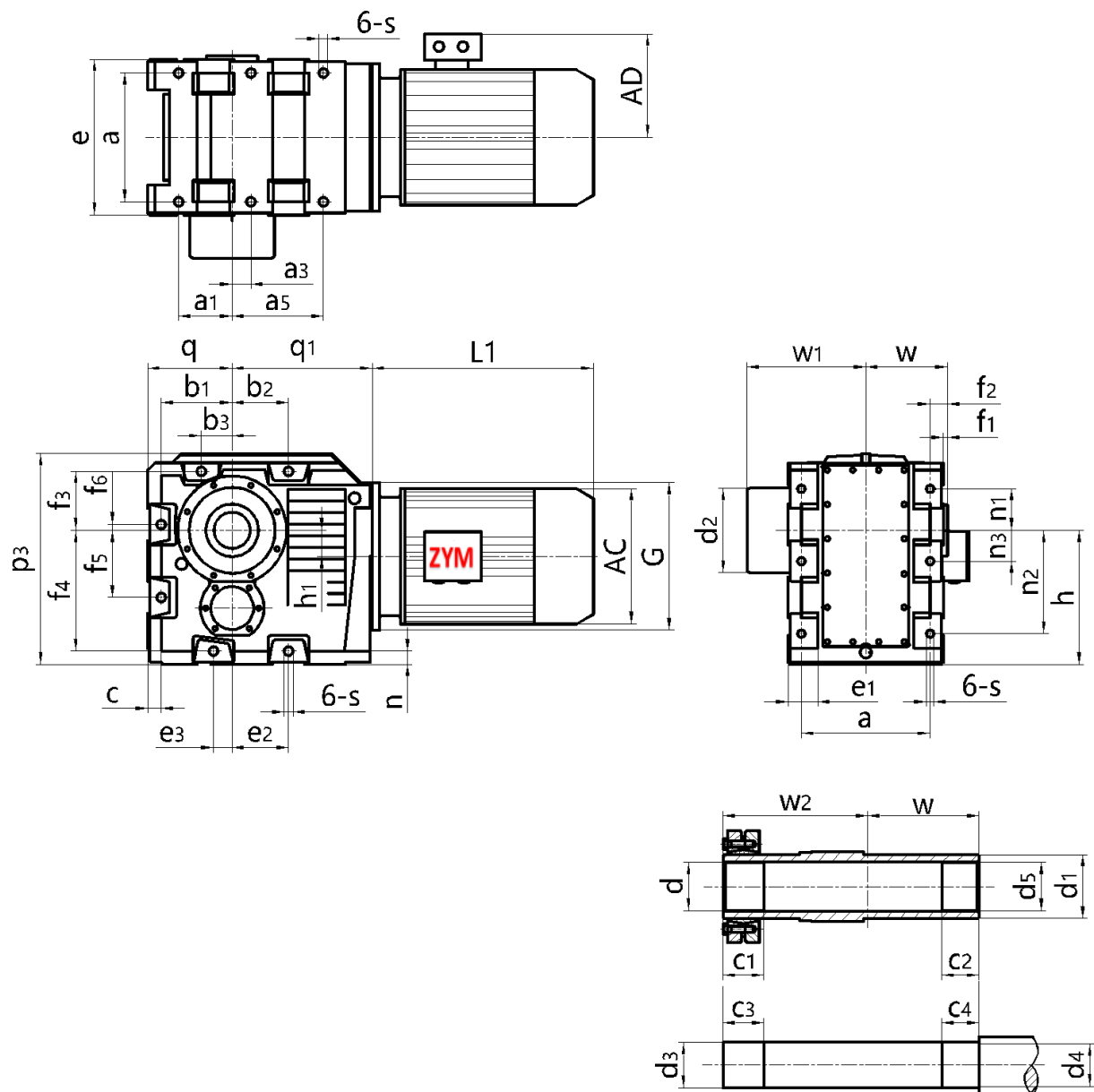
A 向法兰安装结构尺寸

Fig.A Mounting Dimension



安装结构尺寸
ZYKH169-189

Mounting Dimensional Description
ZYKH169-189



| 机 型 号 Type size | a ₁ | p ₃ | b ₁ | f ₃ | f ₆ | e ₂ | a | h | n ₃ | c ₁ | c ₄ | w ₂ | d | d ₄ | 电机尺寸 Motor size | | |
|--------------------|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------------|----|----|
| | a ₂ | q | b ₂ | f ₄ | h ₁ | e ₃ | f ₂ | n ₁ | e | c ₂ | w | s | d ₅ | d ₁ | AC | AD | L1 |
| | a ₃ | q ₁ | b ₃ | f ₅ | n | c | f ₁ | n ₂ | e ₁ | c ₃ | w ₁ | d ₂ | d ₃ | G | | | |
| ZYKH169 | 200 | 786 | 265 | 220 | 22 | 210 | 480 | 500-1 | 115 | 122 | 100 | 423 | Φ135H7 | Φ140h6 | 见附录 A-2 和 A-3 | | |
| | 340 | 315 ₋₁ | 210 | 450 | 97 | 70 | 65 | 155 | 580 | 90 | 305 | Φ33 | Φ140H7 | Φ180 | | | |
| | 70 | 522 | 115 | 250 | 50 | 50 | 15 | 385 | 104 | 130 | 442 | Φ317 | Φ135h6 | Φ550 | | | |
| ZYKH189 | 215 | 942 | 305 | 250 | 5 | 250 | 540 | 600-1 | 150 | 117 | 105 | 455 | Φ155H7 | Φ160h6 | Please see appendix A-2 and A-3 | | |
| | 405 | 355 ₋₁ | 250 | 550 | 112 | 60 | 67 | 160 | 640 | 95 | 337 | Φ39 | Φ160H7 | Φ210 | | | |
| | 95 | 582 | 135 | 305 | 50 | 50 | 17 | 460 | 110 | 130 | 474 | Φ367 | Φ155h6 | Φ550 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

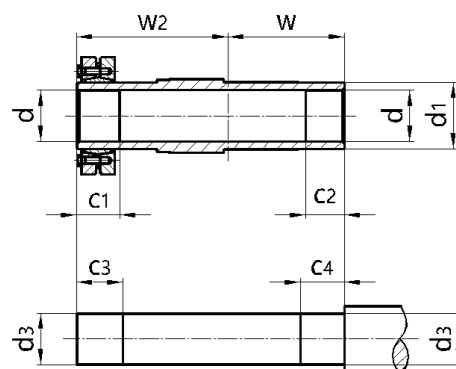
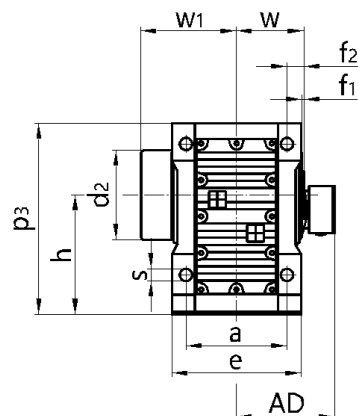
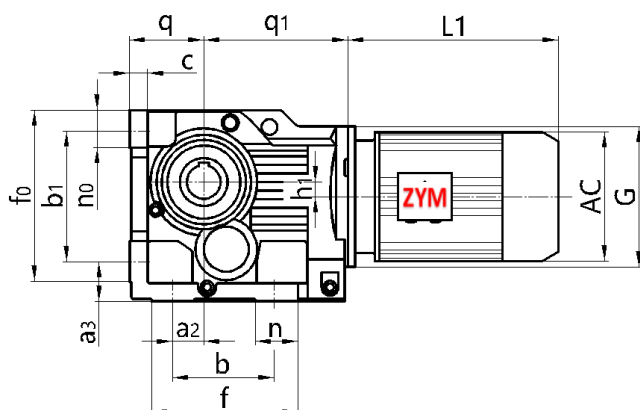
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸 ZYKHB49-109

Mounting Dimensional Description ZYKHB49-109



| 机 型 号 Type Size | q q ₁ | s b | p ₃ a ₂ | h n | a b ₁ | e a ₃ | f ₀ f ₁ | w n ₀ | d d ₃ | c h ₁ | d ₁ d ₂ | f f ₂ | c ₁ c ₂ | c ₃ c ₄ | w ₁ w ₂ | G | 电机尺寸 Motor Size | | |
|--------------------|---------------------|--------------|----------------------------------|---------------|---------------------|---------------------|----------------------------------|---------------------|---------------------|---------------------|----------------------------------|---------------------|----------------------------------|----------------------------------|----------------------------------|------|---|----|----|
| | | | | | | | | | | | | | | | | | AC | AD | L1 |
| | | | | | | | | | | | | | | | | | | | |
| ZYKHB49 | 71-0.5 166 | Φ11 130 | 185 35 | 112-0.5 32 | 120 130 | 145 37 | 170 3 | 75 37 | Φ35H7 Φ35h6 | 18 7.2 | Φ50 Φ88 | 162 15 | 32 20 | 37 25 | 110 102 | Φ160 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYKHB59 | 80-0.5 173 | Φ13.5 130 | 217 30 | 132-0.5 40 | 130 150 | 157 45 | 190 3 | 83 43 | Φ40H7 Φ40h6 | 21 13.1 | Φ55 Φ102 | 172 18 | 26 20 | 31 25 | 120 112 | Φ160 | | | |
| ZYKHB69 | 90-0.5 179 | Φ13.5 120 | 228 30 | 140-0.5 45 | 140 160 | 170 45 | 203 3.5 | 90 43 | Φ40H7 Φ40h6 | 24 20 | Φ55 Φ102 | 170 20 | 38 20 | 43 25 | 126 118 | Φ160 | | | |
| ZYKHB79 | 112-0.5 202 | Φ17.5 150 | 288 40 | 180-0.5 55 | 165 200 | 200 45 | 263 4 | 105 55 | Φ50H7 Φ50h6 | 27 31.3 | Φ70 Φ127 | 212.5 22.5 | 36 30 | 41 35 | 146 136 | Φ200 | | | |
| ZYKHB89 | 132-0.5 257 | Φ22 180 | 340 55 | 212-0.5 75 | 180 233 | 230 70 | 305 4 | 120 67 | Φ65H7 Φ65h6 | 32 25.9 | Φ85 Φ159 | 260 30 | 41 40 | 46 45 | 170 161 | Φ250 | | | |
| ZYKHB99 | 160-0.5 277 | Φ26 240 | 417 75 | 265-1 60 | 240 295 | 290 75 | 372 4 | 150 82 | Φ75H7 Φ75h6 | 36 32.3 | Φ95 Φ174 | 294 30 | 55 50 | 60 55 | 206 195 | Φ300 | | | |
| ZYKHB109 | 200-0.5 341 | Φ33 280 | 503 95 | 315-1 100 | 270 360 | 340 95 | 448 3 | 175 90 | Φ95H7 Φ95h6 | 40 52 | Φ118 Φ234 | 380 40 | 65 60 | 75 70 | 245 230 | Φ350 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

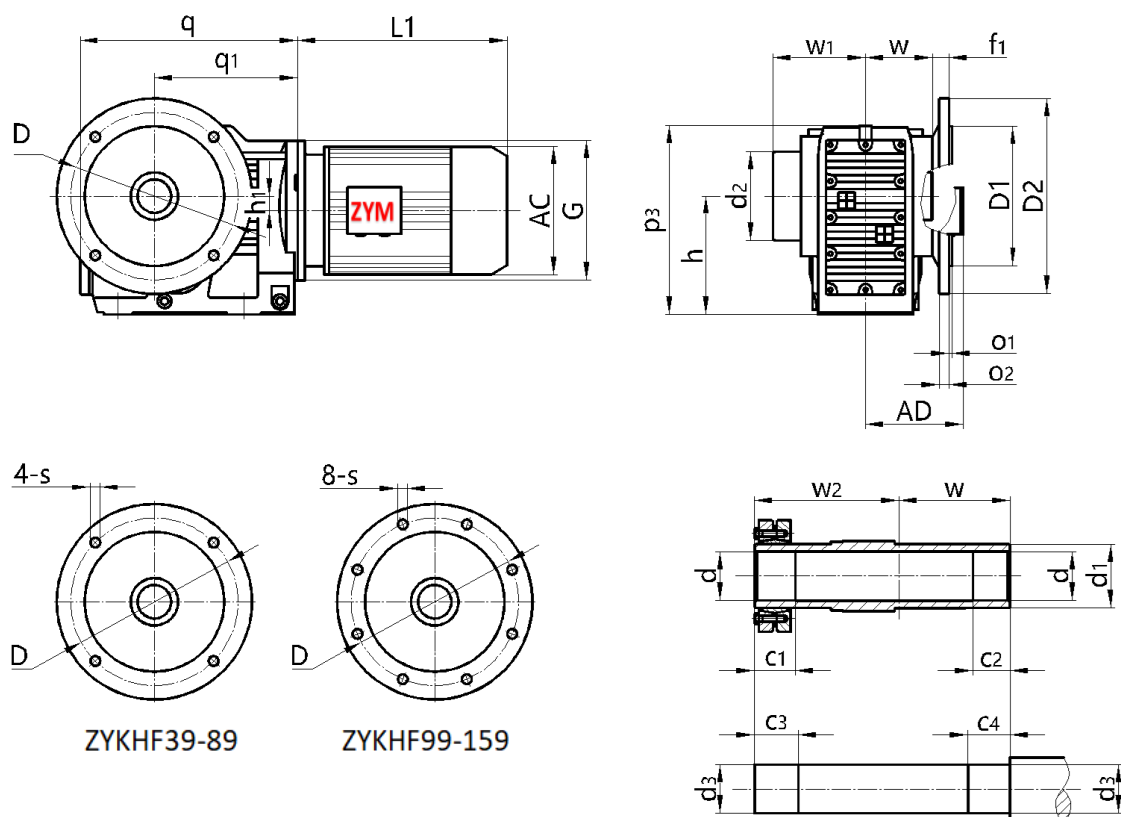
Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸 ZYKHF39-159

Mounting Dimensional Description ZYKHF39-159



| 机 型 号 Type Size | q q ₁ | h h ₁ | o ₁ o ₂ | s f ₁ | w ₁ w | w ₂ c ₁ | c ₂ c ₃ | c ₄ D | D1 D2 | d ₁ d ₃ | d d ₂ | p ₃ G | 电机尺寸 Motor Size | | |
|--------------------|---------------------|---------------------|----------------------------------|---------------------|---------------------|----------------------------------|----------------------------------|---------------------|----------|----------------------------------|---------------------|---------------------|---|----|----|
| | | | | | | | | | | | | | AC | AD | L1 |
| ZYKHF39 | 210 | 100 ^{-0.5} | 3.5 | Φ9 | 95 | 86 | 20 | 25 | Φ110j6 | Φ45 | Φ30H7 | 164 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| | 139 | 8.5 | 10 | 24 | 60 | 31 | 36 | Φ130 | Φ160 | Φ30h6 | Φ80 | Φ120 | | | |
| ZYKHF49 | 243 | 112 ^{-0.5} | 3.5 | Φ11 | 110 | 102 | 20 | 25 | Φ130j6 | Φ50 | Φ35H7 | 185 | | | |
| | 166 | 7.2 | 12 | 25 | 75 | 32 | 37 | Φ165 | Φ200 | Φ35h6 | Φ88 | Φ160 | | | |
| ZYKHF59 | 270 | 132 ^{-0.5} | 4 | Φ13.5 | 120 | 112 | 20 | 25 | Φ180j6 | Φ55 | Φ40H7 | 215 | | | |
| | 173 | 13.1 | 15 | 23.5 | 83 | 26 | 31 | Φ215 | Φ250 | Φ40h6 | Φ102 | Φ160 | | | |
| ZYKHF69 | 275 | 140 ^{-0.5} | 4 | Φ13.5 | 126 | 118 | 20 | 25 | Φ180j6 | Φ55 | Φ40H7 | 226 | | | |
| | 179 | 20 | 15 | 23 | 90 | 38 | 43 | Φ215 | Φ250 | Φ40h6 | Φ102 | Φ160 | | | |
| ZYKHF79 | 313 | 180 ^{-0.5} | 4 | Φ13.5 | 146 | 136 | 30 | 35 | Φ230j6 | Φ70 | Φ50H7 | 288 | | | |
| | 202 | 31.3 | 16 | 37 | 105 | 36 | 41 | Φ265 | Φ300 | Φ50h6 | Φ127 | Φ200 | | | |
| ZYKHF89 | 391 | 212 ^{-0.5} | 5 | Φ17.5 | 170 | 161 | 40 | 45 | Φ250h6 | Φ85 | Φ65H7 | 338 | | | |
| | 257 | 25.9 | 18 | 30 | 120 | 41 | 46 | Φ300 | Φ350 | Φ65h6 | Φ159 | Φ250 | | | |
| ZYKHF99 | 435 | 265 ^{-1.0} | 5 | Φ17.5 | 206 | 195 | 50 | 55 | Φ350h6 | Φ95 | Φ75H7 | 417 | | | |
| | 277 | 32.3 | 22 | 41.5 | 150 | 55 | 60 | Φ400 | Φ450 | Φ75h6 | Φ174 | Φ300 | | | |
| ZYKHF109 | 537 | 315 ⁻¹ | 5 | Φ17.5 | 245 | 230 | 60 | 70 | Φ350h6 | Φ118 | Φ95H7 | 500 | | | |
| | 341 | 52 | 22 | 41 | 175 | 65 | 75 | Φ400 | Φ450 | Φ95h6 | Φ234 | Φ350 | | | |
| ZYKHF129 | 615 | 375 ⁻¹ | 5 | Φ17.5 | 296 | 280 | 70 | 80 | Φ450h6 | Φ135 | Φ105H7 | 592 | | | |
| | 390 | 53 | 25 | 51 | 205 | 85 | 95 | Φ500 | Φ550 | Φ105h6 | Φ250 | Φ450 | | | |
| ZYKHF159 | 706 | 450 ⁻¹ | 6 | Φ22 | 350 | 330 | 80 | 90 | Φ550h6 | Φ155 | Φ125H7 | 705 | | | |
| | 426 | 71.7 | 28 | 60 | 250 | 90 | 100 | Φ600 | Φ660 | Φ125h6 | Φ287 | Φ550 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

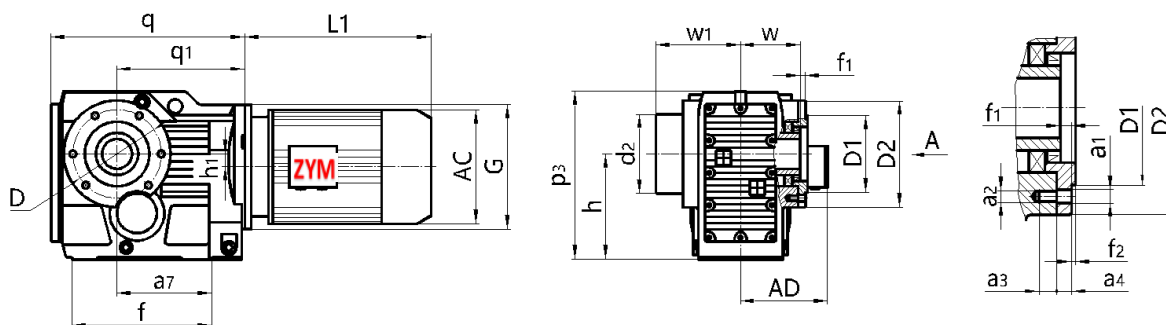
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

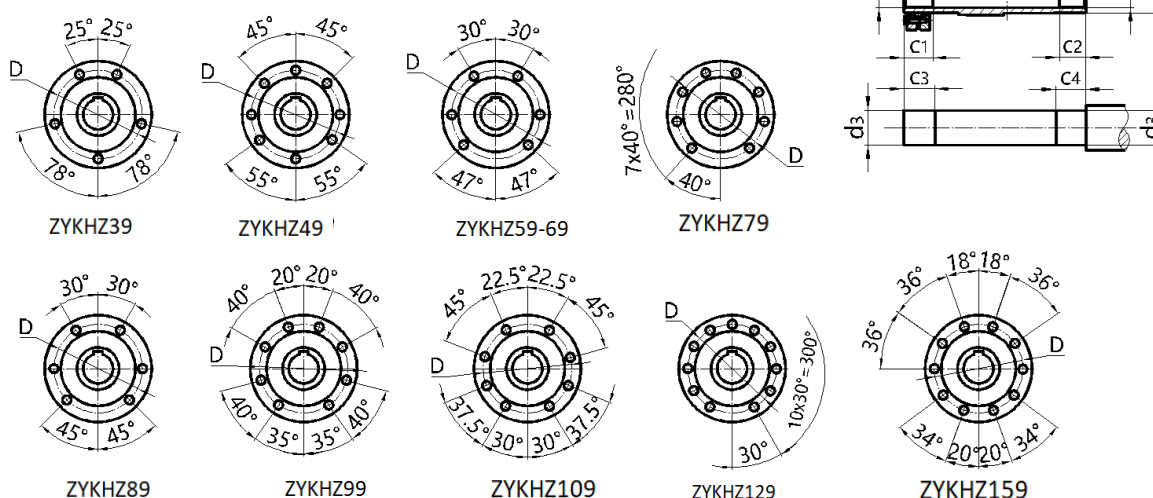
ZYKHZ39-159

Mounting Dimensional Description

ZYKHZ39-159



A向法兰安装结构尺寸 (Fig.A Mounting Dimension)



| 机 型 号 Type Size | q q ₁ | D1 D2 | h h ₁ | p ₃ a ₇ | f f ₁ | w w ₁ | G w ₂ | d ₂ d ₁ | d d ₃ | c ₁ c ₂ | c ₃ c ₄ | a ₃ a ₄ | f ₂ a ₂ | a ₁ D | 电机尺寸 Motor Size | | |
|--------------------|---------------------|----------|---------------------|----------------------------------|---------------------|---------------------|---------------------|----------------------------------|---------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------|---|----|----|
| | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYKHZ39 | 210 | Φ80j6 | 100 ^{-0.5} | 164 | 147 | 60 | Φ120 | Φ80 | Φ30H7 | 31 | 36 | 12 | 3 | Φ9 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| | 139 | Φ110 | 8.5 | 97 | 9 | 95 | 86 | Φ45 | Φ30h6 | 20 | 25 | 11.5 | M8 | Φ94 | | | |
| ZYKHZ49 | 243 | Φ80j6 | 112 ^{-0.5} | 185 | 170 | 75 | Φ160 | Φ88 | Φ35H7 | 32 | 37 | 12 | 3 | Φ9 | | | |
| | 166 | Φ120 | 7.2 | 115 | 8 | 110 | 102 | Φ50 | Φ35h6 | 20 | 25 | 11 | M8 | Φ102 | | | |
| ZYKHZ59 | 270 | Φ105j6 | 132 ^{-0.5} | 215 | 182 | 83 | Φ160 | Φ102 | Φ40H7 | 26 | 31 | 20 | 3.5 | Φ13.5 | | | |
| | 173 | Φ155 | 13.1 | 120 | 9 | 120 | 112 | Φ55 | Φ40h6 | 20 | 25 | 12 | M12 | Φ125 | | | |
| ZYKHZ69 | 275 | Φ105j6 | 140 ^{-0.5} | 226 | 182 | 90 | Φ160 | Φ102 | Φ40H7 | 38 | 43 | 20 | 3.5 | Φ13.5 | | | |
| | 179 | Φ155 | 20 | 125 | 8.5 | 126 | 118 | Φ55 | Φ40h6 | 20 | 25 | 12 | M12 | Φ125 | | | |
| ZYKHZ79 | 313 | Φ125j6 | 180 ^{-0.5} | 286 | 204 | 105 | Φ200 | Φ127 | Φ50H7 | 36 | 41 | 23 | 3.5 | Φ13.5 | | | |
| | 202 | Φ170 | 31.3 | 139 | 10 | 146 | 136 | Φ70 | Φ50h6 | 30 | 35 | 14 | M12 | Φ142 | | | |
| ZYKHZ89 | 391 | Φ155j6 | 212 ^{-0.5} | 338 | 280 | 120 | Φ250 | Φ159 | Φ65H7 | 41 | 46 | 30 | 4 | Φ17.5 | | | |
| | 257 | Φ215 | 25.9 | 190 | 11 | 170 | 161 | Φ85 | Φ65h6 | 40 | 45 | 15 | M16 | Φ178 | | | |
| ZYKHZ99 | 435 | Φ180j6 | 265 ⁻¹ | 417 | 298 | 150 | Φ300 | Φ174 | Φ75H7 | 55 | 60 | 28 | 4 | Φ17.5 | | | |
| | 277 | Φ260 | 32.3 | 190 | 14 | 206 | 195 | Φ95 | Φ75h6 | 50 | 55 | 18 | M16 | Φ220 | | | |
| ZYKHZ109 | 537 | Φ210j6 | 315 ⁻¹ | 500 | 370 | 175 | Φ350 | Φ234 | Φ95H7 | 65 | 75 | 32 | 4 | Φ22 | | | |
| | 341 | Φ304 | 52 | 230 | -8 | 245 | 230 | Φ118 | Φ95h6 | 60 | 70 | 22 | M20 | Φ260 | | | |
| ZYKHZ129 | 615 | Φ250h6 | 375 ⁻¹ | 592 | 440 | 205 | Φ450 | Φ250 | Φ105H7 | 85 | 95 | 36 | 5 | Φ22 | | | |
| | 390 | Φ350 | 53 | 275 | 0 | 296 | 280 | Φ135 | Φ105h6 | 70 | 80 | 30 | M20 | Φ300 | | | |
| ZYKHZ159 | 706 | Φ290h6 | 450 ⁻¹ | 705 | 480 | 250 | Φ550 | Φ287 | Φ125H7 | 90 | 100 | 42 | 5 | Φ26 | | | |
| | 426 | Φ400 | 71.7 | 290 | -14 | 350 | 330 | Φ155 | Φ125h6 | 80 | 90 | 28 | M24 | Φ340 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

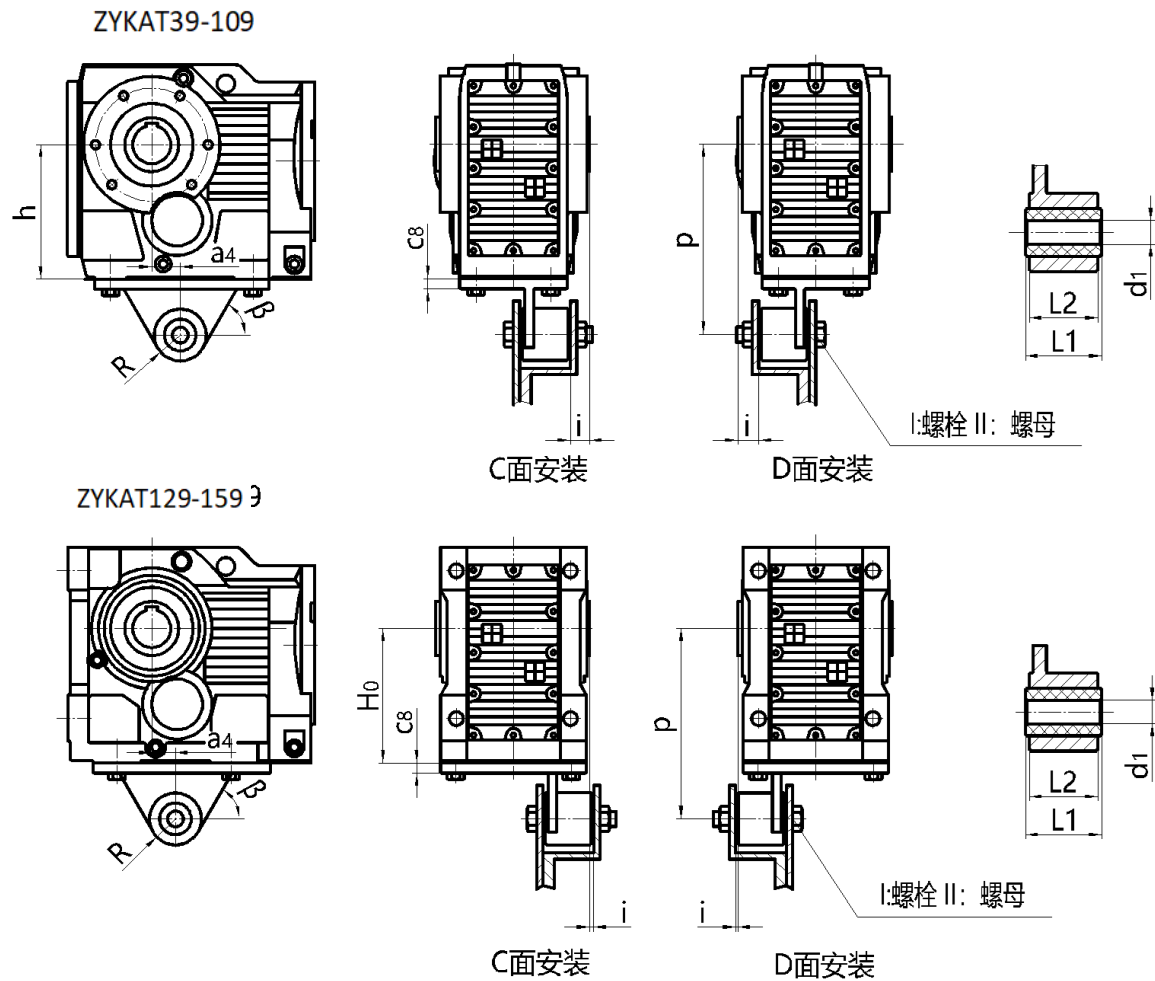
Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸
ZYKAT39-159

Mounting Dimensional Description
ZYKAT39-159



| 机型号 Type Size | a ₄ | β | c ₈ | i | P | R | h | d ₁ | L ₁ ⁰ _{-0.3} | L ₂ |
|------------------|----------------|-----|----------------|----|-------------------------------------|------|---------------------|--|---|----------------|
| ZYKAT39 | 23.5 | 60° | 10 | 20 | 140 ^{+0.2} _{-0.7} | 22.5 | 100 _{-0.5} | 10.4 ^{+0.1} _{-0.1} | 36 | 31 |
| ZYKAT49 | 30 | 55° | 12 | 20 | 160 ^{+0.2} _{-0.7} | 22.5 | 112 _{-0.5} | 10.4 ^{+0.1} _{-0.1} | 36 | 31 |
| ZYKAT59 | 40 | 55° | 13 | 18 | 192 ^{+0.2} _{-0.7} | 29 | 132 _{-0.5} | 16.4 ^{+0.08} _{-0.08} | 60 | 54 |
| ZYKAT69 | 45 | 55° | 13 | 25 | 200 ^{+0.2} _{-0.7} | 29 | 140 _{-0.5} | 16.4 ^{+0.08} _{-0.08} | 60 | 54 |
| ZYKAT79 | 52.5 | 64° | 14 | 25 | 250 ^{+0.2} _{-0.7} | 29 | 180 _{-0.5} | 16.4 ^{+0.08} _{-0.08} | 60 | 54 |
| ZYKAT89 | 60 | 60° | 16 | 30 | 300 ^{+0.2} _{-0.7} | 41 | 212 _{-0.5} | 25 ^{+0.08} _{-0.08} | 80 | 72 |
| ZYKAT99 | 70 | 50° | 17 | 40 | 350 ^{+0.2} _{-1.2} | 41 | 265 ₋₁ | 25 ^{+0.08} _{-0.08} | 100 | 92 |
| ZYKAT109 | 74 | 55° | 20 | 45 | 450 ^{+0.5} _{-1.5} | 41 | 315 ₋₁ | 25 ^{+0.08} _{-0.08} | 100 | 92 |
| ZYKAT129 | 60 | 65° | 45 | 7 | 550 ^{+0.5} _{-1.5} | 70 | 375 ₋₁ | 40 ^{+0.08} _{-0.08} | 126 | 110 |
| ZYKAT159 | 50 | 70° | 45 | 2 | 700 ^{+0.5} _{-1.5} | 70 | 450 ₋₁ | 40 ^{+0.08} _{-0.08} | 126 | 110 |

其它尺寸请按照 ZBKA 型。

注：I：螺栓 II：螺母，均用户自配。

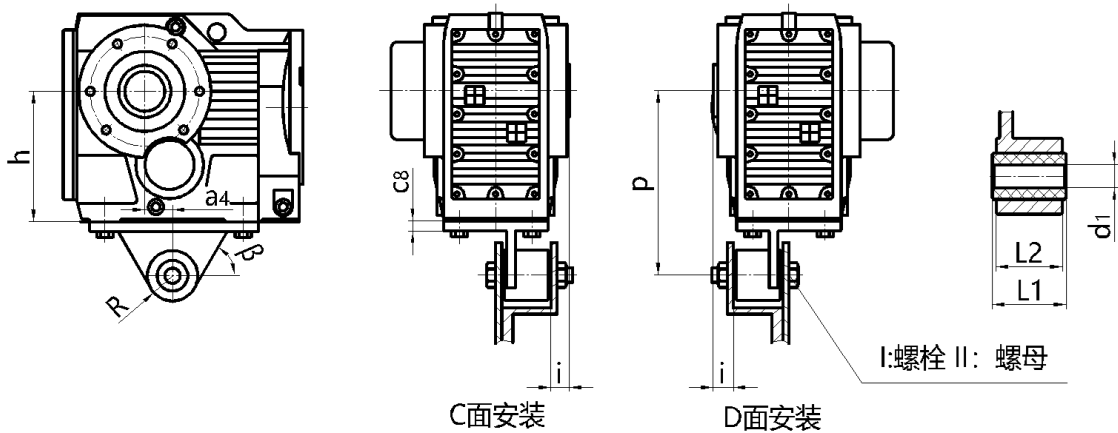
For other dimensions, see the type ZBKA.

Note: bolts I and nuts II are prepared by customers.

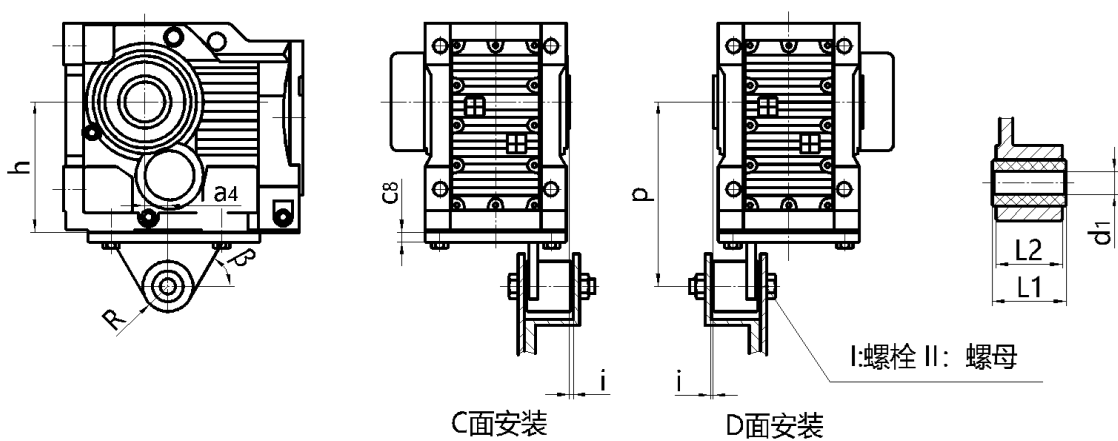
安装结构尺寸
ZYKHT39-159

Mounting Dimensional Description
ZYKHT39-159

ZYKHT39-109



ZYKHT129-159



| 机型号 Type Size | a_4 | β | C_8 | i | P | R | h | d_1 | $L1_{-0.3}^0$ | $L2$ |
|------------------|-------|---------|-------|-----|---------------------|------|--------------|------------------------|---------------|------|
| ZYKHT39 | 23.5 | 60° | 10 | 20 | $140_{-0.7}^{+0.2}$ | 22.5 | $100_{-0.5}$ | $10.4_{-0.1}^{+0.1}$ | 36 | 31 |
| ZYKHT49 | 30 | 55° | 12 | 20 | $160_{-0.7}^{+0.2}$ | 22.5 | $112_{-0.5}$ | $10.4_{-0.1}^{+0.1}$ | 36 | 31 |
| ZYKHT59 | 40 | 55° | 13 | 18 | $192_{-0.7}^{+0.2}$ | 29 | $132_{-0.5}$ | $16.4_{-0.08}^{+0.08}$ | 60 | 54 |
| ZYKHT69 | 45 | 55° | 13 | 25 | $200_{-0.7}^{+0.2}$ | 29 | $140_{-0.5}$ | $16.4_{-0.08}^{+0.08}$ | 60 | 54 |
| ZYKHT79 | 52.5 | 64° | 14 | 25 | $250_{-0.7}^{+0.2}$ | 29 | $180_{-0.5}$ | $16.4_{-0.08}^{+0.08}$ | 60 | 54 |
| ZYKHT89 | 60 | 60° | 16 | 30 | $300_{-0.7}^{+0.2}$ | 41 | $212_{-0.5}$ | $25_{-0.08}^{+0.08}$ | 80 | 72 |
| ZYKHT99 | 70 | 50° | 17 | 40 | $350_{-1.2}^{+0.2}$ | 41 | 265_{-1} | $25_{-0.08}^{+0.08}$ | 100 | 92 |
| ZYKHT109 | 74 | 55° | 20 | 45 | $450_{-1.5}^{+0.5}$ | 41 | 315_{-1} | $25_{-0.08}^{+0.08}$ | 100 | 92 |
| ZYKHT129 | 60 | 65° | 45 | 7 | $550_{-1.5}^{+0.5}$ | 70 | 375_{-1} | $40_{-0.08}^{+0.08}$ | 126 | 110 |
| ZYKHT159 | 50 | 70° | 45 | 2 | $700_{-1.5}^{+0.5}$ | 70 | 450_{-1} | $40_{-0.08}^{+0.08}$ | 126 | 110 |

其它尺寸请按照 ZBKH 型。

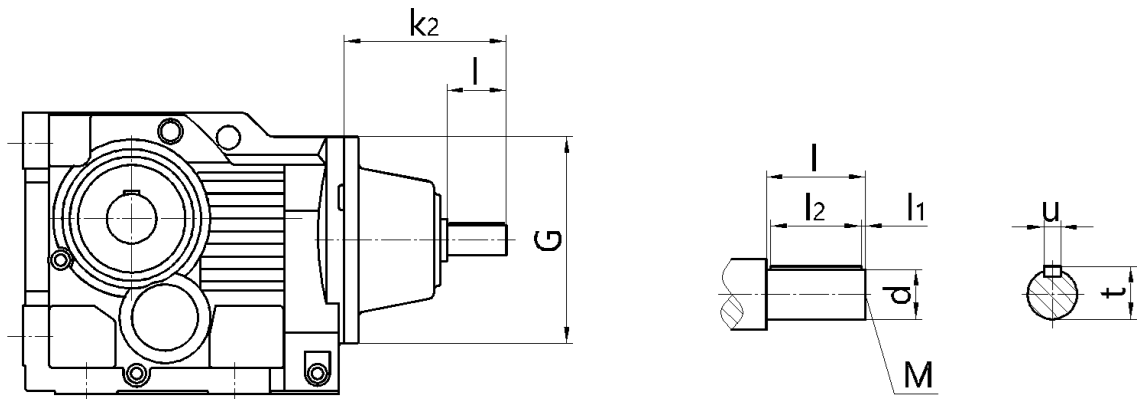
注：I：螺栓 II：螺母，均用户自配。

For other dimensions, see the type ZBKH.

Note: bolts I and nuts II are prepared by customers.

安装结构尺寸
ZYK..39-189AD1-8

Mounting Dimensional Description
ZYK..39-189AD1-8



| 机 型 号 Type Size | 规 格 Specification | 适用功率范围(kW)/4P Range Power | d | G | k ₂ | l | M | l ₁ | l ₂ | t | u |
|--------------------|----------------------|------------------------------|------|------|----------------|-----|-----|----------------|----------------|------|----|
| ZYK..39 | AD1 | 0.12-0.18 | 16k6 | Φ120 | 130 | 40 | M5 | 4 | 32 | 18 | 5 |
| | AD2 | 0.25-3 | 19k6 | Φ120 | 130 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| ZYK..49 | AD2 | 0.12-1.5 | 19k6 | Φ160 | 149 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-3 | 24k6 | Φ160 | 159 | 50 | M8 | 5 | 40 | 27 | 8 |
| ZYK..59/69 | AD2 | 0.12-1.5 | 19k6 | Φ160 | 149 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-5.5 | 24k6 | Φ160 | 159 | 50 | M8 | 5 | 40 | 27 | 8 |
| ZYK..79 | AD2 | 0.12-1.5 | 19k6 | Φ200 | 184 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-4 | 24k6 | Φ200 | 194 | 50 | M8 | 5 | 40 | 27 | 8 |
| | AD4 | 5.5-11 | 38k6 | Φ200 | 224 | 80 | M12 | 5 | 70 | 41 | 10 |
| ZYK..89 | AD2 | 0.55-1.5 | 19k6 | Φ250 | 136 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-4 | 28k6 | Φ250 | 156 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ250 | 262 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ250 | 292 | 110 | M16 | 10 | 70 | 45 | 12 |
| ZYK..99 | AD3 | 1.1-4 | 28k6 | Φ300 | 194 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ300 | 214 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ300 | 327 | 110 | M16 | 10 | 70 | 45 | 12 |
| | AD6 | 30 | 48k6 | Φ300 | 327 | 110 | M16 | 10 | 80 | 51.5 | 14 |
| ZYK..109 | AD3 | 3-4 | 28k6 | Φ350 | 188 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ350 | 208 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ350 | 321 | 110 | M16 | 10 | 70 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ350 | 321 | 110 | M16 | 10 | 80 | 51.5 | 14 |
| ZYK..129 | AD4 | 7.5 | 38k6 | Φ450 | 270 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ450 | 300 | 110 | M16 | 10 | 90 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ450 | 300 | 110 | M16 | 10 | 90 | 51.5 | 14 |
| | AD7 | 55 | 55m6 | Φ450 | 300 | 110 | M20 | 10 | 90 | 59 | 16 |
| | AD8 | 75-90 | 70m6 | Φ450 | 383 | 140 | M20 | 15 | 110 | 74.5 | 20 |
| ZYK..159/169/189 | AD5 | 11-22 | 42k6 | Φ550 | 344 | 110 | M16 | 10 | 90 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ550 | 344 | 110 | M16 | 10 | 90 | 51.5 | 14 |
| | AD7 | 55-90 | 55m6 | Φ550 | 344 | 110 | M20 | 10 | 90 | 59 | 16 |
| | AD8 | 110-200 | 70m6 | Φ550 | 374 | 140 | M20 | 15 | 110 | 74.5 | 20 |

其它尺寸请参照 ZYK 型。

注： 1. ZYKF/ZYKA/ZYKAB/ZYKAF/ZYKAZ/ZYKH/ZYKHF/ZYKHZ 均可采用双轴型，并分别记为 ZYKF..AD..、ZYKA..AD..、ZYKAB..AD..、ZYKAF..AD..、ZYKAZ..AD..、ZYKH..AD..、ZYKHF..AD..和 ZYKHZ..AD..。

2.通过联轴器联接，可直接参考上表功率范围；若电机和减速机之间是通过其他极数电机、齿轮、链轮、皮带轮等传动方式联接，需客户自行转换。

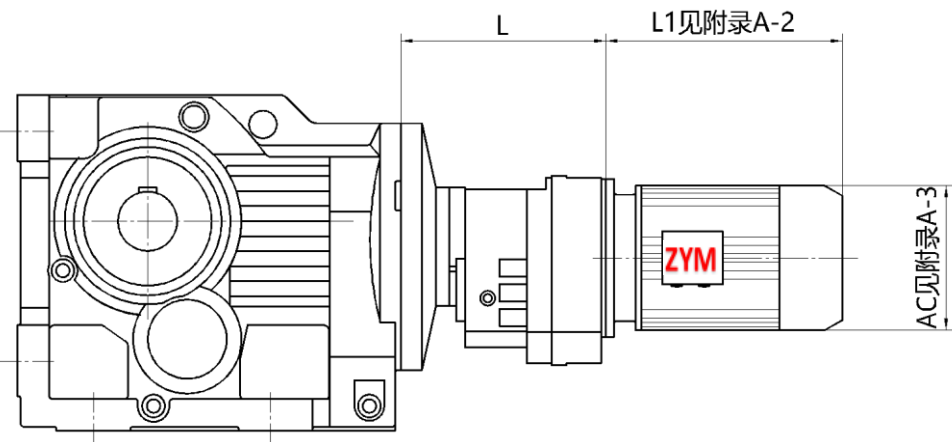
For other dimensions, see the type ZYK.

Note: 1. double shafts type is also available for type ZBKF/ZBKA/ZBKAB/ZBKAF/ZBKAZ/ZBKH/ZBKHF/ZBKHZ, and these double shafts types are respectively named type ZYKF..AD.., ZYKA..AD.., ZYKAB..AD.., ZYKAF..AD.., ZYKAZ..AD.., ZYKH..AD.., ZYKHF..AD.. and ZYKHZ..AD...

2. Applicable power refers to the input torque of 4 pole motor. If the connect way is coupling, can see the power range on the table directly, if the connect way is other pole motor, sprocket, belt pulley, need customers to convert by themselves.

安装结构尺寸
ZYK..R..

Mounting Dimensional Description
ZYK..R..



| 机 型 号 Type Size | 机 座 号 Frame Size | L |
|--------------------------|---------------------|-----|
| ZYGK..39R19 | 63 | 135 |
| | 71 | |
| | 80 | |
| ZYK..49R39 ZYK..69R39 | 63 | 163 |
| | 71 | |
| | 80 | |
| ZYK..59R39 | 63 | 163 |
| | 71 | |
| | 80 | |
| ZYK..79R39 | 63 | 163 |
| | 71 | |
| | 80 | |
| ZYK..89R59 | 63 | 216 |
| | 71 | |
| | 80 | |
| ZYK..99R59 | 63 | 216 |
| | 71 | |
| | 80 | |
| ZYK..109R79 | 63 | 251 |
| | 71 | |
| | 80 | |
| ZYK..109R79 | 90 | 251 |
| | 100 | |
| | 112 | |
| ZYK..109R79 | 132 | 251 |
| | 160 | |

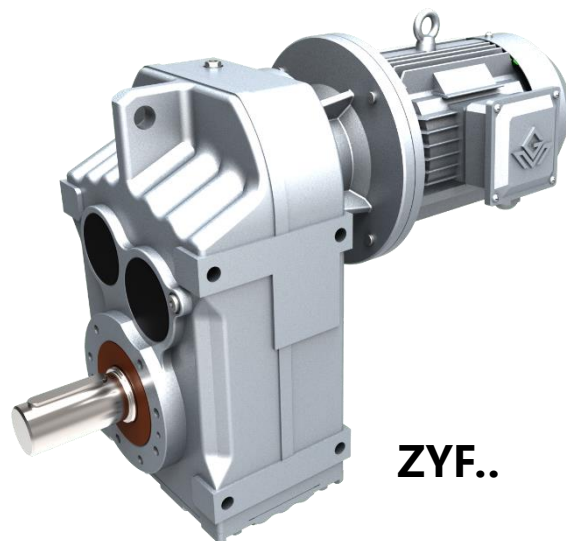
| 机 型 号 Type Size | 机 座 号 Frame Size | L |
|--|---------------------|-----|
| ZYK..129R79 | 63 | 241 |
| | 71 | |
| | 80 | |
| | 90 | |
| | 100 | |
| | 112 | |
| ZYK..129R89 | 132 | 280 |
| | 160 | |
| | 90 | 280 |
| | 100 | |
| | 112 | |
| | 132 | |
| ZYK..159R99 ZYK..169R99 ZYK..189R99 | 160 | 332 |
| | 180 | |
| | 200 | |
| | 80 | 332 |
| | 90 | |
| | 100 | |
| ZYK..159R109 ZYK..169R109 ZYK..189R109 | 112 | 382 |
| | 132 | |
| | 160 | |
| | 180 | |
| | 200 | |
| | 225 | |

注：ZYKA/ZYKAF/ZYKF/ZYKAZ/ZYKH/ZYKHF/ZYKHZ 均可采用串联组合机型。
Note: Combined type is also available for type ZYKA/ZYKAF/ZYKF/ZYKAZ/ZYKH/ZYKHF/ZYKHZ.

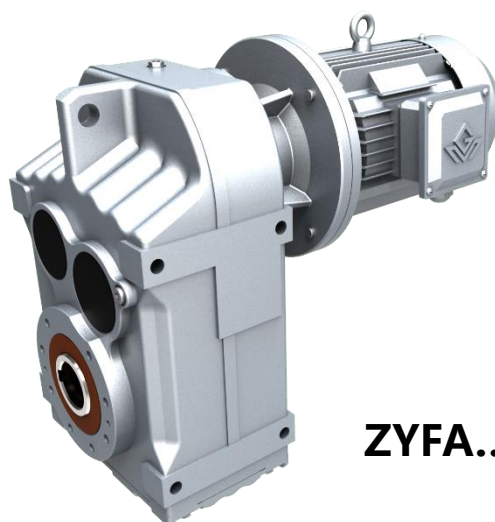
ZYF

系列
平行轴—斜齿轮
减速电机

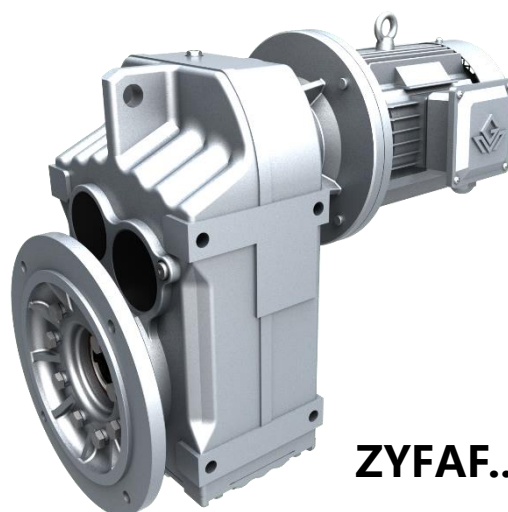
ZBF Series Parallel-Shaft Helical Geared Motors



ZYF..



ZYFA..



ZYFAF..

ZYF 系列

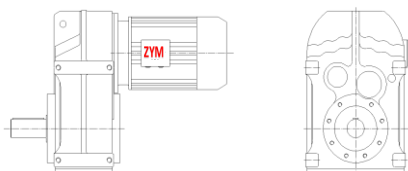
结构形式说明

ZBF 系列各轴之间的几何位置都互为平行关系，因而亦称为平行轴系列。由两级或三级斜齿轮构成。

Shafts of ZBF series geared motors are all parallel to each other. Units of ZBF series all consist of two or three stages helical gears.

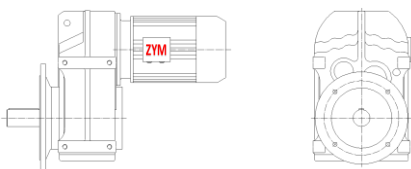
1.ZYF 型：底脚安装，输出轴为实心轴。 **Type**

ZYF: Foot mounted. Solid output shaft.



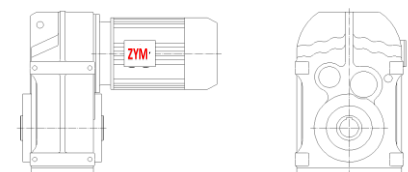
2.ZYFF 型：B5 法兰安装，输出轴为实心轴。

Type ZYFF: B5 flange mounted. Solid output shaft.



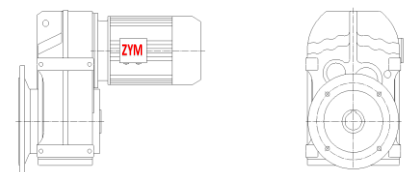
3.ZYFA 型：轴装式，输出轴为空心轴。

Type ZYFA: Shaft mounted. Hollow output shaft.



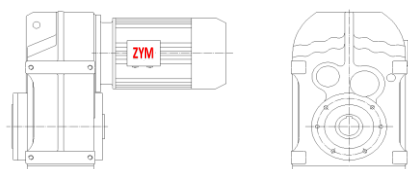
4. ZYFAF 型：B5 法兰安装，输出轴为空心轴。

Type ZYFAF: B5 flange mounted. Hollow output shaft.



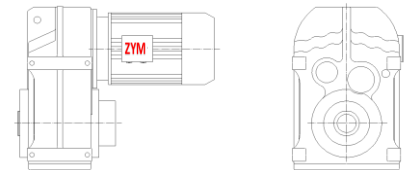
5. ZYFAZ 型：B14 法兰空心轴安装。

Type ZYFAZ: B14 flange mounted version with hollow shaft.



6.ZYFH 型：空心轴锁紧盘安装。

Type ZYFH: Hollow shaft and shrink disk mounted.

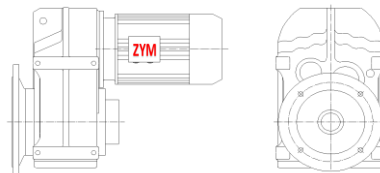


Type of ZYF Series

Dimensional Description

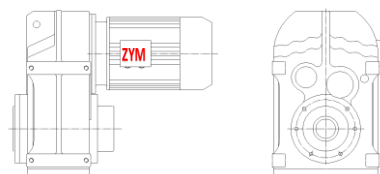
7.ZYFHF 型：B5 法兰空心轴锁紧盘安装。

Type ZYFHF: B5 flange mounted version with hollow shaft and shrink disk.



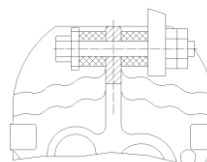
8.ZYFHZ 型：B14 法兰空心轴锁紧盘安装。

Type ZYFHZ: B14 flange mounted version with hollow shaft and shrink disk.



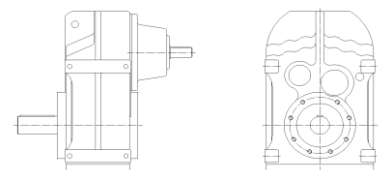
9.ZYFA 型/ZYFHT 型：即在 ZBFA/ZBFH 型上增加防转臂附件后的派生型。

Type ZYFAT/ZYFHT: As altered type from type ZYFA/ZYFH, this type is added torque arm and other accessories.



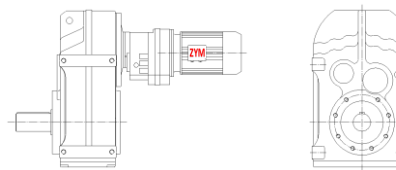
10.ZYF..AD 型：轴输入型。 **Type**

ZYF..AD: Input shaft types .



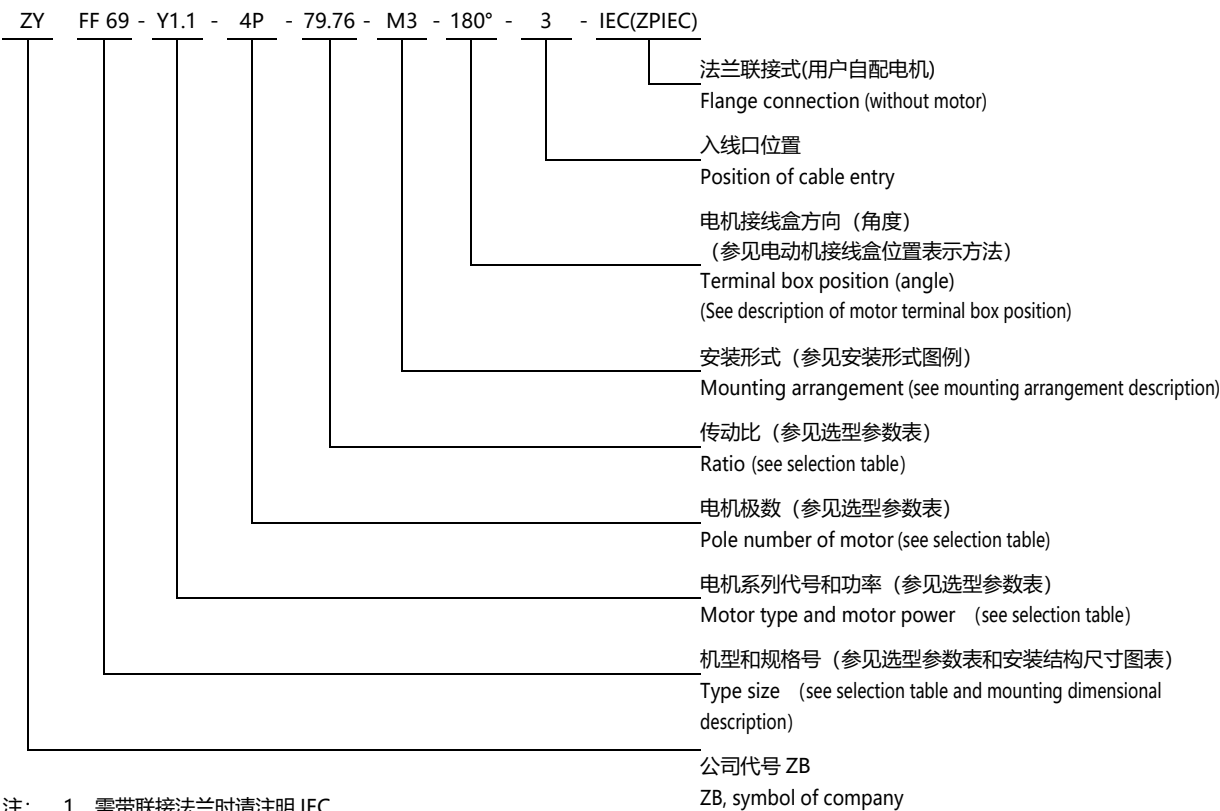
11.ZYF..R 型：ZYF 系列和 ZBR 系列的组合。

Type ZYF..R: Combined types of type ZYF and type ZYR.



型号表示方法

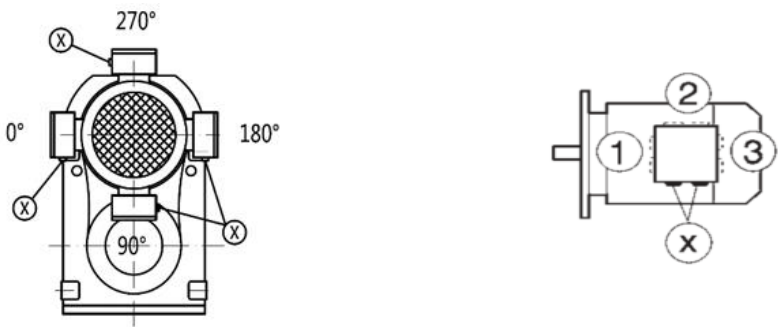
Type Expression of ZYF Series



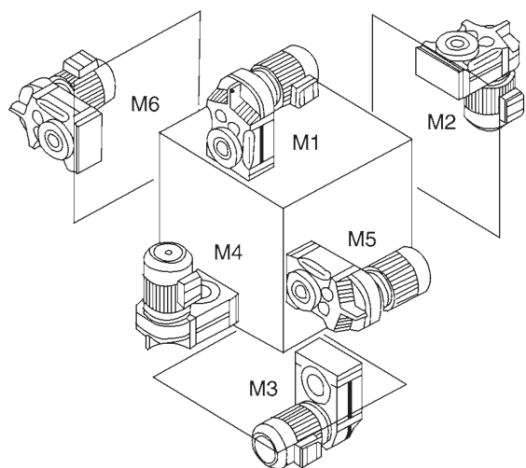
- 注: 1、需带联接法兰时请注明 IEC。
2、输入轴型没有电动机各项内容。
3、不注明减速机的安装形式时, 则默认为安装形式中的 M1 位置。不注明接线盒方向时, 则默认为安装形式中的 0 度位置。不注明入线口位置时, 则默认为 X 位置。
4、对输出轴旋转方向和输入轴旋转方向有特别要求的用户, 请与技术部联系, 并在订货时用简图或文字说明。
- Note: 1、Please make a note, if it needs connecting flange.
2、Contents of motors for input shaft types are not listed.
3、It is M1, When the mounting arrangement of the reducer is not mentioned. Degree=0°, if terminal box position is not mentioned. It is X, if cable entry position is not mentioned.
4、If specific rotation directions of output shaft or/and input shaft are specially requested, please contact our technology department, and make detailed description while placing order.

电机接线盒位置及入线口位置表示方法

Description of Motor Terminal Box Position and Cable Entry Position

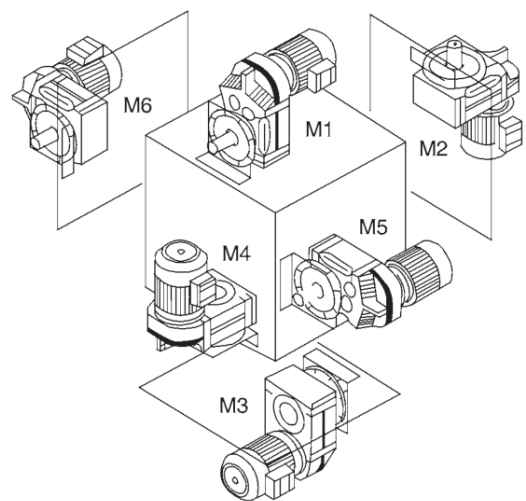


安装形式图例



安装形式定义：
M1—电机水平放置；减速机底部朝下。
M2—电机居下。
M3—电机水平放置；减速机底部朝上。
M4—电机居上。
M5—电机水平放置；当减速机在 M1 安装位置时，从电机方向看，减速机的左面旋转到下方位置。
M6—电机水平放置；当减速机在 M1 安装位置时，从电机方向看，减速机的左面旋转到上方位置。

Mounting Arrangements Description



Mounting arrangements are defined as following:
M1—horizontally mounted motor,unit base is at bottom.
M2—motor is vertically mounted downwards.
M3—horizontally mounted motor,unit base is on top.
M4—motor is vertically mounted upwards.
M5—horizontally mounted motor,if placed on M1 position,left side of unit turns to bottom (view point: towards from motor side).
M6—horizontally mounted motor,if placed on M1 position,left side of unit turns to top (view point: towards from motor side).

减速机重量

| 机型号 Type size | ZYF39 | ZYF49 | ZYF59 | ZYF69 | ZYF79 | ZYF89 | ZYF99 | ZYF109 | ZYF129 | ZYF159 |
|------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 重量(kg) Weight | 15 | 20 | 31 | 35 | 67 | 117 | 195 | 305 | 520 | 950 |

注:重量为平均值，不包括电机、联接法兰，仅供参考。
(Note: The weights mean values without the motor and IEC flange, only for reference.)

Gear Unit Weight

选型参数表注释

| 恒功率 Constant power | | | | | |
|----------------------|-----------------------|--------------|-----------------------------------|------------------------|------------------|
| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size |
| 极数 Pole | | | | | |
| ↓ | ↓ | ↓ | ↓ | ↓ | |
| 输出转速 Output speed | 输出转矩 Output torque | 减速比 Ratio | 许用径向载荷 Permissible radial load | 使用系数 Service factor | |

Description of Selection Table

| 恒转矩 Constant torque | | | | | |
|-----------------------------|----------------------|--------------|-----------------------------------|------------------|---------------------|
| Mamax [Nm] | n_a [r/min] | i | F_{Ra} [kN] | 机型号 Type size | P [kW]/4P |
| ↓ | ↓ | ↓ | ↓ | | ↓ |
| 最大输出转矩 Max.output torque | 输出转速 Output speed | 减速比 Ratio | 许用径向载荷 Permissible radial load | | 电机功率 Motor power |

选型参数表

(恒功率) 0.12kW

Selection Table

(Constant Power) 0.12kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 0.12kW | | | | | | | 0.12kW | | | | | | |
| 0.06 | 17605 | 22298 | 80 | 0.80 | ZYFA129R79 ZYFAF129R79 ZYF129R79 ZYFF129R79 | 4P | 1.5 | 672 | 851 | 8.9 | 0.95 | ZYFA59R39 ZYFAF59R39 ZYF59R39 ZYFF59R39 | 4P |
| 0.07 | 15021 | 19026 | 85 | 0.85 | | | 1.8 | 583 | 738 | 9.4 | 1.10 | | |
| 0.08 | 13135 | 16637 | 86 | 0.95 | | | 2.0 | 510 | 646 | 10 | 1.25 | | |
| 0.09 | 11610 | 14705 | 86 | 1.10 | | | 2.3 | 441 | 558 | 10 | 1.45 | | |
| 0.10 | 10194 | 12912 | 86 | 1.25 | | | 2.6 | 399 | 506 | 10 | 1.60 | | |
| 0.11 | 9192 | 11643 | 86 | 1.35 | | | 2.9 | 357 | 452 | 11 | 1.80 | | |
| 0.13 | 8037 | 10180 | 86 | 1.55 | | | 3.1 | 336 | 426 | 11 | 1.90 | | |
| 0.09 | 11660 | 14768 | 42 | 0.80 | ZYFA109R79 ZYFAF109R79 ZYF109R79 ZYFF109R79 | 4P | 3.4 | 302 | 382 | 11 | 2.10 | ZYFA59R39 ZYFAF59R39 ZYF59R39 ZYFF59R39 | 4P |
| 0.12 | 8959 | 11347 | 48 | 0.90 | | | 4.0 | 261 | 330 | 11 | 2.45 | | |
| 0.13 | 7926 | 10039 | 52 | 1.05 | | | 4.4 | 235 | 298 | 11 | 2.70 | | |
| 0.15 | 6749 | 8548 | 54 | 1.25 | | | 5.0 | 207 | 262 | 11 | 3.10 | | |
| 0.17 | 6060 | 7675 | 54 | 1.35 | | | 2.4 | 429 | 543 | 6.0 | 1.00 | ZYFA49R19 ZYFAF49R19 ZYF49R19 ZYFF49R19 | 4P |
| 0.19 | 5343 | 6768 | 55 | 1.55 | | | 2.8 | 375 | 475 | 6.5 | 1.15 | | |
| 0.22 | 4701 | 5954 | 56 | 1.75 | | | 3.1 | 331 | 419 | 6.9 | 1.30 | | |
| 0.25 | 4124 | 5223 | 57 | 2.00 | QYFA99R59 QYFAF99R59 QYF99R59 QYFF99R59 | 4P | 2.5 | 414 | 524 | 6.1 | 1.00 | ZYFA49R19 ZYFAF49R19 ZYF49R19 ZYFF49R19 | 4P |
| 0.29 | 3606 | 4567 | 58 | 2.30 | | | 2.7 | 386 | 489 | 6.4 | 1.10 | | |
| 0.37 | 2780 | 3521 | 59 | 3.00 | | | 3.1 | 337 | 427 | 6.8 | 1.25 | | |
| 0.20 | 5107 | 6469 | 29 | 0.90 | | | 3.4 | 301 | 381 | 7.0 | 1.40 | | |
| 0.23 | 4433 | 5615 | 30 | 1.00 | | | 3.9 | 264 | 334 | 7.2 | 1.60 | | |
| 0.26 | 3917 | 4961 | 31 | 1.15 | | | 4.5 | 232 | 294 | 7.4 | 1.80 | | |
| 0.30 | 3421 | 4333 | 32 | 1.35 | | | 5.2 | 200 | 253 | 7.5 | 2.10 | | |
| 0.34 | 3084 | 3906 | 33 | 1.50 | QYFA99R59 QYFAF99R59 QYF99R59 QYFF99R59 | 4P | 4.1 | 254 | 322 | 3.9 | 0.80 | ZYFA39R19 ZYFAF39R19 ZYF39R19 ZYFF39R19 | 4P |
| 0.39 | 2646 | 3352 | 33 | 1.70 | | | 4.7 | 219 | 278 | 4.3 | 0.95 | | |
| 0.45 | 2295 | 2907 | 34 | 2.00 | | | 5.4 | 191 | 242 | 4.6 | 1.10 | | |
| 0.51 | 2016 | 2553 | 34 | 2.25 | | | 5.9 | 174 | 221 | 4.6 | 1.20 | | |
| 0.31 | 3351 | 4245 | 23 | 0.95 | | | 4.0 | 257 | 326 | 3.7 | 0.80 | ZYFA39R19 ZYFAF39R19 ZYF39R19 QYFF39R19 | 4P |
| 0.35 | 2938 | 3721 | 25 | 1.10 | | | 4.6 | 225 | 285 | 4.2 | 0.95 | | |
| 0.40 | 2561 | 3244 | 25 | 1.25 | QYFA89R59 QYFAF89R59 QYF89R59 QYFF89R59 | 4P | 5.2 | 197 | 250 | 4.4 | 1.05 | | |
| 0.45 | 2275 | 2881 | 25 | 1.40 | | | 6.0 | 173 | 219 | 4.6 | 1.20 | | |
| 0.51 | 2033 | 2575 | 26 | 1.55 | | | 7.0 | 147 | 186 | 4.8 | 1.45 | | |
| 0.60 | 1736 | 2199 | 27 | 1.85 | | | 7.8 | 132 | 167 | 4.9 | 1.60 | | |
| 0.68 | 1524 | 1930 | 27 | 2.10 | | | 3.7 | 293 | 228.99 | 12 | 2.80 | QYFA69 QYFAF69 QYF69 QYFF69 | 6P* |
| 0.77 | 1349 | 1709 | 27 | 2.35 | | | 4.4 | 250 | 195.39 | 12 | 3.30 | | |
| 0.88 | 1179 | 1493 | 28 | 2.70 | | | 5.0 | 219 | 170.85 | 12 | 3.80 | | |
| 1.0 | 1026 | 1300 | 28 | 3.10 | | | 5.2 | 208 | 162.31 | 12 | 4.00 | | |
| 1.1 | 906 | 1148 | 28 | 3.50 | | | 6.0 | 182 | 142.40 | 12 | 4.50 | | |
| 0.50 | 2063 | 2613 | 13 | 0.85 | QYFA79R39 QYFAF79R39 QYF79R39 QYFF79R39 | 4P | 4.3 | 256 | 199.70 | 11 | 2.40 | QYFA59 QYFAF59 QYF59 QYFF59 | 6P* |
| 0.57 | 1803 | 2284 | 15 | 0.90 | | | 4.6 | 235 | 183.60 | 11 | 2.60 | | |
| 0.65 | 1603 | 2030 | 16 | 1.00 | | | 5.4 | 201 | 157.09 | 11 | 3.00 | | |
| 0.76 | 1364 | 1728 | 17 | 1.15 | | | 6.2 | 174 | 136.16 | 11 | 3.50 | | |
| 0.85 | 1219 | 1544 | 17 | 1.30 | | | 6.7 | 163 | 127.27 | 11 | 3.70 | | |
| 0.97 | 1069 | 1354 | 18 | 1.50 | | | 6.6 | 166 | 199.70 | 11 | 3.60 | QYFA59 QYFAF59 QYF59 QYFF59 | 4P |
| 1.1 | 947 | 1200 | 18 | 1.70 | | | 7.1 | 153 | 183.60 | 11 | 3.90 | | |
| 1.2 | 831 | 1053 | 18 | 1.90 | QYFA79R39 QYFAF79R39 QYF79R39 QYFF79R39 | 4P | 8.3 | 131 | 157.09 | 11 | 4.60 | | |
| 1.4 | 718 | 910 | 19 | 2.20 | | | 9.6 | 113 | 136.16 | 11 | 5.30 | | |
| 1.6 | 640 | 810 | 19 | 2.50 | | | 4.5 | 244 | 190.76 | 7.1 | 1.65 | QYFA49 QYFAF49 QYF49 QYFF49 | 6P* |
| 1.8 | 561 | 710 | 19 | 2.85 | | | 4.8 | 225 | 175.38 | 7.3 | 1.80 | | |
| 0.92 | 1128 | 1429 | 8.8 | 0.80 | QYFA69R39 QYFAF69R39 QYF69R39 QYFF69R39 | 4P | 5.7 | 192 | 150.06 | 7.4 | 2.10 | | |
| 1.0 | 1003 | 1271 | 10 | 0.85 | | | 6.5 | 167 | 130.07 | 7.5 | 2.40 | | |
| 1.2 | 870 | 1102 | 11 | 1.00 | | | 7.0 | 156 | 121.57 | 7.6 | 2.60 | | |
| 1.4 | 766 | 970 | 11 | 1.15 | | | 8.1 | 135 | 105.09 | 7.7 | 3.00 | | |
| 1.5 | 677 | 858 | 12 | 1.30 | | | 9.5 | 114 | 89.29 | 7.7 | 3.50 | | |
| 1.7 | 596 | 755 | 12 | 1.45 | | | 11 | 102 | 79.72 | 7.8 | 3.90 | | |
| 2.0 | 506 | 641 | 12 | 1.70 | | | 6.9 | 159 | 190.76 | 7.6 | 2.50 | QYFA49 QYFAF49 QYF49 QYFF49 | 4P |
| 2.3 | 452 | 572 | 12 | 1.90 | | | 7.5 | 146 | 175.38 | 7.6 | 2.80 | | |
| 2.6 | 402 | 509 | 12 | 2.15 | | | 8.7 | 125 | 150.06 | 7.7 | 3.20 | | |
| 3.0 | 345 | 437 | 12 | 2.50 | | | 10.1 | 108 | 130.07 | 7.7 | 3.70 | | |
| | | | | | | | 6.6 | 165 | 128.51 | 4.5 | 1.20 | QYFA39 QYFAF39 QYF39 QYFF39 | 6P* |
| | | | | | | | 7.2 | 151 | 117.88 | 4.6 | 1.35 | | |
| | | | | | | | 8.5 | 129 | 100.36 | 4.8 | 1.55 | | |
| | | | | | | | 9.8 | 111 | 86.53 | 4.9 | 1.80 | | |
| | | | | | | | 11 | 103 | 80.65 | 5.0 | 1.95 | | |

*0.12kW (6P) 电机需特制。*0.12kW motor of 6 poles needs to be specially requested and then manufactured.

选型参数表

(恒功率) 0.12kW-0.18kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 0.12kW | | | | | | |
| 10 | 107 | 128.51 | 5.0 | 1.85 | ZYFA39 ZYFAF39 ZYF39 ZYFF39 | 4P |
| 11 | 98 | 117.88 | 5.0 | 2.00 | | |
| 13 | 83 | 100.36 | 5.1 | 2.40 | | |
| 15 | 72 | 86.53 | 5.1 | 2.80 | | |
| 16 | 67 | 80.65 | 5.1 | 3.00 | | |
| 0.18kW | | | | | | |
| 0.10 | 15291 | 12912 | 83 | 0.80 | ZYFA129R79 ZYFAF129R79 ZYF129R79 ZYFF129R79 | 4P |
| 0.11 | 13788 | 11643 | 86 | 0.90 | | |
| 0.13 | 12056 | 10180 | 86 | 1.05 | | |
| 0.15 | 10448 | 8822 | 86 | 1.20 | | |
| 0.17 | 9041 | 7634 | 86 | 1.40 | | |
| 0.20 | 7944 | 6708 | 86 | 1.60 | ZYFA109R79 ZYFAF109R79 ZYF109R79 ZYFF109R79 | 4P |
| 0.15 | 10123 | 8548 | 45 | 0.80 | | |
| 0.17 | 9089 | 7675 | 46 | 0.90 | | |
| 0.19 | 8015 | 6768 | 49 | 1.05 | | |
| 0.22 | 7051 | 5954 | 51 | 1.15 | | |
| 0.25 | 6185 | 5223 | 53 | 1.35 | | |
| 0.29 | 5409 | 4567 | 54 | 1.55 | | |
| 0.37 | 4170 | 3521 | 56 | 2.00 | | |
| 0.43 | 3597 | 3037 | 57 | 2.30 | ZYFA109R79 ZYFAF109R79 ZYF109R79 ZYFF109R79 | 4P |
| 0.48 | 3264 | 2756 | 58 | 2.55 | | |
| 0.55 | 2806 | 2369 | 58 | 2.95 | | |
| 0.63 | 2449 | 2068 | 59 | 3.40 | | |
| 0.30 | 5131 | 4333 | 27 | 0.90 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 4P |
| 0.34 | 4626 | 3906 | 29 | 1.00 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 4P |
| 0.39 | 3970 | 3352 | 30 | 1.15 | | |
| 0.45 | 3443 | 2907 | 31 | 1.30 | | |
| 0.51 | 3023 | 2553 | 32 | 1.50 | | |
| 0.58 | 2659 | 2245 | 33 | 1.70 | | |
| 0.66 | 2333 | 1970 | 33 | 1.95 | | |
| 0.76 | 2041 | 1723 | 34 | 2.20 | | |
| 0.86 | 1810 | 1528 | 34 | 2.50 | | |
| 0.99 | 1572 | 1327 | 35 | 2.90 | | |
| 1.1 | 1387 | 1171 | 35 | 3.30 | ZYFA89R59 ZYFAF89R59 ZYF89R59 | 4P |
| 0.51 | 3050 | 2575 | 22 | 1.05 | | |
| 0.60 | 2604 | 2199 | 24 | 1.20 | | |
| 0.68 | 2286 | 1930 | 25 | 1.40 | | |
| 0.77 | 2024 | 1709 | 25 | 1.60 | | |
| 0.88 | 1768 | 1493 | 26 | 1.80 | | |
| 1.1 | 1360 | 1148 | 27 | 2.35 | | |
| 1.3 | 1196 | 1010 | 27 | 2.65 | | |
| 1.5 | 1050 | 887 | 28 | 3.00 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 4P |
| 1.7 | 924 | 780 | 28 | 3.45 | | |
| 0.85 | 1829 | 1544 | 13 | 0.85 | | |
| 1.0 | 1604 | 1354 | 15 | 1.00 | | |
| 1.1 | 1421 | 1200 | 16 | 1.10 | | |
| 1.2 | 1247 | 1053 | 17 | 1.30 | | |
| 1.4 | 1078 | 910 | 17 | 1.50 | | |
| 1.6 | 959 | 810 | 18 | 1.65 | | |
| 1.8 | 841 | 710 | 18 | 1.90 | | |
| 2.1 | 728 | 615 | 18 | 2.20 | | |

Selection Table

(Constant Power) 0.12kW-0.18kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|--|------------|
| 0.18kW | | | | | | |
| 1.5 | 1016 | 858 | 8.9 | 0.85 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 4P |
| 1.7 | 894 | 755 | 10 | 0.95 | | |
| 2.0 | 759 | 641 | 11 | 1.15 | | |
| 2.3 | 677 | 572 | 11 | 1.30 | | |
| 2.6 | 603 | 509 | 12 | 1.45 | | |
| 3.0 | 518 | 437 | 12 | 1.70 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 4P |
| 3.4 | 455 | 384 | 12 | 1.90 | | |
| 2.6 | 592 | 500 | 11 | 1.45 | | |
| 2.9 | 538 | 454 | 12 | 1.60 | | |
| 3.3 | 464 | 392 | 12 | 1.85 | | |
| 3.9 | 394 | 333 | 12 | 2.20 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 4P |
| 4.4 | 352 | 297 | 12 | 2.50 | | |
| 5.0 | 309 | 261 | 12 | 2.80 | | |
| 5.5 | 282 | 238 | 12 | 3.10 | | |
| 6.6 | 237 | 200 | 12 | 3.65 | | |
| 2.3 | 661 | 558 | 8.6 | 0.95 | ZYFA59R39 ZYFAF59R39 ZYF59R39 ZYFF59R39 | 4P |
| 2.6 | 599 | 506 | 9.1 | 1.05 | | |
| 2.9 | 535 | 452 | 10 | 1.20 | | |
| 3.4 | 457 | 386 | 10 | 1.40 | | |
| 3.9 | 400 | 338 | 10 | 1.60 | | |
| 3.1 | 505 | 426 | 10 | 1.25 | ZYFA59R39 ZYFAF59R39 ZYF59R39 ZYFF59R39 | 4P |
| 3.4 | 452 | 382 | 10 | 1.40 | | |
| 4.0 | 391 | 330 | 10 | 1.60 | | |
| 4.4 | 353 | 298 | 10 | 1.80 | | |
| 5.0 | 310 | 262 | 11 | 2.05 | | |
| 5.8 | 268 | 226 | 11 | 2.40 | ZYFA49R19 ZYFAF49R19 ZYF49R19 ZYFF49R19 | 4P |
| 6.6 | 237 | 200 | 11 | 2.70 | | |
| 3.5 | 438 | 370 | 5.6 | 0.95 | | |
| 4.0 | 384 | 324 | 6.1 | 1.10 | | |
| 4.5 | 341 | 288 | 6.6 | 1.25 | | |
| 5.3 | 295 | 249 | 6.9 | 1.45 | ZYFA49R19 ZYFAF49R19 ZYF49R19 ZYFF49R19 | 4P |
| 3.9 | 396 | 334 | 5.9 | 1.05 | | |
| 4.5 | 348 | 294 | 6.4 | 1.20 | | |
| 5.2 | 300 | 253 | 6.9 | 1.40 | | |
| 6.0 | 257 | 217 | 7.1 | 1.65 | | |
| 6.9 | 225 | 190 | 7.3 | 1.85 | ZYFF39R19 ZYFAF39R19 ZYF39R19 ZYFF39R19 | 4P |
| 7.4 | 211 | 178 | 7.4 | 2.00 | | |
| 7.0 | 220 | 186 | 4.0 | 0.95 | | |
| 7.8 | 198 | 167 | 4.2 | 1.05 | | |
| 9.0 | 172 | 145 | 4.5 | 1.20 | | |
| 10 | 153 | 129 | 4.7 | 1.40 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 6P |
| 3.0 | 541 | 281.71 | 19 | 2.70 | | |
| 3.2 | 505 | 262.93 | 19 | 2.90 | | |
| 3.8 | 434 | 225.79 | 19 | 3.40 | | |
| 3.7 | 440 | 228.99 | 12 | 1.80 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 6P |
| 4.4 | 375 | 195.39 | 12 | 2.10 | | |
| 5.0 | 328 | 170.85 | 12 | 2.40 | | |
| 5.7 | 285 | 228.99 | 12 | 2.80 | | |
| 6.7 | 244 | 195.39 | 12 | 3.20 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 4P |
| 7.7 | 213 | 170.85 | 12 | 3.70 | | |
| 4.3 | 384 | 199.70 | 10 | 1.50 | ZYFA59 ZYFAF59 ZYF59 ZYFF59 | 6P |
| 4.6 | 353 | 183.60 | 10 | 1.65 | | |
| 5.4 | 302 | 157.09 | 11 | 1.95 | | |
| 6.2 | 262 | 136.16 | 11 | 2.20 | | |
| 6.7 | 245 | 127.27 | 11 | 2.40 | | |
| 7.7 | 211 | 110.01 | 11 | 2.80 | | |

选型参数表

(恒功率) 0.18kW-0.25kW

Selection Table

(Constant Power) 0.18kW-0.25kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 0.18kW | | | | | | | 0.25kW | | | | | | |
| 6.6 | 249 | 199.70 | 11 | 2.30 | ZYFA59 | 4P | 1.2 | 1860 | 1148 | 26 | 1.70 | ZYFA89R59 | 4P |
| 7.1 | 229 | 183.60 | 11 | 2.50 | ZYFAF59 | | 1.3 | 1636 | 1010 | 26 | 1.90 | ZYFAF89R59 | |
| 8.3 | 196 | 157.09 | 11 | 2.90 | ZYF59 | | 1.5 | 1437 | 887 | 27 | 2.20 | ZYF89R59 | |
| 9.6 | 170 | 136.16 | 11 | 3.40 | ZYFF59 | | 1.7 | 1264 | 780 | 27 | 2.50 | ZYFF89R59 | |
| 10.3 | 159 | 127.27 | 11 | 3.60 | | | 2.0 | 1092 | 674 | 27 | 2.90 | | |
| 4.5 | 366 | 190.76 | 5.9 | 1.05 | ZYFA49 | 6P | 1.3 | 1706 | 1053 | 14 | 0.90 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 4P |
| 4.8 | 337 | 175.38 | 6.3 | 1.15 | ZYFAF49 | | 1.5 | 1474 | 910 | 15 | 1.05 | | |
| 5.7 | 288 | 150.06 | 6.7 | 1.35 | ZYF49 | | 1.6 | 1312 | 810 | 16 | 1.20 | | |
| 6.5 | 250 | 130.07 | 7.0 | 1.55 | ZYFF49 | | 1.9 | 1150 | 710 | 17 | 1.35 | | |
| 7.0 | 234 | 121.57 | 7.2 | 1.65 | | | 2.2 | 996 | 615 | 17 | 1.55 | | |
| 6.9 | 238 | 190.76 | 7.1 | 1.60 | ZYFA49 | 4P | 2.5 | 872 | 538 | 18 | 1.80 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 4P |
| 7.5 | 219 | 175.38 | 7.2 | 1.75 | ZYFAF49 | | 2.8 | 778 | 480 | 18 | 2.00 | | |
| 8.7 | 187 | 150.06 | 7.4 | 2.00 | ZYF49 | | 3.2 | 669 | 413 | 18 | 2.35 | | |
| 10.1 | 162 | 130.07 | 7.5 | 2.40 | ZYFF49 | | 2.3 | 927 | 572 | 9.0 | 0.90 | | |
| 10.8 | 152 | 121.57 | 7.6 | 2.50 | | | 2.6 | 825 | 509 | 10 | 1.05 | | |
| 7.2 | 226 | 117.88 | 3.6 | 0.85 | ZYFA39 | 6P | 3.0 | 708 | 437 | 11 | 1.20 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 4P |
| 8.5 | 193 | 100.36 | 4.1 | 1.00 | ZYFAF39 | | 2.7 | 810 | 500 | 10 | 1.05 | | |
| 10 | 166 | 86.53 | 4.4 | 1.15 | ZYF39 | | 2.9 | 736 | 454 | 10 | 1.15 | | |
| 11 | 155 | 80.65 | 4.6 | 1.25 | ZYFF39 | | 3.4 | 635 | 392 | 11 | 1.35 | | |
| 12 | 135 | 70.50 | 4.7 | 1.45 | | | 4.0 | 539 | 333 | 12 | 1.60 | | |
| 10 | 160 | 128.51 | 4.5 | 1.20 | ZYFA39 ZYFAF39 ZYF39 ZYFF39 | 4P | 4.5 | 481 | 297 | 12 | 1.75 | ZYFA59R39 ZYFAF59R39 ZYF59R39 ZYFF59R39 | 4P |
| 11 | 147 | 117.88 | 4.6 | 1.30 | | | 5.1 | 423 | 261 | 12 | 2.00 | | |
| 13 | 125 | 100.36 | 4.8 | 1.55 | | | 5.6 | 386 | 238 | 12 | 2.20 | | |
| 15 | 108 | 86.53 | 4.9 | 1.75 | | | 3.4 | 625 | 386 | 8.7 | 1.00 | | |
| 16 | 101 | 80.65 | 5.0 | 1.90 | | | 3.9 | 548 | 338 | 9.3 | 1.15 | | |
| 19 | 88 | 70.50 | 5.0 | 2.20 | | | 5.2 | 413 | 255 | 10 | 1.50 | | |
| 20 | 82 | 66.09 | 5.1 | 2.30 | | | 3.5 | 619 | 382 | 8.3 | 1.00 | | |
| 22 | 73 | 58.32 | 5.1 | 2.60 | | | 4.0 | 535 | 330 | 9.2 | 1.15 | | |
| 0.25kW | | | | | | | 4.5 | 483 | 298 | 10 | 1.25 | | |
| 0.15 | 14292 | 8822 | 84 | 0.85 | ZYFA129R79 | 5.1 | 424 | 262 | 10 | 1.45 | | | |
| 0.17 | 12368 | 7634 | 86 | 1.00 | ZYFAF129R79 | 5.9 | 366 | 226 | 10 | 1.70 | | | |
| 0.20 | 10868 | 6708 | 86 | 1.15 | ZYF129R79 | 6.7 | 324 | 200 | 10 | 1.90 | | | |
| 0.22 | 9589 | 5919 | 86 | 1.30 | ZYFF129R79 | 7.8 | 275 | 170 | 11 | 2.25 | | | |
| 0.26 | 8339 | 5147 | 86 | 1.50 | ZYFA109R79 ZYFAF109R79 ZYF109R79 ZYFF109R79 | 4P | 5.3 | 403 | 249 | 5.7 | 1.00 | ZYFA49R19 ZYFAF49R19 ZYF49R19 ZYFF49R19 | 4P |
| 0.29 | 7336 | 4528 | 86 | 1.70 | | | 6.1 | 353 | 218 | 6.3 | 1.15 | | |
| 0.22 | 9646 | 5954 | 44 | 0.85 | | | 6.9 | 313 | 193 | 6.7 | 1.30 | | |
| 0.25 | 8462 | 5223 | 47 | 0.95 | | | 7.6 | 284 | 175 | 6.9 | 1.45 | | |
| 0.29 | 7399 | 4567 | 49 | 1.10 | | | 5.3 | 410 | 253 | 5.6 | 1.00 | | |
| 0.38 | 5704 | 3521 | 53 | 1.40 | ZYFA109R79 ZYFAF109R79 ZYF109R79 ZYFF109R79 | 4P | 6.1 | 352 | 217 | 6.2 | 1.20 | ZYFA49R19 ZYFAF49R19 ZYF49R19 ZYFF49R19 | 4P |
| 0.44 | 4920 | 3037 | 54 | 1.65 | | | 7.0 | 308 | 190 | 6.6 | 1.35 | | |
| 0.48 | 4465 | 2756 | 55 | 1.80 | | | 7.5 | 288 | 178 | 6.8 | 1.45 | | |
| 0.56 | 3838 | 2369 | 56 | 2.10 | | | 8.9 | 241 | 149 | 7.1 | 1.70 | | |
| 0.64 | 3350 | 2068 | 57 | 2.40 | | | 10 | 212 | 131 | 7.3 | 1.95 | | |
| 0.83 | 2587 | 1597 | 58 | 3.15 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 4P | 9.2 | 235 | 145 | 3.5 | 0.85 | ZYFA39R19 ZYFAF39R19 ZYF39R19 ZYFF39R19 | 4P |
| 0.95 | 2270 | 1401 | 59 | 3.60 | | | 10 | 209 | 129 | 3.9 | 1.00 | | |
| 0.46 | 4710 | 2907 | 28 | 0.95 | | | 11 | 191 | 118 | 4.2 | 1.10 | | |
| 0.52 | 4136 | 2553 | 29 | 1.05 | | | 14 | 159 | 98 | 4.5 | 1.30 | | |
| 0.59 | 3637 | 2245 | 30 | 1.20 | | | 15 | 141 | 87 | 4.7 | 1.45 | | |
| 0.68 | 3192 | 1970 | 31 | 1.40 | | | 3.0 | 752 | 281.71 | 18 | 1.95 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 6P |
| 0.77 | 2791 | 1723 | 32 | 1.60 | | | 3.2 | 702 | 262.93 | 18 | 2.10 | | |
| 0.87 | 2475 | 1528 | 33 | 1.80 | | | 3.8 | 602 | 225.79 | 19 | 2.50 | | |
| 1.0 | 2150 | 1327 | 34 | 2.10 | | | 4.3 | 529 | 198.31 | 19 | 2.80 | | |
| 1.1 | 1897 | 1171 | 34 | 2.35 | 4.5 | 503 | 188.40 | 19 | 2.90 | | | | |
| 1.3 | 1656 | 1022 | 34 | 2.70 | | | | | | | | | |
| 0.69 | 3127 | 1930 | 17 | 1.00 | ZYFA89R59 | 4P | | | | | | | |
| 0.78 | 2769 | 1709 | 23 | 1.10 | ZYFAF89R59 | | | | | | | | |
| 0.89 | 2419 | 1493 | 24 | 1.30 | ZYF89R59 | | | | | | | | |
| 1.0 | 2106 | 1300 | 25 | 1.50 | ZYFF89R59 | | | | | | | | |

选型参数表

(恒功率) 0.25kW-0.37kW

Selection Table

(Constant Power) 0.25kW-0.37kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|------------------|------------|
| 0.25kW | | | | | | | 0.37kW | | | | | | |
| 3.7 | 611 | 228.99 | 11 | 1.30 | ZYFA69 | 6P | 0.44 | 7282 | 3037 | 50 | 1.10 | ZYFA109R79 | 4P |
| 4.4 | 521 | 195.39 | 12 | 1.55 | ZYFAF69 | | 0.48 | 6608 | 2756 | 51 | 1.25 | ZYFAF109R79 | |
| 5.0 | 456 | 170.85 | 12 | 1.75 | ZYF69 | | 0.56 | 5680 | 2369 | 53 | 1.45 | ZYF109R79 | |
| 5.2 | 433 | 162.31 | 12 | 1.85 | ZYFF69 | | 0.64 | 4959 | 2068 | 54 | 1.65 | ZYFF109R79 | |
| 6.0 | 380 | 142.40 | 12 | 2.10 | | | 0.83 | 3829 | 1597 | 56 | 2.10 | | |
| 5.8 | 391 | 228.99 | 12 | 1.95 | ZYFA69 | 4P | 0.68 | 4724 | 1970 | 28 | 0.95 | ZYFA99R59 | 4P |
| 6.8 | 333 | 195.39 | 12 | 2.30 | ZYFAF69 | | 0.77 | 4131 | 1723 | 29 | 1.10 | ZYFAF99R59 | |
| 7.8 | 291 | 170.85 | 12 | 2.60 | ZYF69 | | 0.87 | 3664 | 1528 | 31 | 1.20 | ZYF99R59 | |
| 8.2 | 277 | 162.31 | 12 | 2.80 | ZYFF69 | | 1.0 | 3182 | 1327 | 32 | 1.40 | ZYFF99R59 | |
| 9.3 | 243 | 142.40 | 12 | 3.10 | | | 1.1 | 2808 | 1171 | 32 | 1.60 | | |
| 4.3 | 533 | 199.70 | 9.1 | 1.10 | ZYFA59 | 6P | 1.3 | 2450 | 1022 | 33 | 1.85 | ZYFA89R59 | 4P |
| 4.6 | 490 | 183.60 | 9.4 | 1.20 | ZYFAF59 | | 1.5 | 2153 | 898 | 34 | 2.10 | ZYFAF89R59 | |
| 5.4 | 419 | 157.09 | 10 | 1.40 | ZYF59 | | 1.0 | 3117 | 1300 | 22 | 1.00 | ZYF89R59 | |
| 6.2 | 363 | 136.16 | 10 | 1.60 | ZYFF59 | | 1.2 | 2753 | 1148 | 23 | 1.15 | ZYFF89R59 | |
| 6.7 | 340 | 127.27 | 10 | 1.75 | | | 1.3 | 2422 | 1010 | 24 | 1.30 | | |
| 7.7 | 294 | 110.01 | 11 | 2.00 | | 4P | 1.5 | 2127 | 887 | 25 | 1.45 | | 4P |
| 6.7 | 341 | 199.70 | 10 | 1.65 | ZYFA59 | | 1.7 | 1870 | 780 | 26 | 1.65 | | |
| 7.2 | 313 | 183.60 | 10 | 1.80 | ZYFAF59 | | 2.0 | 1616 | 674 | 27 | 1.95 | | |
| 8.5 | 268 | 157.09 | 11 | 2.10 | ZYF59 | | 2.2 | 1460 | 609 | 27 | 2.15 | | |
| 9.8 | 232 | 136.16 | 11 | 2.40 | ZYFF59 | | 2.6 | 1235 | 515 | 27 | 2.55 | | |
| 10 | 217 | 127.27 | 11 | 2.60 | | 6P | 2.9 | 1084 | 452 | 28 | 2.90 | | 4P |
| 12 | 188 | 110.01 | 11 | 3.00 | | | 1.6 | 1942 | 810 | 13 | 0.80 | ZYFA79R39 | |
| 5.7 | 400 | 150.06 | 5.5 | 1.00 | ZYFA49 | | 1.9 | 1702 | 710 | 14 | 0.90 | ZYFAF79R39 | |
| 6.5 | 347 | 130.07 | 6.2 | 1.15 | ZYFAF49 | | 2.2 | 1475 | 615 | 16 | 1.05 | ZYF79R39 | |
| 7.0 | 324 | 121.57 | 6.4 | 1.20 | ZYF49 | | 2.5 | 1290 | 538 | 17 | 1.20 | ZYFF79R39 | |
| 8.1 | 280 | 105.09 | 6.8 | 1.40 | ZYFF49 | 4P | 2.8 | 1151 | 480 | 17 | 1.35 | | 4P |
| 7.0 | 325 | 190.76 | 6.2 | 1.15 | ZYFA49 | | 3.2 | 990 | 413 | 18 | 1.60 | | |
| 7.6 | 299 | 175.38 | 6.5 | 1.25 | ZYFAF49 | | 3.6 | 880 | 367 | 18 | 1.80 | | |
| 8.9 | 256 | 150.06 | 6.9 | 1.45 | ZYF49 | | 4.1 | 774 | 323 | 18 | 2.00 | | |
| 10.2 | 222 | 130.07 | 7.2 | 1.65 | ZYFF49 | | 3.5 | 921 | 384 | 9.4 | 0.95 | ZYFA69R39 | 4P |
| 10.9 | 207 | 121.57 | 7.3 | 1.80 | | 3.9 | 810 | 338 | 10 | 1.05 | ZYFAF69R39 | | |
| 12.7 | 179 | 105.09 | 7.4 | 2.10 | | 4.4 | 731 | 305 | 11 | 1.15 | ZYF69R39 | | |
| 14.9 | 152 | 89.29 | 7.6 | 2.40 | | 5.2 | 616 | 257 | 11 | 1.40 | ZYFF69R39 | | |
| 10 | 219 | 128.51 | 3.5 | 0.85 | ZYFA39 | 4P | 5.8 | 554 | 231 | 12 | 1.55 | | 4P |
| 11 | 201 | 117.88 | 3.8 | 0.90 | ZYFAF39 | | 5.2 | 611 | 255 | 8.9 | 1.00 | ZYFA59R39 | |
| 13 | 171 | 100.36 | 4.3 | 1.10 | ZYF39 | | 6.6 | 482 | 201 | 10 | 1.30 | ZYFAF59R39 | |
| 15 | 148 | 86.53 | 4.6 | 1.25 | ZYFF39 | | 7.3 | 434 | 181 | 10 | 1.45 | ZYF59R39 | 4P |
| 16 | 138 | 80.65 | 4.7 | 1.35 | | | 5.1 | 628 | 262 | 8.7 | 1.00 | ZYFA59R39 | |
| 19 | 120 | 70.50 | 4.8 | 1.55 | | | 5.9 | 542 | 226 | 9.3 | 1.15 | ZYFAF59R39 | |
| 20 | 113 | 66.09 | 4.9 | 1.65 | | | 6.7 | 480 | 200 | 10 | 1.30 | ZYF59R39 | 4P |
| 23 | 99 | 58.32 | 4.9 | 1.85 | | | 7.8 | 408 | 170 | 10 | 1.55 | ZYFA59R39 | |
| 24 | 93 | 54.54 | 5.0 | 2.00 | | | 8.8 | 364 | 152 | 10 | 1.70 | ZYFAF59R39 | |
| 26 | 88 | 51.70 | 5.0 | 2.10 | | | 9.9 | 321 | 134 | 11 | 1.95 | ZYF59R39 | 4P |
| 28 | 80 | 47.02 | 5.1 | 2.30 | | | 7.6 | 420 | 175 | 5.7 | 1.00 | ZYFA49R19 | |
| 30 | 75 | 43.95 | 5.1 | 2.50 | | | 9.0 | 352 | 147 | 6.4 | 1.20 | ZYFAF49R19 | |
| 35 | 65 | 38.31 | 5.1 | 2.80 | | | 10 | 312 | 130 | 6.8 | 1.35 | ZYF49R19 | 8P |
| 37 | 61 | 35.91 | 5.1 | 3.00 | | | 2.4 | 1377 | 270.68 | 27 | 2.10 | ZYFA89 | |
| 42 | 54 | 31.69 | 5.2 | 3.40 | | | 2.6 | 1299 | 255.37 | 27 | 2.30 | ZYFAF89 | |
| 0.37kW | | | | | | | 2.9 | 1164 | 228.93 | 27 | 2.50 | ZYF89 | 6P |
| 0.20 | 16084 | 6708 | 81 | 0.80 | ZYFA129R79 | 4P | 3.3 | 1003 | 197.20 | 27 | 2.90 | ZYFF89 | |
| 0.22 | 14192 | 5919 | 84 | 0.85 | ZYFAF129R79 | | 3.3 | 1021 | 270.68 | 27 | 2.80 | ZYFA89 | |
| 0.26 | 12341 | 5147 | 86 | 1.00 | ZYF129R79 | | 3.5 | 963 | 255.37 | 28 | 3.00 | ZYFAF89 | |
| 0.29 | 10857 | 4528 | 86 | 1.15 | ZYFF129R79 | | 3.9 | 863 | 228.93 | 28 | 3.30 | ZYF89 | |
| 0.34 | 9404 | 3922 | 86 | 1.35 | | | | | | | | ZYFF89 | |
| 0.39 | 8272 | 3450 | 86 | 1.55 | | | | | | | | | |
| 0.44 | 7260 | 3028 | 86 | 1.70 | | | | | | | | | |

选型参数表

(恒功率) 0.37kW-0.55kW

Selection Table

(Constant Power) 0.37kW-0.55kW

| n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole | n_a [r/min] | M_a [Nm] | i | F_{Ra} [kN] | f_B | 机型号 Type size | 极数 Pole |
|------------------|---------------|--------|------------------|-------|--------------------------------------|------------|------------------|---------------|--------|------------------|-------|--|------------|
| 0.37kW | | | | | | | 0.55kW | | | | | | |
| 3.9 | 852 | 225.79 | 18 | 1.70 | ZPFA79 | 6P | 0.57 | 8277 | 2427 | 114 | 2.30 | ZPFA159R99 | 4P |
| 4.5 | 748 | 198.31 | 18 | 1.95 | ZPFAF79 | | 0.83 | 5709 | 1674 | 114 | 3.30 | ZPFAF159R99 | |
| 4.7 | 711 | 188.40 | 18 | 2.00 | ZPF79 | | 1.1 | 4461 | 1308 | 114 | 4.30 | ZPF159R99 | |
| 5.3 | 628 | 166.47 | 18 | 2.30 | ZPFF79 | | 1.2 | 3987 | 1169 | 114 | 4.80 | ZPFF159R99 | |
| 6.3 | 537 | 142.27 | 19 | 2.70 | | | | | | | | | |
| 4.7 | 711 | 281.71 | 18 | 2.10 | ZPFA79 | 4P | 0.35 | 13375 | 3922 | 84 | 0.90 | ZPFA129R79 | 4G |
| 5.1 | 664 | 262.93 | 18 | 2.20 | ZPFAF79 | | 0.40 | 11766 | 3450 | 86 | 1.05 | ZPFAF129R79 | |
| 5.9 | 570 | 225.79 | 19 | 2.60 | ZPF79 | | 0.46 | 10327 | 3028 | 86 | 1.20 | ZPF129R79 | |
| 6.7 | 501 | 198.31 | 19 | 3.00 | ZPFF79 | | | | | | | ZPFF129R79 | |
| 4.6 | 737 | 195.39 | 10 | 1.05 | ZPFA69 | 6P | 0.59 | 8079 | 2369 | 46 | 0.95 | ZPFA109R79 ZPFAF109R79 ZPF109R79 ZPFF109R79 | 4P |
| 5.2 | 644 | 170.85 | 11 | 1.20 | ZPFAF69 | | 0.67 | 7053 | 2068 | 49 | 1.10 | | |
| 5.5 | 612 | 162.31 | 11 | 1.30 | ZPF69 | | 0.76 | 6227 | 1826 | 51 | 1.25 | | |
| 6.3 | 537 | 142.40 | 11 | 1.45 | ZPFF69 | | 0.87 | 5446 | 1597 | 53 | 1.40 | | |
| 7.4 | 456 | 120.79 | 12 | 1.75 | | | 0.99 | 4778 | 1401 | 54 | 1.60 | | |
| 5.8 | 578 | 228.99 | 11 | 1.40 | ZPFA69 ZPFAF69 ZPF69 ZPFF69 | 4P | 1.1 | 4239 | 1243 | 55 | 1.85 | | |
| 6.8 | 493 | 195.39 | 12 | 1.65 | | | 1.3 | 3707 | 1087 | 56 | 2.10 | | |
| 7.8 | 431 | 170.85 | 12 | 1.85 | | | 1.5 | 3240 | 950 | 57 | 2.40 | | |
| 8.2 | 410 | 162.31 | 12 | 1.95 | | | 1.7 | 2844 | 834 | 58 | 2.75 | | |
| 9.3 | 359 | 142.40 | 12 | 2.20 | | | 2.2 | 2183 | 640 | 59 | 3.55 | | |
| 11 | 305 | 120.79 | 12 | 2.70 | | | 1.0 | 4526 | 1327 | 28 | 0.95 | | |
| 5.6 | 596 | 157.09 | 8.6 | 0.95 | ZPFA59 | 6P | 1.2 | 3994 | 1171 | 29 | 1.05 | ZPFA99R59 ZPFAF99R59 ZPF99R59 ZPFF99R59 | 4P |
| 6.5 | 516 | 136.16 | 9.2 | 1.10 | ZPFAF59 | | 1.4 | 3485 | 1022 | 30 | 1.20 | | |
| 7.0 | 483 | 127.27 | 9.4 | 1.20 | ZPF59 | | 1.5 | 3062 | 898 | 32 | 1.40 | | |
| 8.0 | 417 | 110.01 | 10 | 1.40 | ZPFF59 | | 1.8 | 2677 | 785 | 32 | 1.60 | | |
| 6.7 | 504 | 199.70 | 9.4 | 1.15 | ZPFA59 ZPFAF59 ZPF59 ZPFF59 | 4P | 2.0 | 2353 | 690 | 33 | 1.85 | | |
| 7.2 | 463 | 183.60 | 10 | 1.30 | | | 2.3 | 2063 | 605 | 34 | 2.10 | | |
| 8.5 | 396 | 157.09 | 10 | 1.50 | | | 2.6 | 1804 | 529 | 34 | 2.40 | | |
| 9.8 | 344 | 136.16 | 10 | 1.70 | | | 3.0 | 1593 | 467 | 34 | 2.70 | | |
| 10 | 321 | 127.27 | 10 | 1.85 | | | 3.4 | 1385 | 406 | 35 | 3.10 | | |
| 12 | 278 | 110.01 | 11 | 2.10 | | | 3.8 | 1238 | 363 | 35 | 3.45 | | |
| 14 | 236 | 93.47 | 11 | 2.50 | | | 1.6 | 3025 | 887 | 17 | 1.00 | | |
| 16 | 211 | 83.46 | 11 | 2.80 | | | 1.8 | 2660 | 780 | 23 | 1.10 | | |
| 8.9 | 379 | 150.06 | 5.8 | 1.05 | ZPFA49 ZPFAF49 ZPF49 ZPFF49 | 4P | 2.1 | 2299 | 674 | 24 | 1.30 | | |
| 10 | 328 | 130.07 | 6.4 | 1.20 | | | 2.3 | 2077 | 609 | 25 | 1.45 | | |
| 13 | 265 | 105.09 | 7.0 | 1.50 | | | 2.7 | 1756 | 515 | 26 | 1.70 | | |
| 15 | 225 | 89.29 | 7.2 | 1.75 | | | 3.1 | 1541 | 452 | 26 | 1.95 | | |
| 17 | 201 | 79.72 | 7.4 | 1.95 | | | 4.0 | 1177 | 345 | 27 | 2.55 | | |
| 20 | 172 | 68.09 | 7.5 | 2.30 | | | 2.9 | 1637 | 480 | 14 | 0.90 | ZPFA79R39 | 4P |
| 20 | 165 | 65.36 | 7.5 | 2.40 | | | 3.4 | 1408 | 413 | 15 | 1.05 | ZPFAF79R39 | |
| 15 | 218 | 86.53 | 3.8 | 0.90 | ZPFA39 ZPFAF39 ZPF39 ZPFF39 | 4P | 3.8 | 1252 | 367 | 16 | 1.20 | ZPF79R39 | |
| 16 | 204 | 80.65 | 4.0 | 0.95 | | | 4.3 | 1102 | 323 | 17 | 1.35 | ZPFF79R39 | |
| 19 | 178 | 70.50 | 4.3 | 1.10 | | | 5.4 | 876 | 257 | 9.2 | 0.90 | ZPFA69R39 | 4P |
| 20 | 167 | 66.09 | 4.4 | 1.20 | | | 6.0 | 788 | 231 | 10 | 1.05 | ZPFAF69R39 | |
| 23 | 147 | 58.32 | 4.6 | 1.35 | | | 6.8 | 699 | 205 | 11 | 1.15 | ZPF69R39 | |
| 24 | 138 | 54.54 | 4.7 | 1.45 | | | 7.9 | 597 | 175 | 11 | 1.35 | ZPFF69R39 | |
| 26 | 130 | 51.70 | 4.8 | 1.50 | | | 2.4 | 2092 | 276.77 | 33 | 2.00 | ZPFA99 | 8P |
| 28 | 119 | 47.02 | 4.9 | 1.65 | | | 2.6 | 1916 | 253.41 | 34 | 2.20 | ZPFAF99 | |
| 30 | 111 | 43.95 | 4.9 | 1.80 | | | 2.9 | 1693 | 223.88 | 34 | 2.50 | ZPF99 | |
| 35 | 97 | 38.31 | 5.0 | 2.00 | | | | | | | | ZPFF99 | 8P |
| 37 | 91 | 35.91 | 5.0 | 2.20 | | | 2.4 | 2046 | 270.68 | 25 | 1.45 | ZPFA89 | |
| 42 | 80 | 31.69 | 5.0 | 2.50 | | | 2.6 | 1931 | 255.37 | 25 | 1.50 | ZPFAF89 | |
| 47 | 71 | 28.10 | 4.9 | 2.80 | | | 2.9 | 1731 | 228.93 | 26 | 1.70 | ZPF89 | |
| 56 | 60 | 23.88 | 4.7 | 3.30 | | | 3.3 | 1491 | 197.20 | 26 | 1.95 | ZPFF89 | |
| 0.55kW | | | | | | | 3.3 | 1518 | 270.68 | 26 | 1.90 | ZPFA89 | 6P |
| 0.22 | 21468 | 6295 | 87 | 0.90 | ZPFA159R99 | 4P | 3.5 | 1432 | 255.37 | 26 | 2.00 | ZPFAF89 | |
| 0.26 | 18430 | 5404 | 97 | 1.05 | ZPFAF159R99 | | 3.9 | 1284 | 228.93 | 27 | 2.20 | ZPF89 | |
| 0.50 | 9481 | 2780 | 113 | 2.00 | ZPF159R99 | | 4.5 | 1106 | 197.20 | 27 | 2.60 | ZPFF89 | |
| | | | | | ZPFF159R99 | | 4.9 | 1009 | 179.97 | 27 | 2.90 | | |

选型参数表

(恒功率) 0.55kW-0.75kW

Selection Table

(Constant Power) 0.55kW-0.75kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|--------|-------------------------|----------------|--------------------------------------|------------|--|------------------------|--------------------------------------|-------------------------|----------------|---|------------|--------|------|
| 0.55kW | | | | | | | 0.75kW | | | | | | | | |
| 3.9 | 1266 | 225.79 | 16 | 1.15 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 6P | 0.50 | 12928 | 2780 | 108 | 1.45 | ZYFA159R99 ZYFAF159R99 ZYF159R99 ZYFF159R99 | 4P | | |
| 4.5 | 1112 | 198.31 | 17 | 1.30 | | | | | | | | | | | |
| 4.7 | 1056 | 188.40 | 17 | 1.35 | | | | | | | | | | | |
| 5.3 | 933 | 166.47 | 17 | 1.55 | | | | | | | | | | | |
| 6.3 | 798 | 142.27 | 18 | 1.80 | | | | | | | | | | | |
| 6.8 | 731 | 130.42 | 18 | 1.95 | | | 0.57 | 11287 | 2427 | 110 | 1.70 | ZYFA159R99 2.40 ZYFAF159R99 3.10 ZYF159R99 3.50 ZYFF159R99 | 4P | | |
| 6.2 | 811 | 225.79 | 18 | 1.70 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 0.83 | 7785 | 1674 | 114 | 1.70 | | | | |
| 7.0 | 712 | 198.31 | 18 | 1.95 | | | 1.1 | 6083 | 1308 | 114 | 1.70 | | | | |
| 7.4 | 676 | 188.40 | 18 | 2.10 | | | 1.2 | 5436 | 1169 | 114 | 1.70 | | | | |
| 8.3 | 598 | 166.47 | 18 | 2.30 | | | ZYFA129R79 ZYFAF129R79 ZYF129R79 ZYFF129R79 | | | | | 4P | | | |
| 9.8 | 511 | 142.27 | 19 | 2.70 | | | 0.46 | 14082 | 3028 | 83 | 0.85 | | | | |
| 11 | 468 | 130.42 | 19 | 3.00 | | | 0.52 | 12412 | 2669 | 85 | 0.95 | | | | |
| 12 | 411 | 114.45 | 19 | 3.40 | | | 0.59 | 10947 | 2354 | 86 | 1.10 | | | | |
| 13 | 389 | 108.46 | 19 | 3.60 | | | 0.68 | 9464 | 2035 | 86 | 1.25 | | | | |
| 15 | 341 | 94.93 | 19 | 4.10 | | | 0.78 | 8287 | 1782 | 86 | 1.45 | ZYFA109R79 ZYFAF109R79 ZYF109R79 ZYFF109R79 | 4P | | |
| 7.1 | 701 | 195.39 | 10 | 1.10 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 4P | 0.87 | 7464 | 1605 | 86 | 1.60 | | | | |
| 8.1 | 613 | 170.85 | 11 | 1.25 | | | 0.76 | 8492 | 1826 | 46 | 0.90 | | | | |
| 8.6 | 583 | 162.31 | 11 | 1.30 | | | 0.87 | 7427 | 1597 | 48 | 1.05 | | | | |
| 9.8 | 511 | 142.40 | 12 | 1.50 | | | 0.99 | 6515 | 1401 | 50 | 1.20 | | | | |
| 12 | 434 | 120.79 | 12 | 1.75 | | | 1.1 | 5781 | 1243 | 52 | 1.35 | | | | |
| 13 | 391 | 109.04 | 12 | 1.95 | | | 1.3 | 5055 | 1087 | 53 | 1.50 | | | | |
| 14 | 344 | 95.94 | 12 | 2.20 | | | 1.5 | 4418 | 950 | 55 | 1.75 | | | | |
| 15 | 325 | 90.59 | 12 | 2.30 | | | 1.7 | 3878 | 834 | 56 | 2.00 | | | | |
| 17 | 286 | 79.76 | 12 | 2.70 | | | 2.2 | 2976 | 640 | 57 | 2.60 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 4P | | |
| 8.8 | 564 | 157.09 | 8.7 | 1.00 | ZYFA59 ZYFAF59 ZYF59 ZYFF59 | 4P | 3.2 | 2028 | 436 | 59 | 3.85 | | | | |
| 10 | 489 | 136.16 | 9.3 | 1.15 | | | 1.4 | 4753 | 1022 | 22 | 0.90 | | | | |
| 11 | 457 | 127.27 | 9.5 | 1.20 | | | 1.5 | 4176 | 898 | 29 | 1.00 | | | | |
| 13 | 395 | 110.01 | 10 | 1.40 | | | 1.8 | 3651 | 785 | 30 | 1.20 | | | | |
| 15 | 336 | 93.47 | 10 | 1.65 | | | 2.0 | 3209 | 690 | 31 | 1.35 | | | | |
| 17 | 300 | 83.46 | 10 | 1.85 | | | 2.3 | 2814 | 605 | 32 | 1.55 | | | | |
| 19 | 262 | 72.98 | 11 | 2.10 | | | 2.6 | 2460 | 529 | 33 | 1.75 | | | | |
| 20 | 245 | 68.22 | 11 | 2.30 | | | 3.0 | 2172 | 467 | 33 | 2.00 | | | | |
| 24 | 212 | 58.97 | 11 | 2.60 | | | 3.4 | 1888 | 406 | 34 | 2.30 | ZYFA89R59 ZYFAF89R59 ZYF89R59 ZYFF89R59 | 4P | | |
| 13 | 377 | 105.09 | 5.5 | 1.00 | ZYFA49 ZYFAF49 ZYF49 ZYFF49 | 4P | 3.8 | 1688 | 363 | 34 | 2.55 | | | | |
| 16 | 321 | 89.29 | 6.3 | 1.15 | | | 2.1 | 3134 | 674 | 14 | 0.95 | | | | |
| 17 | 286 | 79.72 | 6.6 | 1.30 | | | 2.3 | 2832 | 609 | 22 | 1.05 | | | | |
| 20 | 244 | 68.09 | 7.0 | 1.50 | | | 2.7 | 2395 | 515 | 24 | 1.25 | | | | |
| 21 | 235 | 65.36 | 7.1 | 1.60 | | | 3.1 | 2102 | 452 | 25 | 1.45 | | | | |
| 25 | 203 | 56.49 | 7.3 | 1.85 | | | 4.0 | 1604 | 345 | 26 | 1.85 | | | | |
| 29 | 172 | 48.00 | 7.3 | 2.20 | | | 3.8 | 1707 | 367 | 13 | 0.85 | | | | |
| 32 | 154 | 42.86 | 7.5 | 2.40 | | | 4.3 | 1502 | 323 | 15 | 1.00 | | | | |
| 24 | 209 | 58.32 | 3.7 | 0.90 | ZYFA39 ZYFAF39 ZYF39 ZYFF39 | 4P | 5.0 | 1302 | 280 | 16 | 1.15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 4P | | |
| 25 | 196 | 54.54 | 3.9 | 0.95 | | | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 8P | | | | | | | |
| 27 | 186 | 51.70 | 4.1 | 1.00 | | | | | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 8P | | | | | |
| 30 | 169 | 47.02 | 4.3 | 1.10 | | | | | | | 2.7 | 2509 | | 254.40 | 58 |
| 32 | 158 | 43.95 | 4.4 | 1.20 | | | | | | | 2.5 | 2729 | 276.77 | 32 | 1.55 |
| 36 | 138 | 38.31 | 4.7 | 1.35 | | | | | | | 2.7 | 2499 | 253.41 | 32 | 1.70 |
| 39 | 129 | 35.91 | 4.7 | 1.45 | | | | | | | 3.1 | 2208 | 223.88 | 33 | 1.90 |
| 44 | 114 | 31.69 | 4.7 | 1.65 | | | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 6P | | | | | | | |
| 49 | 101 | 28.10 | 4.6 | 1.85 | | | | | 3.3 | 2070 | 276.77 | 33 | 1.95 | | |
| 58 | 86 | 23.88 | 4.5 | 2.20 | | | | | 3.6 | 1895 | 253.41 | 34 | 2.10 | | |
| 59 | 85 | 23.63 | 4.5 | 2.20 | 4.1 | 1674 | | | 223.88 | 34 | 2.40 | | | | |
| 68 | 74 | 20.57 | 4.3 | 2.50 | | | | | | | | | | | |
| 72 | 69 | 19.27 | 4.2 | 2.70 | | | | | | | | | | | |
| 82 | 61 | 17.03 | 4.1 | 3.00 | | | | | | | | | | | |
| 97 | 51 | 14.33 | 3.9 | 3.60 | | | | | | | | | | | |

选型参数表

(恒功率) 0.75kW-1.1kW

Selection Table

(Constant Power) 0.75kW-1.1kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|------------------|------------|
| 0.75kW | | | | | | | 0.75kW | | | | | | |
| 3.4 | 2024 | 270.68 | 25 | 1.40 | | | 59 | 112 | 23.63 | 4.2 | 1.65 | | |
| 3.6 | 1909 | 255.37 | 25 | 1.50 | ZYFA89 | | 68 | 98 | 20.57 | 4.1 | 1.85 | ZYFA39 | |
| 4.0 | 1712 | 228.93 | 26 | 1.65 | ZYFAF89 | 6P | 72 | 91 | 19.27 | 4.0 | 2.00 | ZYFAF39 | 4P |
| 4.6 | 1475 | 197.20 | 26 | 1.90 | ZYF89 | | 82 | 81 | 17.03 | 3.9 | 2.30 | ZYF39 | |
| 5.1 | 1346 | 179.97 | 27 | 2.10 | ZYFF89 | | 97 | 68 | 14.33 | 3.8 | 2.70 | ZYFF39 | |
| 5.7 | 1193 | 159.61 | 27 | 2.40 | | | 108 | 61 | 12.87 | 3.7 | 3.00 | | |
| 5.1 | 1325 | 270.68 | 27 | 2.10 | ZYFA89 | | 1.1kW | | | | | | |
| 5.4 | 1250 | 255.37 | 27 | 2.30 | ZYFAF89 | 4P | | | | | | ZYFA159R99 | |
| 6.1 | 1121 | 228.93 | 27 | 2.50 | ZYF89 | | 0.50 | 18826 | 2780 | 95 | 0.95 | ZYFAF159R99 | 4P |
| | | | | | ZYFF89 | | | | | | | ZYF159R99 | |
| 4.6 | 1483 | 198.31 | 14 | 0.95 | ZYFA79 | | | | | | | ZYFF159R99 | |
| 4.8 | 1409 | 188.40 | 15 | 1.00 | ZYFAF79 | 6P | 0.58 | 16436 | 2427 | 101 | 1.10 | | |
| 5.5 | 1245 | 166.47 | 16 | 1.15 | ZYF79 | | 0.64 | 14797 | 2185 | 104 | 1.20 | | |
| 6.4 | 1064 | 142.27 | 17 | 1.30 | ZYFF79 | | 0.72 | 13165 | 1944 | 107 | 1.35 | | |
| 7.0 | 975 | 130.42 | 17 | 1.45 | | | 0.84 | 11336 | 1674 | 110 | 1.60 | ZYFA159R99 | |
| 6.2 | 1325 | 225.79 | 17 | 1.30 | ZYFA79 | | 1.1 | 8858 | 1308 | 113 | 2.00 | ZYFAF159R99 | 4P |
| 7.0 | 1250 | 198.31 | 17 | 1.45 | ZYFAF79 | 4P | 1.2 | 7916 | 1169 | 114 | 2.25 | ZYF159R99 | |
| 7.4 | 1121 | 188.40 | 17 | 1.55 | ZYF79 | | 1.5 | 6454 | 953 | 114 | 2.75 | ZYFF159R99 | |
| | | | | | ZYFF79 | | 1.7 | 5722 | 845 | 114 | 3.15 | | |
| 8.3 | 971 | 166.47 | 18 | 1.75 | ZYFA79 | | 3.1 | 3020 | 446 | 114 | 5.95 | | |
| 9.8 | 922 | 142.27 | 18 | 2.00 | ZYFAF79 | 4P | 4.6 | 2045 | 302 | 114 | 8.65 | | |
| 11 | 815 | 130.42 | 18 | 2.20 | ZYF79 | | 0.69 | 13781 | 2035 | 83 | 0.85 | | |
| 12 | 696 | 114.45 | 19 | 2.50 | ZYFF79 | | 0.79 | 12068 | 1782 | 86 | 1.00 | ZYFA129R79 | |
| 13 | 638 | 108.46 | 19 | 2.70 | | | 0.87 | 10869 | 1605 | 86 | 1.10 | ZYFAF129R79 | 4P |
| 8.1 | 810 | 170.85 | 9.2 | 0.90 | ZYFA69 | | 1.0 | 9406 | 1389 | 86 | 1.25 | ZYF129R79 | |
| 8.6 | 769 | 162.31 | 10 | 0.95 | ZYFAF69 | 4P | 1.1 | 8255 | 1219 | 86 | 1.45 | ZYFF129R79 | |
| 9.8 | 675 | 142.40 | 10 | 1.10 | ZYF69 | | 1.3 | 7280 | 1075 | 86 | 1.65 | | |
| 12 | 573 | 120.79 | 11 | 1.30 | ZYFF69 | | 1.1 | 8418 | 1243 | 46 | 0.95 | | |
| 13 | 517 | 109.04 | 11 | 1.45 | | | 1.3 | 7361 | 1087 | 48 | 1.05 | ZYFA109R79 | |
| 14 | 455 | 95.94 | 12 | 1.65 | ZYFA69 | | 1.5 | 6433 | 950 | 50 | 1.20 | ZYFAF109R79 | 4P |
| 15 | 429 | 90.59 | 12 | 1.75 | ZYFAF69 | 4P | 1.7 | 5648 | 834 | 52 | 1.40 | ZYF109R79 | |
| 17 | 378 | 79.76 | 12 | 2.00 | ZYF69 | | 1.9 | 4984 | 736 | 54 | 1.55 | ZYFF109R79 | |
| 21 | 321 | 67.65 | 12 | 2.30 | ZYFF69 | | 2.2 | 4334 | 640 | 55 | 1.80 | | |
| 23 | 290 | 61.07 | 12 | 2.60 | | | 2.0 | 4673 | 690 | 26 | 0.90 | | |
| 11 | 603 | 127.27 | 5.0 | 0.90 | | | 2.3 | 4097 | 605 | 29 | 1.05 | ZYFA99R59 | |
| 13 | 522 | 110.01 | 8.9 | 1.05 | | | 2.6 | 3582 | 529 | 30 | 1.20 | ZYFAF99R59 | 4P |
| 15 | 443 | 93.47 | 10 | 1.25 | ZYFA59 | | 3.0 | 3163 | 467 | 31 | 1.35 | ZYF99R59 | |
| 17 | 396 | 83.46 | 10 | 1.40 | ZYFAF59 | 4P | 3.4 | 2749 | 406 | 32 | 1.55 | ZYFF99R59 | |
| 19 | 346 | 72.98 | 10 | 1.60 | ZYF59 | | 3.9 | 2458 | 363 | 33 | 1.75 | | |
| 20 | 323 | 68.22 | 10 | 1.70 | ZYFF59 | | 3.1 | 3061 | 452 | 16 | 1.00 | ZYFA89R59 | |
| 24 | 280 | 58.97 | 11 | 1.95 | | | 4.1 | 2336 | 345 | 24 | 1.30 | ZYFAF89R59 | 4P |
| 28 | 238 | 50.10 | 11 | 2.30 | | | 4.7 | 2032 | 300 | 25 | 1.50 | ZYF89R59 | |
| 31 | 212 | 44.73 | 11 | 2.60 | | | 5.6 | 1686 | 249 | 26 | 1.80 | ZYFF89R59 | |
| 17 | 378 | 79.72 | 4.8 | 0.95 | ZYFA49 | | 2.7 | 3679 | 254.40 | 56 | 1.95 | ZYFA109 | |
| 20 | 323 | 68.09 | 6.2 | 1.15 | ZYFAF49 | 4P | 3.2 | 3115 | 215.37 | 57 | 2.30 | ZYFAF109 | 8P |
| 21 | 310 | 65.36 | 6.3 | 1.20 | ZYF49 | | 3.5 | 2883 | 199.31 | 57 | 2.50 | ZYF109 | |
| | | | | | ZYFF49 | | 3.9 | 2584 | 178.64 | 58 | 2.80 | ZYFF109 | |
| 25 | 268 | 56.49 | 6.8 | 1.35 | | | 3.3 | 3035 | 276.77 | 31 | 1.35 | ZYFA99 | |
| 29 | 228 | 48.00 | 7.1 | 1.60 | ZYFA49 | | 3.6 | 3719 | 253.41 | 32 | 1.50 | ZYFAF99 | 6P |
| 32 | 203 | 42.86 | 7.3 | 1.80 | ZYFAF49 | 4P | 4.1 | 2455 | 223.88 | 33 | 1.70 | ZYF99 | |
| 38 | 174 | 36.61 | 7.4 | 2.10 | ZYF49 | | 4.8 | 2787 | 189.92 | 33 | 2.00 | ZYFF99 | |
| 41 | 163 | 34.29 | 7.5 | 2.20 | ZYFF49 | | 5.2 | 1918 | 174.87 | 34 | 2.20 | | |
| 48 | 137 | 28.88 | 7.2 | 2.70 | | | 5.1 | 1973 | 276.77 | 33 | 2.10 | ZYFA99 | |
| 30 | 223 | 47.02 | 3.4 | 0.80 | | | 5.5 | 1806 | 253.41 | 34 | 2.30 | ZYFAF99 | 4P |
| 32 | 208 | 43.95 | 3.7 | 0.90 | ZYFA39 | | 6.3 | 1596 | 223.88 | 34 | 2.60 | ZYF99 | |
| 36 | 182 | 38.31 | 4.1 | 1.00 | ZYFAF39 | 4P | | | | | | ZYFF99 | |
| 39 | 170 | 35.91 | 4.3 | 1.05 | ZYF39 | | | | | | | | |
| 44 | 150 | 31.69 | 4.4 | 1.20 | ZYFF39 | | | | | | | | |
| 49 | 133 | 28.10 | 4.3 | 1.35 | | | | | | | | | |

选型参数表

(恒功率) 1.1kW-1.5kW

Selection Table

(Constant Power) 1.1kW-1.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|--------|-------------------------|----------------|---------------------------------------|------------|--|------------------------|--------|-------------------------|----------------|--|------------|--|----|
| 1.1kW | | | | | | | 1.1kW | | | | | | | | |
| 3.4 | 2968 | 270.68 | 15 | 0.95 | ZYFA89 ZYFAF89 ZYF89Z ZYFF89 | 6P | 44 | 226 | 31.69 | 3.5 | 0.85 | ZYFA39 ZYFAF39 ZYF39 ZYFF39 | 4P | | |
| 3.6 | 2801 | 255.37 | 22 | 1.05 | | | 50 | 200 | 28.10 | 3.8 | 0.95 | | | | |
| 4.0 | 2511 | 228.93 | 23 | 1.15 | | | 59 | 170 | 23.88 | 3.7 | 1.10 | | | | |
| 4.6 | 2163 | 197.20 | 24 | 1.35 | | | 68 | 147 | 20.57 | 3.7 | 1.30 | | | | |
| 5.1 | 1974 | 179.97 | 25 | 1.45 | | | 73 | 137 | 19.27 | 3.6 | 1.40 | ZYFA39 ZYFAF39 ZYF39 ZYFF39 | 4P | | |
| 5.7 | 1750 | 159.61 | 26 | 1.65 | | | 82 | 121 | 17.03 | 3.6 | 1.55 | | | | |
| 5.2 | 1930 | 270.68 | 25 | 1.50 | 98 | 102 | 14.33 | 3.5 | 1.85 | | | | | | |
| 5.5 | 1820 | 255.37 | 25 | 1.55 | 109 | 92 | 12.87 | 3.4 | 2.10 | | | | | | |
| 6.1 | 1632 | 228.93 | 26 | 1.75 | 126 | 79 | 11.08 | 3.3 | 2.30 | | | | | | |
| 7.1 | 1406 | 197.20 | 27 | 2.00 | 134 | 74 | 10.42 | 3.3 | 2.40 | | | | | | |
| 7.8 | 1283 | 179.97 | 27 | 2.20 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | 4P | 156 | 64 | 8.97 | 3.2 | 2.60 | 1.5kW | | | |
| 8.8 | 1138 | 159.61 | 27 | 2.50 | | | 0.58 | 22412 | 2427 | 82 | 0.80 | | | | |
| 10 | 956 | 134.16 | 28 | 3.00 | | | 0.64 | 20177 | 2185 | 90 | 0.90 | | | | |
| 11 | 879 | 123.29 | 28 | 3.20 | | | 0.72 | 17952 | 1944 | 97 | 1.00 | | | | |
| 7.1 | 1414 | 198.31 | 15 | 1.00 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 0.84 | 15459 | 1674 | 102 | 1.15 | | | ZYFA159R99 ZYFAF159R99 ZYF159R99 ZYFF159R99 | 4P |
| 7.4 | 1343 | 188.40 | 15 | 1.05 | | | 1.1 | 12079 | 1308 | 109 | 1.50 | | | | |
| 8.4 | 1187 | 166.47 | 16 | 1.20 | | | 1.2 | 10795 | 1169 | 111 | 1.65 | | | | |
| 9.8 | 1014 | 142.27 | 17 | 1.40 | | | 1.5 | 8800 | 953 | 113 | 2.05 | | | | |
| 11 | 930 | 130.42 | 17 | 1.55 | 1.7 | 7803 | 845 | 114 | 2.30 | | | | | | |
| 12 | 816 | 114.45 | 18 | 1.75 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 3.1 | 4119 | 446 | 114 | 4.35 | | | | |
| 13 | 773 | 108.46 | 18 | 1.85 | | | 4.6 | 2789 | 302 | 114 | 6.35 | | | | |
| 15 | 677 | 94.93 | 18 | 2.10 | | | 0.87 | 14821 | 1605 | 81 | 0.80 | | | | |
| 16 | 610 | 85.52 | 18 | 2.30 | | | 1.0 | 12827 | 1389 | 85 | 0.95 | | | | |
| 19 | 535 | 75.02 | 19 | 2.70 | | | 1.1 | 11257 | 1219 | 86 | 1.05 | | | | |
| 12 | 861 | 120.79 | 9.0 | 0.90 | | | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 4P | 1.3 | 9927 | 1075 | 86 | 1.20 | | |
| 13 | 777 | 109.04 | 10 | 1.00 | 1.5 | 8579 | | | 929 | 86 | 1.40 | | | | |
| 15 | 684 | 95.94 | 11 | 1.15 | 1.7 | 7563 | | | 819 | 86 | 1.60 | | | | |
| 15 | 646 | 90.59 | 11 | 1.20 | 1.9 | 6704 | | | 726 | 86 | 1.80 | | | | |
| 18 | 569 | 79.76 | 11 | 1.35 | 2.2 | 5975 | | | 647 | 86 | 2.05 | | | | |
| 21 | 482 | 67.65 | 12 | 1.60 | 1.5 | 8773 | | | 950 | 45 | 0.90 | | | | |
| 23 | 435 | 61.07 | 12 | 1.80 | 1.7 | 7702 | | | 834 | 47 | 1.00 | | | | |
| 26 | 383 | 53.73 | 12 | 2.00 | 1.9 | 6797 | | | 736 | 50 | 1.15 | | | | |
| 28 | 362 | 50.74 | 12 | 2.20 | 2.2 | 5910 | | | 640 | 52 | 1.30 | | | | |
| 32 | 308 | 43.20 | 12 | 2.50 | 2.5 | 5171 | | | 560 | 53 | 1.50 | | | | |
| 36 | 280 | 39.26 | 12 | 2.70 | 2.9 | 4516 | | | 489 | 55 | 1.75 | | | | |
| 41 | 242 | 34.01 | 12 | 2.90 | 3.2 | 4026 | | | 436 | 55 | 1.95 | | | | |
| 17 | 595 | 83.46 | 8.0 | 0.95 | ZYFA59 ZYFAF59 ZYF59 ZYFF59 | 4P | 3.8 | 3417 | 370 | 57 | 2.30 | | | | |
| 19 | 520 | 72.98 | 9.1 | 1.10 | | | 2.6 | 4885 | 529 | 19 | 0.90 | | | | |
| 21 | 486 | 68.22 | 9.3 | 1.15 | | | 3.0 | 4313 | 467 | 28 | 1.00 | | | | |
| 24 | 420 | 58.97 | 10 | 1.35 | | | 3.4 | 3749 | 406 | 30 | 1.15 | | | | |
| 28 | 357 | 50.10 | 10 | 1.60 | | | 3.9 | 3352 | 363 | 31 | 1.30 | | | | |
| 31 | 319 | 44.73 | 10 | 1.80 | | | ZYFA89R59 ZYFAF89R59 ZYF89R59 ZYFF89R59 | | | | | | | | |
| 37 | 272 | 38.21 | 10 | 2.10 | | | | | | | | | | | |
| 39 | 255 | 35.79 | 10 | 2.20 | | | 4.7 | 2770 | 300 | 23 | 1.10 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P | | |
| 46 | 215 | 30.15 | 9.3 | 2.60 | 5.6 | 2299 | 249 | 24 | 1.30 | | | | | | |
| 25 | 403 | 56.49 | 3.5 | 0.95 | ZYFA49 ZYFAF49 ZYF49 ZYFF49 | 4P | 2.7 | 5091 | 254.40 | 53 | 1.50 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 8P | | |
| 29 | 342 | 48.00 | 6.1 | 1.10 | | | 3.2 | 4310 | 215.37 | 55 | 1.75 | | | | |
| 33 | 306 | 42.86 | 6.5 | 1.25 | | | 3.4 | 3989 | 199.31 | 55 | 1.90 | | | | |
| 38 | 261 | 36.61 | 6.9 | 1.45 | | | 3.8 | 3575 | 178.64 | 56 | 2.10 | | | | |
| 41 | 244 | 34.29 | 6.9 | 1.55 | ZYFA49 ZYFAF49 ZYF49 ZYFF49 | 4P | 3.7 | 3683 | 254.40 | 56 | 1.95 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 6P | | |
| 48 | 206 | 28.88 | 6.7 | 1.85 | | | 4.4 | 3118 | 215.37 | 57 | 2.30 | | | | |
| 45 | 220 | 30.86 | 6.8 | 1.75 | | | 4.7 | 2885 | 199.31 | 57 | 2.50 | | | | |
| 48 | 209 | 29.32 | 6.7 | 1.80 | | | 5.3 | 2586 | 178.64 | 58 | 2.80 | | | | |
| 54 | 183 | 25.72 | 6.5 | 2.10 | | | | | | | | | | | |
| 64 | 156 | 21.82 | 6.3 | 2.40 | | | | | | | | | | | |
| 71 | 140 | 19.70 | 6.2 | 2.70 | | | | | | | | | | | |

选型参数表

(恒功率) 1.5kW-2.2kW

Selection Table

(Constant Power) 1.5kW-2.2kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|--------|-------------------------|----------------|--------------------------------------|------------|---------------------------|------------------------|-------|-------------------------|---|--|------------|--|----|
| 1.5kW | | | | | | | 1.5kW | | | | | | | | |
| 3.4 | 4007 | 276.77 | 28 | 1.00 | ZYFA99 | 6P | 33 | 417 | 42.86 | 0.5 | 0.90 | ZYFA49 | 4P | | |
| 3.7 | 3669 | 253.41 | 29 | 1.10 | ZYFAF99 | | 38 | 356 | 36.61 | 6.0 | 1.10 | ZYFAF49 | | | |
| 4.2 | 3241 | 223.88 | 30 | 1.25 | ZYF99 | | 41 | 333 | 34.29 | 6.3 | 1.15 | ZYF49 | | | |
| 4.9 | 2750 | 189.92 | 32 | 1.45 | ZYFF99 | | 48 | 281 | 28.88 | 6.2 | 1.35 | ZYFF49 | | | |
| 5.4 | 2532 | 174.87 | 32 | 1.60 | | | 45 | 300 | 30.86 | 6.2 | 1.30 | | | | |
| 5.1 | 2690 | 276.77 | 32 | 1.55 | ZYFA99 | 4P | 48 | 285 | 29.32 | 6.2 | 1.35 | ZYFA49 ZYFAF49 ZYF49 ZYFF49 | 4P | | |
| 5.5 | 2463 | 253.41 | 33 | 1.65 | ZYFAF99 | | 54 | 250 | 25.72 | 6.1 | 1.55 | | | | |
| 6.3 | 2176 | 223.88 | 33 | 1.90 | ZYF99 | | 64 | 212 | 21.82 | 5.9 | 1.80 | | | | |
| 7.4 | 1846 | 189.92 | 34 | 2.20 | ZYFF99 | | 71 | 191 | 19.70 | 5.8 | 2.00 | | | | |
| 8.0 | 1700 | 174.87 | 34 | 2.40 | | | 81 | 168 | 17.33 | 5.7 | 2.30 | | | | |
| 5.2 | 2631 | 270.68 | 23 | 1.10 | ZYFA89 | 4P | 86 | 159 | 16.36 | 5.6 | 2.40 | ZYFA39 ZYFAF39 ZYF39 ZYFF39 | 4P | | |
| 5.5 | 2482 | 255.37 | 23 | 1.15 | ZYFAF89 | | 101 | 135 | 13.93 | 5.4 | 2.80 | | | | |
| 6.1 | 2225 | 228.93 | 24 | 1.30 | ZYF89 | | 68 | 200 | 20.57 | 3.2 | 0.95 | | | | |
| 7.1 | 1917 | 197.20 | 25 | 1.50 | ZYFF89 | | 73 | 187 | 19.27 | 3.2 | 1.00 | | | | |
| 7.8 | 1749 | 179.97 | 26 | 1.65 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | | 82 | 166 | 17.03 | 3.2 | 1.15 | | | | |
| 8.8 | 1551 | 159.61 | 26 | 1.85 | | 98 | 139 | 14.33 | 3.2 | 1.35 | | | | | |
| 10 | 1304 | 134.16 | 27 | 2.20 | | 109 | 125 | 12.87 | 3.1 | 1.55 | | | | | |
| 13 | 1064 | 109.49 | 27 | 2.70 | | 126 | 108 | 11.08 | 3.1 | 1.70 | | | | | |
| 14 | 952 | 97.89 | 28 | 3.00 | | 134 | 101 | 10.42 | 3.1 | 1.75 | | | | | |
| 8.4 | 1618 | 166.47 | 14 | 0.90 | ZYFA79 | 4P | 156 | 87 | 8.97 | 3.0 | 1.90 | ZYFA159R99 ZYFAF159R99 ZYF159R99 ZYFF159R99 | 4P | | |
| 9.8 | 1383 | 142.27 | 15 | 1.05 | ZYFAF79 | | 174 | 78 | 8.03 | 2.9 | 2.10 | | | | |
| 11 | 1268 | 130.42 | 16 | 1.15 | ZYF79 | | 2.2kW | | | | | | | | |
| 12 | 1113 | 114.45 | 17 | 1.30 | ZYFF79 | | 0.99 | 19107 | 1441 | 93 | 0.95 | | | | |
| 13 | 1054 | 108.46 | 17 | 1.35 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | | 1.1 | 17344 | 1308 | 96 | 1.05 | | | ZYFA159R99 ZYFAF159R99 ZYF159R99 ZYFF159R99 | 4P |
| 15 | 923 | 94.93 | 17 | 1.55 | | 1.2 | 15501 | 1169 | 101 | 1.15 | | | | | |
| 16 | 831 | 85.52 | 18 | 1.75 | | 1.5 | 12637 | 953 | 107 | 1.40 | | | | | |
| 19 | 729 | 75.02 | 18 | 1.95 | | 1.7 | 11205 | 845 | 110 | 1.60 | | | | | |
| 19 | 705 | 72.50 | 18 | 2.00 | | 1.9 | 10130 | 764 | 111 | 1.75 | | | | | |
| 21 | 646 | 66.46 | 18 | 2.20 | | 2.1 | 9017 | 680 | 113 | 1.95 | | | | | |
| 24 | 567 | 58.32 | 19 | 2.50 | | 2.5 | 7638 | 576 | 114 | 2.30 | | | | | |
| 25 | 537 | 55.27 | 19 | 2.70 | | 3.2 | 5914 | 446 | 114 | 3.00 | | | | | |
| 29 | 470 | 48.37 | 19 | 3.00 | | 4.7 | 4004 | 302 | 114 | 4.40 | | | | | |
| 32 | 424 | 43.58 | 19 | 3.40 | | 5.2 | 3620 | 273 | 114 | 4.85 | | | | | |
| 37 | 372 | 38.23 | 19 | 3.90 | | 6.2 | 3076 | 232 | 114 | 5.70 | | | | | |
| 38 | 356 | 36.58 | 19 | 3.00 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 7.3 | 2612 | 197 | 114 | 6.90 | ZYFA129R79 ZYFAF129R79 ZYF129R79 ZYFF129R79 | 4P | | | |
| 44 | 306 | 31.51 | 19 | 4.30 | | 1.3 | 14254 | 1075 | 81 | 0.85 | | | | | |
| 15 | 881 | 90.59 | 8.8 | 0.90 | | 1.5 | 12318 | 929 | 85 | 1.00 | | | | | |
| 18 | 775 | 79.76 | 10 | 1.00 | | 1.7 | 10860 | 819 | 86 | 1.10 | | | | | |
| 21 | 658 | 67.65 | 11 | 1.20 | | 2.0 | 9627 | 726 | 86 | 1.25 | | | | | |
| 23 | 594 | 61.07 | 11 | 1.30 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 2.2 | 8579 | 647 | 86 | 1.40 | ZYFA109R79 1.20 ZYFAF109R79 1.35 ZYF109R79 1.60 ZYFF109R79 | 4P | | | |
| 26 | 522 | 53.73 | 12 | 1.50 | | 2.6 | 7266 | 548 | 86 | 1.65 | | | | | |
| 28 | 493 | 50.74 | 12 | 1.60 | | 2.9 | 6550 | 494 | 86 | 1.80 | | | | | |
| 32 | 420 | 43.20 | 12 | 1.85 | | 3.3 | 5675 | 428 | 86 | 2.10 | | | | | |
| 36 | 382 | 39.26 | 12 | 1.95 | | 2.2 | 8486 | 640 | 45 | 0.90 | | | | | |
| 39 | 353 | 36.30 | 12 | 2.20 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 2.6 | 7425 | 560 | 48 | 1.05 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 4P | | | |
| 44 | 312 | 32.08 | 12 | 2.50 | | 2.9 | 6484 | 489 | 50 | | | | | | |
| 51 | 266 | 27.41 | 12 | 2.90 | | 3.3 | 5781 | 436 | 51 | | | | | | |
| 56 | 244 | 25.13 | 12 | 3.20 | | 3.9 | 4906 | 370 | 53 | | | | | | |
| 24 | 573 | 58.97 | 8.7 | 1.00 | | 4.3 | 4416 | 333 | 54 | | | | | | |
| 28 | 487 | 50.10 | 9.4 | 1.20 | ZYFA59 ZYFAF59 ZYF59 ZYFF59 | 5.0 | 3779 | 285 | 30 | 1.15 | | | | | |
| 31 | 435 | 44.73 | 9.5 | 1.30 | | 5.8 | 3249 | 245 | 31 | 1.30 | | | | | |
| 37 | 371 | 38.21 | 9.3 | 1.55 | | | | | | | | | | | |
| 39 | 348 | 35.79 | 9.1 | 1.65 | | | | | | | | | | | |
| 46 | 293 | 30.15 | 8.8 | 1.95 | | | | | | | | | | | |

选型参数表

(恒功率) 2.2kW-3kW

Selection Table

(Constant Power) 2.2kW-3kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--------------------------------------|------------|---------------------------|------------------------|-------|-------------------------|--------------------------------------|--|------------|
| 2.2kW | | | | | | | 2.2kW | | | | | | |
| 2.8 | 7152 | 254.40 | 47 | 1.00 | ZYFA109 | 8P | 45 | 448 | 32.08 | 12 | 1.70 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 4P |
| 3.3 | 6054 | 215.37 | 50 | 1.20 | ZYFAF109 | | 52 | 383 | 27.41 | 12 | 2.00 | | |
| 3.6 | 5603 | 199.31 | 51 | 1.30 | ZYF109 | | 57 | 351 | 25.13 | 12 | 2.20 | | |
| 4.0 | 5022 | 178.64 | 53 | 1.45 | ZYFF109 | | 65 | 308 | 22.05 | 12 | 2.50 | | |
| 3.7 | 5402 | 254.40 | 52 | 1.35 | ZYFA109 | 6P | 68 | 292 | 20.90 | 12 | 2.60 | | |
| 4.4 | 4573 | 215.37 | 54 | 1.60 | ZYFAF109 | | 78 | 255 | 18.29 | 12 | 3.00 | | |
| 4.7 | 4232 | 199.31 | 55 | 1.70 | ZYF109 | | 32 | 624 | 44.73 | 4.3 | 0.90 | ZYFA59 | 4P |
| 5.3 | 3793 | 178.64 | 55 | 1.90 | ZYFF109 | 37 | 533 | 38.21 | 8.2 | 1.05 | ZYFAF59 | | |
| 5.6 | 3551 | 254.40 | 56 | 2.00 | ZYFA109 | 40 | 500 | 35.79 | 8.2 | 1.15 | ZYF59 | | |
| 6.6 | 3006 | 215.37 | 57 | 2.40 | ZYFAF109 | 47 | 421 | 30.15 | 8.0 | 1.30 | ZYFF59 | | |
| 7.2 | 2782 | 199.31 | 57 | 2.60 | ZYF109 | 4P | 57 | 348 | 24.96 | 7.8 | 1.55 | ZYFA59 | 4P |
| 8.0 | 2493 | 178.64 | 58 | 2.90 | ZYFF109 | | 68 | 295 | 21.17 | 7.6 | 1.90 | ZYFAF59 | |
| 4.2 | 4754 | 223.88 | 12 | 0.85 | ZYFA99 | | 75 | 267 | 19.11 | 7.5 | 2.10 | ZYF59 | |
| 4.9 | 4033 | 189.92 | 29 | 1.00 | ZYFAF99 | | 85 | 235 | 16.81 | 7.3 | 2.40 | ZYFF59 | |
| 5.4 | 3713 | 174.87 | 29 | 1.10 | ZYF99 | 6P | 90 | 222 | 15.88 | 7.2 | 2.50 | ZYFA49 ZYFAF49 ZYF49 ZYFF49 | 4P |
| 6.0 | 3319 | 156.30 | 30 | 1.25 | ZYFF99 | | 56 | 359 | 25.72 | 5.3 | 1.05 | | |
| 5.2 | 3863 | 276.77 | 29 | 1.05 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | | 66 | 305 | 21.82 | 5.2 | 1.25 | | |
| 5.6 | 3537 | 253.41 | 30 | 1.15 | | | 73 | 275 | 19.70 | 5.2 | 1.35 | | |
| 6.4 | 3125 | 223.88 | 31 | 1.30 | | | 83 | 242 | 17.33 | 5.1 | 1.55 | | |
| 7.5 | 2651 | 189.92 | 32 | 1.50 | | | 87 | 228 | 16.36 | 5.1 | 1.65 | | |
| 8.2 | 2441 | 174.87 | 32 | 1.65 | | | 103 | 194 | 13.93 | 5.0 | 1.95 | | |
| 9.1 | 2182 | 156.30 | 33 | 1.85 | | | 113 | 177 | 12.66 | 4.9 | 2.10 | | |
| 10 | 1964 | 140.71 | 33 | 2.00 | | | 130 | 153 | 10.97 | 4.8 | 2.50 | | |
| 11 | 1778 | 127.42 | 34 | 2.30 | | | 159 | 125 | 8.97 | 4.5 | 2.50 | | |
| 7.3 | 2752 | 197.20 | 21 | 1.00 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | 100 | 200 | 14.33 | 2.7 | 0.95 | ZYFA39 ZYFAF39 ZYF39 ZYFF39 | 4P | |
| 7.9 | 2512 | 179.97 | 23 | 1.10 | | 111 | 180 | 12.87 | 2.7 | 1.05 | | | |
| 9.0 | 2228 | 159.61 | 24 | 1.25 | | 129 | 155 | 11.08 | 2.7 | 1.15 | | | |
| 11 | 1873 | 134.16 | 25 | 1.50 | | 137 | 145 | 10.42 | 2.7 | 1.20 | | | |
| 12 | 1721 | 123.29 | 26 | 1.65 | | 159 | 125 | 8.97 | 2.7 | 1.30 | | | |
| 13 | 1528 | 109.49 | 26 | 1.85 | | 178 | 112 | 8.03 | 2.6 | 1.40 | | | |
| 15 | 1366 | 97.89 | 27 | 2.10 | | 212 | 94 | 6.76 | 2.5 | 1.40 | | | |
| 16 | 1228 | 88.01 | 27 | 2.30 | | 236 | 85 | 6.07 | 2.5 | 1.50 | | | |
| 19 | 1066 | 76.39 | 26 | 2.60 | | 273 | 73 | 5.23 | 2.4 | 1.60 | | | |
| 21 | 955 | 68.40 | 26 | 2.90 | | 291 | 69 | 4.92 | 2.4 | 1.65 | | | |
| 25 | 792 | 56.75 | 25 | 3.50 | | 338 | 59 | 4.23 | 2.3 | 1.75 | | | |
| 28 | 703 | 50.36 | 24 | 3.90 | | 378 | 53 | 3.78 | 2.3 | 1.85 | | | |
| 32 | 632 | 45.28 | 23 | 4.20 | | 3kW | | | | | | | |
| 12 | 1597 | 114.45 | 13 | 0.90 | ZYFA79 | 4P | 1.2 | 22250 | 1169 | 83 | 0.85 | ZYFA159R99 ZYFAF159R99 ZYF159R99 ZYFF159R99 | 4P |
| 13 | 1514 | 108.46 | 14 | 0.95 | ZYFAF79 | | 1.5 | 18139 | 953 | 96 | 1.05 | | |
| 15 | 1325 | 94.93 | 15 | 1.05 | ZYF79 | | 1.7 | 16083 | 845 | 101 | 1.15 | | |
| 17 | 1194 | 85.52 | 16 | 1.20 | ZYFF79 | | 1.9 | 14541 | 764 | 105 | 1.30 | | |
| 19 | 1047 | 75.02 | 17 | 1.35 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 2.1 | 12943 | 680 | 108 | 1.45 | | |
| 22 | 928 | 66.46 | 17 | 1.50 | | | 2.5 | 10963 | 576 | 111 | 1.70 | | |
| 25 | 814 | 58.32 | 18 | 1.75 | | | 3.2 | 8489 | 446 | 114 | 2.20 | | |
| 26 | 771 | 55.27 | 18 | 1.80 | | | 4.7 | 5748 | 302 | 114 | 3.20 | | |
| 30 | 675 | 48.37 | 18 | 2.10 | | | 5.2 | 5196 | 273 | 114 | 3.55 | | |
| 33 | 608 | 43.58 | 18 | 2.30 | | | 6.2 | 4416 | 232 | 114 | 4.20 | | |
| 39 | 511 | 36.58 | 19 | 2.00 | ZYFA79 | 4P | 7.3 | 3750 | 197 | 114 | 5.05 | ZYFA129R79 ZYFAF129R79 ZYF129R79 ZYFF129R79 | 4P |
| 45 | 440 | 31.51 | 19 | 2.90 | ZYFAF79 | | 2.0 | 13818 | 726 | 83 | 0.90 | | |
| 50 | 401 | 28.75 | 19 | 3.30 | ZYF79 | | 2.2 | 12314 | 647 | 86 | 1.05 | | |
| 56 | 356 | 25.50 | 19 | 4.00 | ZYFF79 | | 2.6 | 10430 | 548 | 86 | 1.20 | | |
| 23 | 852 | 61.07 | 8.9 | 0.90 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 4P | 2.9 | 9402 | 494 | 86 | 1.35 | ZYFA109R79 ZYFAF109R79 ZYF109R79 ZYFF109R79 | 4P |
| 27 | 750 | 53.73 | 10 | 1.00 | | | 3.3 | 8298 | 436 | 46 | 1.00 | | |
| 28 | 708 | 50.74 | 10 | 1.10 | | | 3.9 | 7042 | 370 | 49 | 1.15 | | |
| 33 | 603 | 43.20 | 11 | 1.25 | | | 4.3 | 6338 | 333 | 51 | 1.30 | | |
| 36 | 548 | 39.26 | 11 | 1.35 | | | 4.9 | 5539 | 291 | 53 | 1.45 | | |
| 42 | 475 | 34.01 | 12 | 1.45 | | | | | | | | | |

选型参数表

(恒功率) 3kW-4kW

Selection Table

(Constant Power) 3kW-4kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--------------------------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 3kW | | | | | | | 3kW | | | | | | |
| 3.8 | 7213 | 254.40 | 47 | 1.00 | ZYFA109 | 6P | 106 | 257 | 13.52 | 6.5 | 2.20 | ZYFA59 | 4P |
| 4.5 | 6106 | 215.37 | 50 | 1.15 | ZYFAF109 | | 116 | 234 | 12.29 | 6.4 | 2.40 | ZYFAF59 | |
| 4.8 | 5651 | 199.31 | 51 | 1.25 | ZYF109 | | 134 | 203 | 10.64 | 6.3 | 2.80 | ZYF59 | |
| 5.4 | 5065 | 178.64 | 53 | 1.40 | ZYFF109 | | | | | | | ZYFF59 | |
| 5.6 | 4842 | 254.40 | 53 | 1.50 | ZYFA109 | 4P | 73 | 375 | 19.70 | 4.5 | 1.00 | ZYFA49 ZYFAF49 ZYF49 ZYFF49 | 4P |
| 6.6 | 4099 | 215.37 | 55 | 1.75 | ZYFAF109 | | 83 | 330 | 17.33 | 4.5 | 1.15 | | |
| 7.2 | 3794 | 199.31 | 55 | 1.90 | ZYF109 | | 87 | 311 | 16.36 | 4.5 | 1.20 | | |
| 8.0 | 3400 | 178.64 | 56 | 2.10 | ZYFF109 | | 103 | 265 | 13.93 | 4.5 | 1.40 | | |
| 8.9 | 3070 | 161.28 | 57 | 2.30 | | | 113 | 241 | 12.66 | 4.5 | 1.55 | | |
| 6.4 | 4261 | 223.88 | 28 | 0.95 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | 130 | 209 | 10.97 | 4.4 | 1.80 | ZYFA39 ZYFAF39 ZYF39 ZYFF39 | 4P |
| 7.5 | 3615 | 189.92 | 30 | 1.10 | | | 159 | 171 | 8.97 | 4.2 | 1.80 | | |
| 8.2 | 3328 | 174.87 | 30 | 1.20 | | | 129 | 211 | 11.08 | 2.2 | 0.85 | | |
| 9.1 | 2975 | 156.30 | 31 | 1.35 | | | 137 | 198 | 10.42 | 2.2 | 0.85 | | |
| 10 | 2678 | 140.71 | 32 | 1.50 | | | 159 | 171 | 8.97 | 2.3 | 0.95 | | |
| 11 | 2425 | 127.42 | 32 | 1.65 | | | 178 | 153 | 8.03 | 2.3 | 1.05 | | |
| 13 | 2151 | 112.99 | 33 | 1.85 | | | 212 | 129 | 6.76 | 2.2 | 1.00 | | |
| 14 | 1944 | 102.16 | 33 | 2.10 | | | 236 | 116 | 6.07 | 2.2 | 1.10 | | |
| 16 | 1710 | 89.85 | 34 | 2.30 | | | 273 | 100 | 5.23 | 2.2 | 1.15 | | |
| 11 | 2553 | 134.16 | 23 | 1.10 | ZYFA89 | 4P | 291 | 94 | 4.92 | 2.2 | 1.20 | ZYFA159R99 ZYFAF159R99 ZYF159R99 ZYFF159R99 | 4P |
| 12 | 2347 | 123.29 | 23 | 1.20 | ZYFAF89 | | 338 | 81 | 4.23 | 2.1 | 1.25 | | |
| 13 | 2084 | 109.49 | 24 | 1.35 | ZYF89 | | 378 | 72 | 3.78 | 2.1 | 1.35 | | |
| | | | | | ZYFF89 | | | | | | | | |
| 15 | 1863 | 97.89 | 25 | 1.50 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | 4P | 4kW | | | | | | |
| 16 | 1675 | 88.01 | 26 | 1.65 | | | 1.7 | 20230 | 845 | 87 | 0.90 | ZYFA129R79 ZYFAF129R79 ZYF129R79 ZYFF129R79 | 4P |
| 19 | 1454 | 76.39 | 25 | 1.90 | | | 1.9 | 18291 | 764 | 93 | 1.00 | | |
| 21 | 1302 | 68.40 | 24 | 2.10 | | | 2.1 | 16280 | 680 | 99 | 1.10 | | |
| 25 | 1080 | 56.75 | 24 | 2.60 | | | 2.5 | 13790 | 576 | 105 | 1.30 | | |
| 28 | 959 | 50.36 | 23 | 2.80 | | | 3.2 | 10678 | 446 | 110 | 1.70 | | |
| 17 | 1628 | 85.52 | 13 | 0.85 | ZYFA79 | 4P | 4.8 | 7230 | 302 | 114 | 2.45 | | |
| 19 | 1428 | 75.02 | 15 | 1.00 | ZYFAF79 | | 5.3 | 6536 | 273 | 114 | 2.70 | | |
| 22 | 1265 | 66.46 | 16 | 1.10 | ZYF79 | | 6.2 | 5554 | 232 | 114 | 3.20 | | |
| 25 | 1110 | 58.32 | 17 | 1.25 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 7.3 | 4716 | 197 | 114 | 3.85 | ZYFA109R79 ZYFAF109R79 ZYF109R79 ZYFF109R79 | 4P |
| 26 | 1052 | 55.27 | 17 | 1.35 | | | 2.6 | 13120 | 548 | 83 | 0.90 | | |
| 30 | 921 | 48.37 | 17 | 1.50 | | | 2.9 | 11827 | 494 | 86 | 1.00 | | |
| 33 | 829 | 43.58 | 18 | 1.70 | | | 3.4 | 10247 | 428 | 86 | 1.15 | | |
| 37 | 728 | 38.23 | 18 | 1.90 | | | 3.8 | 8978 | 375 | 86 | 1.30 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 8P |
| 39 | 696 | 36.58 | 18 | 1.50 | ZYFA79 | 4P | 4.3 | 7972 | 333 | 46 | 1.00 | | |
| 45 | 600 | 31.51 | 18 | 2.10 | ZYFAF79 | | 4.9 | 6967 | 291 | 49 | 1.10 | | |
| 50 | 547 | 28.75 | 19 | 2.40 | ZYF79 | | 5.6 | 6105 | 255 | 51 | 1.30 | | |
| 56 | 485 | 25.50 | 19 | 2.90 | ZYFF79 | | 4.2 | 8601 | 170.64 | 86 | 1.30 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P |
| 67 | 408 | 21.43 | 19 | 3.40 | | | 4.7 | 7737 | 153.50 | 86 | 1.45 | | |
| 33 | 822 | 43.20 | 9 | 0.95 | ZYFA69 | 4P | 5.7 | 6312 | 125.23 | 86 | 1.80 | | |
| 36 | 747 | 39.26 | 10 | 0.95 | ZYFAF69 | | 5.7 | 6411 | 254.40 | 49 | 1.10 | | |
| 42 | 647 | 34.01 | 11 | 1.05 | ZYF69 | | 6.7 | 5428 | 215.37 | 52 | 1.35 | | |
| | | | | | ZYFF69 | | 7.2 | 5023 | 199.31 | 53 | 1.45 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P |
| 45 | 611 | 32.08 | 11 | 1.25 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 4P | 8.1 | 4502 | 178.64 | 54 | 1.60 | | |
| 52 | 522 | 27.41 | 11 | 1.45 | | | 8.9 | 4064 | 161.28 | 55 | 1.75 | | |
| 57 | 478 | 25.13 | 12 | 1.60 | | | 9.8 | 3692 | 146.49 | 56 | 1.95 | | |
| 65 | 420 | 22.05 | 12 | 1.80 | | | 11 | 3275 | 129.97 | 56 | 2.20 | | |
| 68 | 398 | 20.90 | 12 | 1.90 | | | 12 | 2972 | 117.94 | 57 | 2.40 | | |
| 78 | 348 | 18.29 | 12 | 2.20 | | | 14 | 2555 | 101.38 | 58 | 2.80 | | |
| 87 | 314 | 16.48 | 12 | 2.40 | | | 8.2 | 4407 | 174.87 | 25 | 0.90 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P |
| 99 | 275 | 14.46 | 12 | 2.80 | | | 9.2 | 3939 | 156.30 | 29 | 1.00 | | |
| 57 | 475 | 24.96 | 7.1 | 1.15 | ZYFA59 | 4P | 10 | 3546 | 140.71 | 30 | 1.15 | | |
| 68 | 403 | 21.17 | 7.0 | 1.40 | ZYFAF59 | | 11 | 3211 | 127.42 | 31 | 1.25 | | |
| 75 | 364 | 19.11 | 6.9 | 1.55 | ZYF59 | | | | | | | | |
| 85 | 320 | 16.81 | 6.8 | 1.75 | ZYFF59 | | | | | | | | |
| 90 | 302 | 15.88 | 6.7 | 1.85 | | | | | | | | | |

选型参数表

(恒功率) 4kW-5.5kW

Selection Table

(Constant Power) 4kW-5.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--------------------------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 4kW | | | | | | | 5.5kW | | | | | | |
| 13 | 2848 | 112.99 | 32 | 1.40 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | 2.5 | 18962 | 576 | 91 | 0.95 | ZYFA159R99 ZYFAF159R99 ZYF159R99 ZYFF159R99 | 4P |
| 14 | 2575 | 102.16 | 32 | 1.55 | | | 2.9 | 16558 | 503 | 98 | 1.10 | | |
| 15 | 2459 | 97.58 | 32 | 1.65 | | | 3.2 | 14682 | 446 | 103 | 1.25 | | |
| 16 | 2264 | 89.85 | 33 | 1.80 | | | 4.1 | 11621 | 353 | 109 | 1.55 | | |
| 18 | 2024 | 80.31 | 33 | 2.00 | | | 4.8 | 9942 | 302 | 111 | 1.80 | | |
| 20 | 1822 | 72.30 | 34 | 2.20 | | | 5.3 | 8987 | 273 | 112 | 1.95 | | |
| 22 | 1650 | 65.47 | 34 | 2.40 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | 4P | 6.2 | 7637 | 232 | 114 | 2.30 | ZYFA129R89 ZYFAF129R89 ZYF129R89 ZYFF129R89 | 4P |
| 13 | 2759 | 109.49 | 21 | 1.00 | | | 7.1 | 6650 | 202 | 114 | 2.65 | | |
| 15 | 2467 | 97.89 | 23 | 1.15 | | | 7.3 | 6485 | 197 | 114 | 2.80 | | |
| 16 | 2218 | 88.01 | 23 | 1.25 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | 4P | 3.4 | 13760 | 418 | 82 | 0.85 | ZYFA129R79 ZYFAF129R79 ZYF129R79 ZYFF129R79 | 4P |
| 19 | 1925 | 76.39 | 23 | 1.45 | | | 3.8 | 12345 | 375 | 85 | 0.95 | | |
| 21 | 1724 | 68.40 | 23 | 1.65 | | | 4.6 | 10271 | 312 | 86 | 1.15 | | |
| 25 | 1430 | 56.75 | 22 | 1.95 | | | 4.9 | 9645 | 293 | 86 | 1.25 | | |
| 29 | 1269 | 50.36 | 22 | 2.20 | | | 5.6 | 8526 | 259 | 86 | 1.40 | | |
| 32 | 1141 | 45.28 | 21 | 2.30 | | | 6.5 | 7341 | 223 | 86 | 1.60 | | |
| 22 | 1675 | 66.46 | 13 | 0.85 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 3.4 | 14089 | 428 | 81 | 0.85 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 8P |
| 25 | 1470 | 58.32 | 14 | 0.95 | | | 3.8 | 12345 | 375 | 85 | 0.95 | | |
| 26 | 1393 | 55.27 | 15 | 1.00 | | | 2.7 | 18534 | 267.43 | 90 | 0.90 | | |
| 30 | 1219 | 48.37 | 16 | 1.15 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 3.3 | 15082 | 217.62 | 100 | 1.10 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 8P |
| 33 | 1098 | 43.58 | 17 | 1.30 | | | 4.0 | 12350 | 178.20 | 106 | 1.35 | | |
| 38 | 963 | 38.23 | 17 | 1.45 | | | 4.4 | 11294 | 162.96 | 108 | 1.50 | | |
| 43 | 850 | 33.74 | 18 | 1.65 | | | 5.1 | 9827 | 141.80 | 111 | 1.70 | | |
| 48 | 754 | 29.91 | 18 | 1.85 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 5.8 | 8673 | 125.14 | 112 | 1.90 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P |
| 56 | 644 | 25.54 | 18 | 2.10 | | | 6.6 | 7519 | 108.49 | 114 | 2.20 | | |
| 46 | 794 | 31.51 | 18 | 1.65 | | | 7.5 | 6690 | 96.53 | 114 | 2.50 | | |
| 50 | 725 | 28.75 | 18 | 1.85 | | | 8.4 | 5946 | 85.80 | 114 | 2.80 | | |
| 56 | 643 | 25.50 | 18 | 2.20 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 4P | 9.2 | 5438 | 78.46 | 114 | 3.10 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P |
| 67 | 540 | 21.43 | 19 | 2.60 | | | 11 | 4732 | 68.28 | 114 | 3.60 | | |
| 73 | 496 | 19.70 | 19 | 2.80 | | | 4.2 | 11826 | 170.64 | 85 | 0.95 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P |
| 53 | 691 | 27.41 | 10 | 1.10 | | | 4.7 | 10638 | 153.50 | 86 | 1.05 | | |
| 57 | 633 | 25.13 | 11 | 1.20 | ZYFA69 ZYFAF69 ZYF69 ZYFF69 | 4P | 5.7 | 8679 | 125.23 | 86 | 1.30 | | |
| 65 | 556 | 22.05 | 11 | 1.40 | | | 6.3 | 7915 | 114.21 | 86 | 1.40 | | |
| 69 | 527 | 20.90 | 11 | 1.45 | | | 6.7 | 7463 | 215.37 | 47 | 0.95 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P |
| 79 | 461 | 18.29 | 12 | 1.65 | | | 7.2 | 6906 | 199.31 | 48 | 1.05 | | |
| 87 | 415 | 16.48 | 12 | 1.85 | | | 8.1 | 6190 | 178.64 | 50 | 1.15 | | |
| 100 | 364 | 14.46 | 12 | 2.10 | | | 8.9 | 5589 | 161.28 | 51 | 1.30 | | |
| 113 | 322 | 12.76 | 12 | 2.40 | | | 9.8 | 5076 | 146.49 | 53 | 1.45 | | |
| 127 | 285 | 11.31 | 12 | 2.70 | | | 11 | 4504 | 129.97 | 54 | 1.60 | | |
| 149 | 243 | 9.66 | 12 | 3.20 | | | 12 | 4087 | 117.94 | 55 | 1.75 | | |
| 159 | 229 | 9.08 | 12 | 2.20 | | | 14 | 3513 | 101.38 | 56 | 2.10 | | |
| 167 | 217 | 8.60 | 12 | 2.50 | | | 16 | 3204 | 92.47 | 57 | 2.30 | | |
| 191 | 190 | 7.53 | 12 | 3.00 | | | 16 | 3066 | 88.49 | 57 | 2.40 | | |
| 212 | 171 | 6.78 | 11 | 3.40 | | | 17 | 2910 | 83.99 | 57 | 2.50 | | |
| 242 | 150 | 5.95 | 11 | 3.80 | | | 11 | 4415 | 127.42 | 26 | 0.90 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P |
| 274 | 132 | 5.25 | 11 | 4.20 | | | 13 | 3915 | 112.99 | 29 | 1.05 | | |
| 309 | 117 | 4.66 | 10 | 4.50 | | | 14 | 3540 | 102.16 | 30 | 1.15 | | |
| 363 | 100 | 3.97 | 10 | 4.70 | | | 15 | 3381 | 97.58 | 30 | 1.20 | | |
| 68 | 534 | 21.17 | 6.2 | 1.05 | ZYFA59 ZYFAF59 ZYF59 ZYFF59 | 4P | 16 | 3113 | 89.85 | 31 | 1.30 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P |
| 75 | 482 | 19.11 | 6.2 | 1.15 | | | 17 | 3001 | 86.59 | 31 | 1.35 | | |
| 86 | 424 | 16.81 | 6.1 | 1.35 | | | 18 | 2783 | 80.31 | 32 | 1.45 | | |
| 91 | 400 | 15.88 | 6.1 | 1.40 | | | 19 | 2621 | 75.63 | 32 | 1.55 | | |
| 107 | 341 | 13.52 | 6.0 | 1.65 | | | 20 | 2505 | 72.30 | 32 | 1.60 | | |
| 117 | 310 | 12.29 | 6.0 | 1.80 | | | 22 | 2269 | 65.47 | 33 | 1.80 | | |
| 135 | 268 | 10.64 | 5.8 | 2.10 | | | 25 | 2012 | 58.06 | 33 | 2.00 | | |
| 155 | 235 | 9.31 | 5.6 | 1.70 | | | 27 | 1819 | 52.49 | 32 | 2.20 | | |
| 176 | 206 | 8.19 | 5.4 | 1.90 | | | | | | | | | |
| 186 | 195 | 7.73 | 5.4 | 2.00 | | | | | | | | | |
| 219 | 166 | 6.58 | 5.2 | 2.40 | | | | | | | | | |
| 241 | 151 | 5.98 | 5.1 | 2.60 | | | | | | | | | |
| 278 | 131 | 5.18 | 5.0 | 3.00 | | | | | | | | | |

选型参数表

(恒功率) 5.5kW-7.5kW

Selection Table

(Constant Power) 5.5kW-7.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | | | |
|---------------------------|------------------------|-------|-------------------------|----------------|------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|--|----|--|----|
| 5.5kW | | | | | | | 7.5kW | | | | | | | | | | |
| 16 | 3050 | 88.01 | 5.5 | 0.95 | ZYFA89 | 4P | 3.3 | 20566 | 217.62 | 83 | 0.85 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 8P | | | | |
| 19 | 2647 | 76.39 | 20 | 1.05 | ZYFAF89 | | 4.0 | 16841 | 178.20 | 96 | 1.00 | | | | | | |
| 21 | 2370 | 68.40 | 20 | 1.20 | ZYF89 | | 4.4 | 15401 | 162.96 | 100 | 1.10 | | | | | | |
| 25 | 1966 | 56.75 | 20 | 1.45 | ZYFF89 | | 5.1 | 13401 | 141.80 | 105 | 1.30 | | | | | | |
| 29 | 1745 | 50.36 | 20 | 1.60 | ZYFA89 | 4P | 5.8 | 11826 | 125.14 | 108 | 1.45 | | | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 8P | | |
| 32 | 1569 | 45.28 | 19 | 1.70 | ZYFAF89 | | 6.6 | 10253 | 108.49 | 110 | 1.65 | | | | | | |
| 37 | 1362 | 39.30 | 19 | 1.90 | ZYF89 | | 7.5 | 9123 | 96.53 | 112 | 1.85 | | | | | | |
| 41 | 1219 | 35.19 | 19 | 2.00 | ZYFF89 | | 8.4 | 8109 | 85.80 | 113 | 2.10 | | | | | | |
| 49 | 1012 | 29.20 | 18 | 2.30 | | 4P | 9.2 | 7415 | 78.46 | 114 | 2.30 | | | | | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 8P |
| 42 | 1175 | 33.92 | 19 | 2.10 | ZYFA89 | | 11 | 6453 | 68.28 | 114 | 2.70 | | | | | | |
| 50 | 997 | 28.78 | 18 | 2.30 | ZYFAF89 | | 12 | 5694 | 60.25 | 114 | 3.00 | | | | | | |
| 54 | 918 | 26.50 | 18 | 3.10 | ZYF89 | | 14 | 4937 | 52.24 | 114 | 3.50 | | | | | | |
| 61 | 821 | 23.68 | 17 | 3.50 | ZYFF89 | 4P | 15 | 4393 | 46.48 | 114 | 3.90 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 8P | | | | |
| 30 | 1676 | 48.37 | 13 | 0.85 | | | 18 | 3786 | 40.06 | 114 | 4.50 | | | | | | |
| 33 | 1510 | 43.58 | 14 | 0.95 | ZYFA79 | | 3.6 | 18760 | 267.43 | 89 | 0.90 | | | | | | |
| 38 | 1325 | 38.23 | 15 | 1.05 | ZYFAF79 | | 4.5 | 15266 | 217.62 | 100 | 1.10 | | | | | | |
| 43 | 1169 | 33.74 | 16 | 1.20 | ZYF79 | 4P | 5.4 | 12500 | 178.20 | 106 | 1.35 | | | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 6P | | |
| 48 | 1036 | 29.91 | 17 | 1.35 | ZYFF79 | | 6.0 | 11431 | 162.96 | 108 | 1.50 | | | | | | |
| 56 | 885 | 25.54 | 18 | 1.55 | | | 6.8 | 9947 | 141.80 | 111 | 1.70 | | | | | | |
| 56 | 884 | 25.50 | 18 | 1.60 | ZYFA79 | | 7.8 | 8778 | 125.14 | 112 | 1.95 | | | | | | |
| 67 | 743 | 21.43 | 18 | 1.90 | ZYFAF79 | 4P | 8.9 | 7610 | 108.49 | 114 | 2.20 | | | | | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 6P |
| 73 | 683 | 19.70 | 18 | 2.10 | ZYF79 | | 10 | 6771 | 96.53 | 114 | 2.50 | | | | | | |
| 82 | 606 | 17.49 | 18 | 2.30 | ZYFF79 | | 11 | 6019 | 85.80 | 114 | 2.80 | | | | | | |
| 92 | 542 | 15.64 | 19 | 2.60 | | | 12 | 5504 | 78.46 | 114 | 3.10 | | | | | | |
| 102 | 487 | 14.06 | 18 | 2.90 | | 4P | 14 | 4790 | 68.28 | 114 | 3.50 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 6P | | | | |
| 118 | 423 | 12.21 | 18 | 3.30 | | | 16 | 4226 | 60.25 | 114 | 4.00 | | | | | | |
| 65 | 764 | 22.05 | 10 | 1.00 | | | 19 | 3665 | 52.24 | 113 | 4.60 | | | | | | |
| 69 | 724 | 20.90 | 10 | 1.05 | | | 5.7 | 11835 | 125.23 | 85 | 0.95 | | | | | | |
| 79 | 634 | 18.29 | 11 | 1.20 | | 4P | 6.3 | 10793 | 114.21 | 86 | 1.05 | | | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 8P | | |
| 87 | 571 | 16.48 | 11 | 1.35 | | | 7.3 | 9341 | 98.84 | 86 | 1.20 | | | | | | |
| 100 | 501 | 14.46 | 12 | 1.55 | | | 8.3 | 8242 | 87.21 | 86 | 1.40 | | | | | | |
| 113 | 442 | 12.76 | 12 | 1.75 | ZYFA69 | | 5.7 | 11970 | 170.64 | 85 | 0.95 | | | | | | |
| 127 | 392 | 11.31 | 12 | 1.95 | ZYFAF69 | 4P | 6.3 | 10768 | 153.50 | 86 | 1.05 | | | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 6P | | |
| 149 | 335 | 9.66 | 12 | 2.30 | ZYF69 | | 7.7 | 8785 | 125.23 | 86 | 1.30 | | | | | | |
| 159 | 315 | 9.08 | 12 | 1.60 | ZYFF69 | | 8.5 | 8012 | 114.21 | 86 | 1.40 | | | | | | |
| 167 | 298 | 8.60 | 12 | 1.80 | | | 8.4 | 8063 | 170.64 | 86 | 1.40 | | | | | | |
| 191 | 261 | 7.53 | 11 | 2.20 | | 4P | 9.4 | 7253 | 153.50 | 86 | 1.55 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P | | | | |
| 212 | 235 | 6.78 | 11 | 2.50 | | | 11 | 5917 | 125.23 | 86 | 1.90 | | | | | | |
| 242 | 206 | 5.95 | 11 | 2.80 | | | 8.1 | 8441 | 178.64 | 44 | 0.85 | | | | | | |
| 274 | 182 | 5.25 | 11 | 3.10 | | | 8.9 | 7621 | 161.28 | 46 | 0.95 | | | | | | |
| 309 | 161 | 4.66 | 10 | 3.30 | | 4P | 9.8 | 6922 | 146.49 | 48 | 1.05 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P | | | | |
| 363 | 138 | 3.97 | 10 | 3.40 | | | 11 | 6141 | 129.97 | 50 | 1.20 | | | | | | |
| 86 | 582 | 16.81 | 5.2 | 0.95 | | | 12 | 5573 | 117.94 | 51 | 1.30 | | | | | | |
| 91 | 550 | 15.88 | 5.2 | 1.05 | | | 14 | 4790 | 101.38 | 53 | 1.50 | | | | | | |
| 107 | 468 | 13.52 | 5.3 | 1.20 | | 4P | 16 | 4369 | 92.47 | 54 | 1.65 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P | | | | |
| 117 | 426 | 12.29 | 5.3 | 1.35 | ZYFA59 | | 16 | 4181 | 88.49 | 55 | 1.75 | | | | | | |
| 135 | 369 | 10.64 | 5.2 | 1.55 | ZYFAF59 | | 17 | 3969 | 83.99 | 55 | 1.85 | | | | | | |
| 176 | 284 | 8.19 | 4.9 | 1.40 | ZYF59 | | 19 | 3521 | 74.52 | 56 | 2.10 | | | | | | |
| 186 | 268 | 7.73 | 4.9 | 1.50 | ZYFF59 | | 21 | 3195 | 67.62 | 57 | 2.30 | | | | | | |
| 219 | 228 | 6.58 | 4.8 | 1.75 | | | 15 | 4611 | 97.58 | 18 | 0.90 | | | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | | |
| 241 | 207 | 5.98 | 4.8 | 1.90 | | | 16 | 4246 | 89.85 | 28 | 0.95 | | | | | | |
| 278 | 179 | 5.18 | 4.7 | 2.20 | | | 17 | 4092 | 86.59 | 28 | 1.00 | | | | | | |
| 7.5kW | | | | | | | 18 | 3795 | 80.31 | 29 | 1.05 | | | | | | |
| 4.6 | 14006 | 312 | 82 | 0.85 | ZYFA129R89 | | 4P | 19 | 3574 | 75.63 | 30 | | | | | 1.15 | |
| 4.9 | 13153 | 293 | 83 | 0.90 | ZYFAF129R89 | 20 | | 3416 | 72.30 | 30 | 1.20 | | | | | | |
| 5.6 | 11627 | 259 | 86 | 1.05 | ZYF129R89 | | | | | | | | | | | | |
| 6.5 | 10010 | 223 | 86 | 1.20 | ZYFF129R89 | | | | | | | | | | | | |
| 7.3 | 8888 | 198 | 86 | 1.40 | | | | | | | | | | | | | |

选型参数表

(恒功率) 7.5kW-11kW

Selection Table

(Constant Power) 7.5kW-11kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|--------------------------------------|------------------------|--------|-------------------------|----------------|--|------------|--|------|
| 7.5kW | | | | | | | 11kW | | | | | | | | |
| 22 | 3094 | 65.47 | 31 | 1.30 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | 5.4 | 18334 | 178.20 | 91 | 0.90 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 6P | | |
| 25 | 2743 | 58.06 | 30 | 1.50 | | | 6.0 | 16766 | 162.96 | 96 | 1.00 | | | | |
| 27 | 2480 | 52.49 | 30 | 1.65 | | | 6.8 | 14589 | 141.80 | 102 | 1.15 | | | | |
| 32 | 2102 | 44.49 | 29 | 1.95 | | | 7.8 | 12875 | 125.14 | 105 | 1.30 | | | | |
| 37 | 1836 | 38.86 | 28 | 2.20 | | | 8.9 | 11162 | 108.49 | 109 | 1.50 | | | | |
| 44 | 1536 | 32.50 | 27 | 2.60 | | | 10 | 9931 | 96.53 | 111 | 1.70 | | | | |
| 33 | 2045 | 43.28 | 29 | 1.40 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | 11 | 8827 | 85.80 | 112 | 1.90 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P | | |
| 39 | 1731 | 36.64 | 28 | 1.65 | | | 12 | 8072 | 78.46 | 113 | 2.10 | | | | |
| 42 | 1602 | 33.91 | 28 | 2.50 | | | 5.5 | 18280 | 267.43 | 91 | 0.90 | | | | |
| 47 | 1436 | 30.39 | 27 | 2.80 | | | 6.7 | 14875 | 217.62 | 101 | 1.15 | | | | |
| 25 | 2682 | 56.75 | 17 | 1.05 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | 4P | 8.2 | 12181 | 178.20 | 107 | 1.40 | | | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 6P |
| 29 | 2380 | 50.36 | 17 | 1.15 | | | 9.0 | 11139 | 162.96 | 109 | 1.50 | | | | |
| 32 | 2140 | 45.28 | 17 | 1.25 | | | 10 | 9693 | 141.80 | 111 | 1.75 | | | | |
| 37 | 1857 | 39.30 | 17 | 1.40 | | | 12 | 8554 | 125.14 | 112 | 1.92 | | | | |
| 41 | 1663 | 35.19 | 17 | 1.50 | | | 13 | 7416 | 108.49 | 114 | 2.30 | | | | |
| 49 | 1380 | 29.20 | 17 | 1.70 | | | 15 | 6598 | 96.53 | 114 | 2.60 | | | | |
| 50 | 1360 | 28.78 | 17 | 1.70 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | 4P | 17 | 5865 | 85.80 | 112 | 2.90 | | | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P |
| 54 | 1252 | 26.50 | 17 | 2.30 | | | 19 | 5363 | 78.46 | 110 | 3.10 | | | | |
| 61 | 1119 | 23.68 | 16 | 2.50 | | | 21 | 4667 | 68.28 | 106 | 3.60 | | | | |
| 68 | 1007 | 21.32 | 16 | 2.80 | | | 7.7 | 12884 | 125.23 | 83 | 0.85 | | | | |
| 75 | 912 | 19.31 | 16 | 3.10 | | | 8.5 | 11750 | 114.21 | 85 | 0.95 | | | | |
| 84 | 809 | 17.12 | 15 | 3.50 | | | 9.8 | 10169 | 98.84 | 86 | 1.10 | | | | |
| 93 | 731 | 15.48 | 15 | 3.90 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 11 | 8973 | 87.21 | 86 | 1.25 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | | |
| 43 | 1594 | 33.74 | 14 | 0.90 | | | 13 | 7749 | 75.32 | 86 | 1.45 | | | | |
| 48 | 1413 | 29.91 | 15 | 1.00 | | | 8.6 | 11664 | 170.64 | 85 | 0.95 | | | | |
| 56 | 1207 | 25.54 | 17 | 1.15 | | | 9.5 | 10492 | 153.50 | 86 | 1.05 | | | | |
| 56 | 1205 | 25.50 | 16 | 1.15 | | | 12 | 8560 | 125.23 | 86 | 1.30 | | | | |
| 67 | 1013 | 21.43 | 17 | 1.40 | | | 13 | 7807 | 114.21 | 86 | 1.45 | | | | |
| 73 | 931 | 19.70 | 17 | 1.50 | ZYFA79 ZYFAF79 ZYF79 ZYFF79 | 4P | 15 | 6756 | 98.84 | 86 | 1.65 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P | | |
| 82 | 826 | 17.49 | 18 | 1.70 | | | 17 | 5961 | 87.21 | 86 | 1.90 | | | | |
| 92 | 739 | 15.64 | 18 | 1.90 | | | 19 | 5148 | 75.32 | 84 | 2.20 | | | | |
| 102 | 664 | 14.06 | 18 | 2.10 | | | 12 | 8062 | 117.94 | 45 | 0.90 | | | | |
| 118 | 577 | 12.21 | 17 | 2.50 | | | 14 | 6930 | 101.38 | 48 | 1.05 | | | | |
| 132 | 516 | 10.93 | 17 | 2.70 | | | 16 | 6321 | 92.47 | 50 | 1.15 | | | | |
| 155 | 439 | 9.30 | 16 | 2.30 | | | 17 | 5741 | 83.99 | 51 | 1.25 | | | | |
| 174 | 390 | 8.26 | 15 | 2.60 | | | 20 | 5094 | 74.52 | 53 | 1.40 | | | | |
| 195 | 349 | 7.39 | 15 | 2.90 | | | 22 | 4622 | 67.62 | 54 | 1.55 | | | | |
| 217 | 314 | 6.64 | 15 | 3.20 | | | 25 | 3973 | 58.12 | 54 | 1.80 | | | | |
| 250 | 272 | 5.76 | 14 | 3.70 | | | 29 | 3468 | 50.73 | 52 | 2.10 | | | | |
| 279 | 244 | 5.16 | 14 | 4.20 | | | 34 | 2941 | 43.03 | 51 | 2.50 | | | | |
| 336 | 202 | 4.28 | 13 | 4.70 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P | 43 | 2310 | 33.79 | 48 | 3.00 | | | | |
| 11kW | | | | | | | 53 | 1885 | 27.57 | 46 | 3.90 | | | | |
| 4.8 | 19611 | 302 | 88 | 0.90 | | | 58 | 1718 | 25.14 | 45 | 4.30 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | | |
| 5.3 | 17728 | 273 | 94 | 1.00 | | | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | 22 | 4475 | 65.47 | | | 23 | 0.90 |
| 6.3 | 15065 | 232 | 102 | 1.15 | | | | | 25 | 3969 | 58.06 | | | 26 | 1.00 |
| 7.2 | 13117 | 202 | 106 | 1.35 | | | | | 28 | 3588 | 52.49 | | | 26 | 1.10 |
| 7.4 | 12793 | 197 | 106 | 1.40 | 33 | 3041 | | | 44.49 | 26 | 1.30 | | | | |
| 6.5 | 14481 | 223 | 80 | 0.80 | 38 | 2656 | | | 38.86 | 25 | 1.50 | | | | |
| 7.4 | 12857 | 198 | 84 | 0.95 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | | | 45 | 2222 | 32.50 | 25 | 1.80 | | |
| 8.8 | 10779 | 166 | 86 | 1.10 | | | 43 | 2318 | 33.91 | 25 | 1.75 | | | | |
| 5.1 | 19385 | 141.80 | 87 | 0.85 | | | 48 | 2077 | 30.39 | 25 | 1.95 | | | | |
| 5.8 | 17108 | 125.14 | 95 | 1.00 | | | 53 | 1876 | 27.44 | 24 | 2.20 | | | | |
| 6.7 | 14832 | 108.49 | 101 | 1.15 | | | 59 | 1703 | 24.92 | 24 | 2.40 | | | | |
| 7.6 | 13197 | 96.53 | 105 | 1.30 | | | 66 | 1511 | 22.11 | 23 | 2.70 | | | | |

选型参数表

(恒功率) 11kW-18.5kW

Selection Table

(Constant Power) 11kW-18.5kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|------------------|------------|---------------------------|------------------------|--------|-------------------------|----------------|------------------|------------|
| 11kW | | | | | | | 15kW | | | | | | |
| 37 | 2686 | 39.30 | 14 | 0.95 | ZYFA89 | 4P | 16 | 8619 | 92.47 | 44 | 0.85 | ZYFA109 | 4P |
| 41 | 2405 | 35.19 | 14 | 1.00 | ZYFAF89 | | 16 | 8248 | 88.49 | 45 | 0.90 | ZYFAF109 | |
| 50 | 1996 | 29.20 | 14 | 1.20 | ZYF89 | | 17 | 7829 | 83.99 | 46 | 0.95 | ZYF109 | |
| | | | | | ZYFF89 | | 20 | 6946 | 74.52 | 48 | 1.05 | ZYFF109 | |
| 55 | 1811 | 26.50 | 14 | 1.55 | | | 22 | 6303 | 67.62 | 50 | 1.15 | | |
| 62 | 1619 | 23.68 | 14 | 1.75 | ZYFA89 | 4P | 25 | 5417 | 58.12 | 50 | 1.35 | ZYFA109 | 4P |
| 68 | 1457 | 21.32 | 14 | 1.95 | ZYFAF89 | | 29 | 4729 | 50.73 | 49 | 1.55 | ZYFAF109 | |
| 76 | 1320 | 19.31 | 14 | 2.10 | ZYF89 | | 34 | 4011 | 43.03 | 48 | 1.80 | ZYF109 | |
| 85 | 1170 | 17.12 | 14 | 2.40 | ZYFF89 | | 39 | 3506 | 37.61 | 47 | 2.10 | ZYFF109 | |
| 94 | 1058 | 15.48 | 14 | 2.70 | | | 46 | 2964 | 31.80 | 46 | 2.50 | | |
| 111 | 897 | 13.12 | 14 | 3.10 | | | 43 | 3150 | 33.79 | 46 | 2.20 | ZYFA109 | |
| 74 | 1347 | 19.70 | 15 | 1.05 | | 4P | 53 | 2570 | 27.57 | 44 | 2.90 | ZYFAF109 | 4P |
| 83 | 1196 | 17.49 | 16 | 1.20 | | | 58 | 2343 | 25.14 | 44 | 3.20 | ZYF109 | |
| 93 | 1069 | 15.64 | 17 | 1.30 | | | 67 | 2028 | 21.76 | 42 | 3.70 | ZYFF109 | |
| 104 | 961 | 14.06 | 17 | 1.45 | | | 33 | 4147 | 44.49 | 22 | 1.00 | ZYFA99 | 4P |
| 120 | 835 | 12.21 | 16 | 1.70 | ZYFA79 | | 38 | 3622 | 38.86 | 22 | 1.15 | ZYFAF99 | |
| 134 | 747 | 10.93 | 16 | 1.90 | ZYFAF79 | | 45 | 3029 | 32.50 | 22 | 1.35 | ZYF99 | |
| 157 | 636 | 9.30 | 15 | 1.60 | ZYF79 | | | | | | | ZYFF99 | 4P |
| 177 | 565 | 8.26 | 14 | 1.80 | ZYFF79 | | 43 | 3161 | 33.91 | 22 | 1.30 | | |
| 198 | 505 | 7.39 | 14 | 2.00 | | | 48 | 2833 | 30.39 | 22 | 1.45 | | |
| 220 | 454 | 6.64 | 14 | 2.20 | | | 53 | 2558 | 27.44 | 22 | 1.60 | | |
| 253 | 394 | 5.76 | 13 | 2.60 | | | 59 | 2323 | 24.92 | 22 | 1.75 | ZYFA99 | |
| 283 | 353 | 5.16 | 13 | 2.90 | | | 66 | 2061 | 22.11 | 21 | 2.00 | ZYFAF99 | |
| 341 | 293 | 4.28 | 13 | 3.20 | | | 73 | 1871 | 20.07 | 21 | 2.20 | ZYF99 | |
| | | | | | | | 85 | 1608 | 17.25 | 21 | 2.50 | ZYFF99 | |
| | | | | | | | 97 | 1404 | 15.06 | 20 | 2.90 | | |
| | | | | | | | 114 | 1190 | 12.77 | 20 | 3.40 | | |
| | | | | | | | 131 | 1040 | 11.16 | 19 | 3.70 | | |
| 15kW | | | | | | | 55 | 2470 | 26.50 | 12 | 1.15 | | 4P |
| 6.3 | 20544 | 232 | 86 | 0.85 | ZYFA159R99 | 4P | 62 | 2207 | 23.68 | 12 | 1.30 | | |
| 7.2 | 17887 | 202 | 95 | 1.00 | ZYFAF159R99 | | 68 | 1987 | 21.32 | 12 | 1.45 | | |
| 7.4 | 17444 | 197 | 96 | 1.05 | ZYF159R99 | | 76 | 1800 | 19.31 | 12 | 1.60 | | |
| | | | | | ZYFF159R99 | | 85 | 1596 | 17.12 | 12 | 1.80 | | |
| 6.8 | 19894 | 141.80 | 86 | 0.85 | ZYFA159 | 6P | 94 | 1443 | 15.48 | 12 | 2.00 | ZYFA89 | |
| 7.8 | 17557 | 125.14 | 94 | 0.95 | ZYFAF159 | | 111 | 1223 | 13.12 | 12 | 2.30 | ZYFAF89 | |
| 8.9 | 15221 | 108.49 | 100 | 1.10 | ZYF159 | | 127 | 1068 | 11.46 | 12 | 2.70 | ZYF89 | |
| 10 | 13543 | 96.53 | 104 | 1.25 | ZYFF159 | | 152 | 893 | 9.58 | 12 | 3.10 | ZYFF89 | |
| 11 | 12037 | 85.80 | 107 | 1.40 | | | 176 | 773 | 8.29 | 11 | 1.90 | | |
| 6.7 | 20284 | 217.62 | 84 | 0.85 | | 4P | 199 | 685 | 7.35 | 11 | 2.10 | | |
| 8.2 | 16610 | 178.20 | 97 | 1.05 | | | 220 | 620 | 6.65 | 11 | 2.30 | | |
| 9.0 | 15190 | 162.96 | 100 | 1.15 | | | 259 | 525 | 5.63 | 10 | 2.80 | | |
| 10 | 13217 | 141.80 | 105 | 1.30 | | | 297 | 459 | 4.92 | 10 | 3.20 | | |
| 12 | 11664 | 125.14 | 108 | 1.45 | ZYFA159 | | 354 | 384 | 4.12 | 10 | 3.60 | | |
| 13 | 10112 | 108.49 | 11 | 1.70 | ZYFAF159 | | 18.5kW | | | | | | |
| 15 | 8998 | 96.53 | 110 | 1.90 | ZYF159 | | 7.3 | 21911 | 202 | 73 | 0.80 | ZYFA159R99 | 4P |
| 17 | 7997 | 85.80 | 108 | 2.10 | ZYFF159 | | 7.5 | 21368 | 197 | 82 | 0.85 | ZYFAF159R99 | |
| 19 | 7313 | 78.46 | 106 | 2.30 | | | | | | | | ZYF159R99 | 4P |
| 21 | 6364 | 68.28 | 10 | 2.70 | | | | | | | | ZYFF159R99 | |
| 24 | 5616 | 60.25 | 100 | 3.00 | | | 8.2 | 20346 | 178.20 | 84 | 0.85 | | |
| 9.8 | 13867 | 98.84 | 81 | 0.80 | | 6P | 9.0 | 18606 | 162.96 | 90 | 0.90 | | |
| 11 | 12235 | 87.21 | 84 | 0.95 | ZYFA129 | | 10 | 16190 | 141.80 | 98 | 1.05 | | |
| 13 | 10567 | 75.32 | 84 | 1.10 | ZYFAF129 | | 12 | 14288 | 125.14 | 103 | 1.20 | | |
| 14 | 9819 | 69.99 | 83 | 1.15 | ZYF129 | | 14 | 12387 | 108.49 | 106 | 1.40 | ZYFA159 | |
| 15 | 8955 | 63.83 | 82 | 1.25 | ZYFF129 | | 15 | 11022 | 96.53 | 106 | 1.55 | ZYFAF159 | |
| 12 | 11673 | 125.23 | 85 | 1.00 | | 4P | 17 | 9796 | 85.80 | 104 | 1.75 | ZYF159 | |
| 13 | 10646 | 114.21 | 84 | 1.05 | | | 19 | 8958 | 78.46 | 102 | 1.90 | ZYFF159 | |
| 15 | 9213 | 98.84 | 83 | 1.25 | ZYFA129 | | 22 | 7796 | 68.28 | 100 | 2.20 | | |
| 17 | 8129 | 87.21 | 81 | 1.40 | ZYFAF129 | | 24 | 6879 | 60.25 | 97 | 2.50 | | |
| 19 | 7021 | 75.32 | 80 | 1.60 | ZYF129 | | 28 | 5965 | 52.24 | 94 | 3.00 | | |
| 21 | 6524 | 69.99 | 79 | 1.75 | ZYFF129 | | | | | | | | |

选型参数表

(恒功率) 18.5kW-30kW

Selection Table

(Constant Power) 18.5kW-30kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|---------------------------|------------------------|--------|-------------------------|----------------|--|------------|
| 18.5kW | | | | | | | 22kW | | | | | | |
| 13 | 13040 | 114.21 | 78 | 0.85 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P | 24 | 8181 | 60.25 | 95 | 2.10 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P |
| 15 | 11285 | 98.84 | 78 | 1.00 | | | 28 | 7093 | 52.24 | 92 | 2.40 | | |
| 17 | 9957 | 87.21 | 77 | 1.15 | | | 32 | 6311 | 46.48 | 90 | 2.70 | | |
| 20 | 8600 | 75.32 | 76 | 1.30 | | | 37 | 5439 | 40.06 | 87 | 3.10 | | |
| 21 | 7991 | 69.99 | 75 | 1.40 | | | 45 | 4420 | 32.55 | 83 | 3.90 | | |
| 23 | 7288 | 63.83 | 74 | 1.55 | | | 15 | 13420 | 98.84 | 73 | 0.85 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P |
| 27 | 6308 | 55.25 | 73 | 1.80 | | | 17 | 11841 | 87.21 | 72 | 0.95 | | |
| 30 | 5566 | 48.75 | 71 | 2.00 | | | 20 | 10227 | 75.32 | 72 | 1.10 | | |
| 20 | 8509 | 74.52 | 44 | 0.85 | 21 | 9503 | 69.99 | 72 | 1.20 | | | | |
| 22 | 7721 | 67.62 | 46 | 0.95 | 23 | 8667 | 63.83 | 71 | 1.30 | | | | |
| 25 | 6636 | 58.12 | 46 | 1.10 | 27 | 7502 | 55.25 | 70 | 1.50 | | | | |
| 29 | 5792 | 50.73 | 46 | 1.25 | ZYFF109 | 4P | 30 | 6619 | 48.75 | 69 | 1.70 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P |
| 34 | 4913 | 43.03 | 45 | 1.50 | ZYFA109 | | 35 | 5716 | 42.10 | 67 | 2.00 | | |
| 39 | 4294 | 37.61 | 45 | 1.70 | ZYFAF109 | | 25 | 7891 | 58.12 | 43 | 0.90 | | |
| 46 | 3631 | 31.80 | 44 | 2.00 | ZYF109 | 4P | 29 | 6888 | 50.73 | 43 | 1.05 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P |
| | | | | | ZYFF109 | | 34 | 5843 | 43.03 | 43 | 1.25 | | |
| 44 | 3858 | 33.79 | 44 | 1.80 | ZYFA109 | | 39 | 5107 | 37.61 | 43 | 1.40 | | |
| 53 | 3148 | 27.57 | 43 | 2.40 | ZYFAF109 | 4P | 46 | 4318 | 31.80 | 42 | 1.70 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P |
| 58 | 2870 | 25.14 | 42 | 2.60 | ZYF109 | | | | | | | | |
| 68 | 2485 | 21.76 | 41 | 3.00 | ZYFF109 | | | | | | | | |
| 38 | 4437 | 38.86 | 19 | 0.90 | ZYFA99 | 4P | 44 | 4588 | 33.79 | 42 | 1.55 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P |
| 45 | 3711 | 32.50 | 20 | 1.10 | ZYFAF99 | | 53 | 3743 | 27.57 | 41 | 2.00 | | |
| | | | | | ZYFF99 | | 58 | 3413 | 25.14 | 41 | 2.20 | | |
| 54 | 3133 | 27.44 | 20 | 1.30 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P | 68 | 2955 | 21.76 | 40 | 2.50 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P |
| 59 | 2845 | 24.92 | 20 | 1.45 | | | 77 | 2607 | 19.20 | 39 | 2.80 | | |
| 66 | 2524 | 22.11 | 20 | 1.60 | | | 54 | 3726 | 27.44 | 18 | 1.10 | | |
| 73 | 2292 | 20.07 | 20 | 1.80 | | | 59 | 3384 | 24.92 | 18 | 1.20 | ZYFA99 ZYFAF99 ZYF99 ZYFF99 | 4P |
| 85 | 1970 | 17.25 | 19 | 2.10 | | | 66 | 3002 | 22.11 | 18 | 1.35 | | |
| 98 | 1720 | 15.06 | 19 | 2.40 | | | 73 | 2725 | 20.07 | 18 | 1.50 | | |
| 115 | 1458 | 12.77 | 19 | 2.80 | | | 85 | 2342 | 17.25 | 18 | 1.75 | | |
| 132 | 1274 | 11.16 | 18 | 3.00 | | | 98 | 2045 | 15.06 | 18 | 2.00 | | |
| 69 | 2434 | 21.32 | 10 | 1.15 | 115 | 1734 | 12.77 | 18 | 2.30 | | | | |
| 76 | 2205 | 19.31 | 11 | 1.30 | 132 | 1515 | 11.16 | 17 | 2.60 | | | | |
| 86 | 1955 | 17.12 | 11 | 1.45 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | 4P | 69 | 2895 | 21.32 | 8.5 | 1.00 | ZYFA89 ZYFAF89 ZYF89 ZYFF89 | 4P |
| 95 | 1767 | 15.48 | 11 | 1.60 | | | 76 | 2622 | 19.31 | 9.0 | 1.10 | | |
| 112 | 1498 | 13.12 | 11 | 1.90 | | | 86 | 2325 | 17.12 | 9.4 | 1.20 | | |
| 128 | 1308 | 11.46 | 11 | 2.20 | | | 95 | 2102 | 15.48 | 10 | 1.35 | | |
| 153 | 1094 | 9.58 | 11 | 2.50 | | | 112 | 1781 | 13.12 | 10 | 1.60 | | |
| 177 | 947 | 8.29 | 10 | 1.55 | | | 128 | 1556 | 11.46 | 10 | 1.85 | | |
| 200 | 839 | 7.35 | 10 | 1.75 | | | 153 | 1301 | 9.58 | 10 | 2.10 | | |
| 221 | 759 | 6.65 | 10 | 1.90 | | | 177 | 1126 | 8.29 | 10 | 1.30 | | |
| 261 | 643 | 5.63 | 10 | 2.20 | | | 200 | 998 | 7.35 | 10 | 1.45 | | |
| 299 | 562 | 4.92 | 10 | 2.60 | | | 221 | 903 | 6.65 | 10 | 1.60 | | |
| 357 | 470 | 4.12 | 9.4 | 2.90 | | 261 | 764 | 5.63 | 9.4 | 1.90 | | | |
| | | | | | | 299 | 668 | 4.92 | 9.3 | 2.20 | | | |
| | | | | | | 357 | 559 | 4.12 | 9.0 | 2.50 | | | |
| 22kW | | | | | | | 30kW | | | | | | |
| 10 | 19863 | 96.53 | 86 | 0.85 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 6P | 14 | 20087 | 108.49 | 85 | 0.85 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P |
| 11 | 17655 | 85.80 | 94 | 0.95 | | | 15 | 17873 | 96.53 | 92 | 0.95 | | |
| 12 | 16145 | 78.46 | 98 | 1.05 | | | 17 | 15886 | 85.80 | 92 | 1.10 | | |
| 14 | 14050 | 68.28 | 102 | 1.20 | | | 19 | 14527 | 78.46 | 91 | 1.20 | | |
| 10 | 19253 | 141.80 | 88 | 0.90 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P | 22 | 12642 | 68.28 | 90 | 1.35 | | |
| 12 | 16991 | 125.14 | 95 | 1.00 | | | 24 | 11155 | 60.25 | 89 | 1.55 | | |
| 14 | 14731 | 108.49 | 101 | 1.15 | | | 28 | 9672 | 52.24 | 87 | 1.75 | | |
| 15 | 13107 | 96.53 | 102 | 1.30 | | | 32 | 8606 | 46.48 | 85 | 2.00 | | |
| 17 | 11650 | 85.80 | 100 | 1.45 | | | 37 | 7417 | 40.06 | 83 | 2.30 | | |
| 19 | 10653 | 78.46 | 99 | 1.60 | | | | | | | | | |
| 22 | 9271 | 68.28 | 97 | 1.85 | | | | | | | | | |

选型参数表

(恒功率) 30kW-45kW

Selection Table

(Constant Power) 30kW-45kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole |
|---------------------------|------------------------|-------|-------------------------|----------------|--|------------|---------------------------|------------------------|-------|--|----------------|--|------------|
| 30kW | | | | | | | 37kW | | | | | | |
| 20 | 13946 | 75.32 | 63 | 0.80 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P | 91 | 3706 | 16.34 | 49 | 2.80 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P |
| 21 | 12959 | 69.99 | 63 | 0.90 | | | 102 | 3298 | 14.54 | 47 | 3.10 | | |
| 23 | 11818 | 63.83 | 64 | 0.95 | | | 118 | 2842 | 12.53 | 45 | 3.30 | | |
| 27 | 10230 | 55.25 | 63 | 1.10 | | | 145 | 2309 | 10.18 | 44 | 3.90 | | |
| 30 | 9026 | 48.75 | 63 | 1.25 | | | 167 | 2012 | 8.87 | 34 | 3.30 | | |
| 35 | 7795 | 42.10 | 62 | 1.45 | | | 188 | 1790 | 7.89 | 34 | 3.20 | | |
| 39 | 6895 | 37.24 | 61 | 1.65 | | | 54 | 6253 | 27.57 | 34 | 1.20 | ZYFA109 ZYFAF109 ZYF109 ZYFF109 | 4P |
| 47 | 5793 | 31.29 | 60 | 1.95 | | | 59 | 5702 | 25.14 | 34 | 1.30 | | |
| 58 | 4681 | 25.28 | 58 | 2.40 | | | 68 | 4935 | 21.76 | 34 | 1.50 | | |
| 55 | 4970 | 26.84 | 59 | 1.60 | 77 | 4355 | 19.20 | 33 | 1.70 | | | | |
| 60 | 4544 | 24.54 | 58 | 1.80 | 89 | 3761 | 16.58 | 33 | 1.95 | | | | |
| 69 | 3953 | 21.35 | 56 | 2.90 | 101 | 3327 | 14.67 | 32 | 2.20 | | | | |
| 78 | 3488 | 18.84 | 55 | 3.00 | 120 | 2797 | 12.33 | 31 | 2.40 | | | | |
| 34 | 7967 | 43.03 | 37 | 0.90 | 149 | 2259 | 9.96 | 30 | 2.70 | | | | |
| 39 | 6964 | 37.61 | 38 | 1.05 | 153 | 2198 | 9.69 | 29 | 2.10 | | | | |
| 46 | 5888 | 31.80 | 38 | 1.25 | 177 | 1898 | 8.37 | 29 | 2.40 | | | | |
| 53 | 5105 | 27.57 | 38 | 1.45 | 200 | 1678 | 7.40 | 77 | 2.60 | | | | |
| 58 | 4655 | 25.14 | 37 | 1.60 | 238 | 1411 | 6.22 | 78 | 3.10 | | | | |
| 68 | 4029 | 21.76 | 37 | 1.85 | 45kW | | | | | | | | |
| 77 | 3555 | 19.20 | 36 | 2.10 | 22 | 18835 | 68.28 | 77 | 0.90 | | | | |
| 89 | 3070 | 16.58 | 36 | 2.40 | 25 | 16620 | 60.25 | 78 | 1.00 | | | | |
| 100 | 2716 | 14.67 | 35 | 2.70 | 28 | 14411 | 52.24 | 77 | 1.20 | | | | |
| 119 | 2283 | 12.33 | 34 | 2.90 | 32 | 12822 | 46.48 | 77 | 1.30 | | | | |
| 148 | 1844 | 9.96 | 33 | 3.30 | 37 | 11051 | 40.06 | 76 | 1.55 | | | | |
| 66 | 4094 | 22.11 | 14 | 1.00 | 45 | 8979 | 32.55 | 74 | 1.90 | | | | |
| 73 | 3716 | 20.07 | 15 | 1.10 | 54 | 7614 | 27.60 | 72 | 2.20 | | | | |
| 85 | 3194 | 17.25 | 15 | 1.30 | 30 | 13448 | 48.75 | 52 | 0.85 | | | | |
| 98 | 2788 | 15.06 | 15 | 1.45 | 35 | 11613 | 42.10 | 53 | 0.95 | | | | |
| 115 | 2364 | 12.77 | 16 | 1.75 | 40 | 10273 | 37.24 | 53 | 1.10 | | | | |
| 132 | 2066 | 11.16 | 16 | 1.90 | 47 | 8631 | 31.29 | 53 | 1.30 | | | | |
| 162 | 1677 | 9.06 | 15 | 1.35 | 59 | 6974 | 25.28 | 53 | 1.60 | | | | |
| 179 | 1522 | 8.22 | 15 | 1.45 | 55 | 7404 | 26.84 | 53 | 1.10 | | | | |
| 208 | 1307 | 7.06 | 14 | 1.70 | 60 | 6769 | 24.54 | 53 | 1.20 | | | | |
| 238 | 1142 | 6.17 | 14 | 1.85 | 69 | 5889 | 21.35 | 52 | 1.90 | | | | |
| 281 | 968 | 5.23 | 14 | 2.10 | 79 | 5197 | 18.84 | 51 | 2.00 | | | | |
| 322 | 846 | 4.57 | 14 | 2.30 | 91 | 4507 | 16.34 | 50 | 2.30 | | | | |
| 37kW | | | | | | | 102 | 4011 | 14.54 | 49 | 2.60 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P |
| 17 | 19461 | 85.80 | 84 | 0.85 | 118 | 3456 | 12.53 | 48 | 2.70 | | | | |
| 19 | 17796 | 78.46 | 84 | 0.95 | 145 | 2808 | 10.18 | 46 | 3.20 | | | | |
| 22 | 15487 | 68.28 | 84 | 1.10 | 167 | 2447 | 8.87 | 44 | 2.70 | | | | |
| 25 | 13665 | 60.25 | 83 | 1.25 | 188 | 2176 | 7.89 | 43 | 2.60 | | | | |
| 28 | 11849 | 52.24 | 82 | 1.45 | 218 | 1876 | 6.80 | 42 | 3.50 | | | | |
| 32 | 10542 | 46.48 | 81 | 1.60 | 268 | 1525 | 5.53 | 40 | 3.70 | | | | |
| 37 | 9086 | 40.06 | 80 | 1.85 | 54 | 7605 | 27.57 | 31 | 0.95 | | | | |
| 45 | 7383 | 32.55 | 77 | 2.30 | 59 | 6935 | 25.14 | 31 | 1.05 | | | | |
| 54 | 6260 | 27.60 | 75 | 2.70 | 68 | 6003 | 21.76 | 32 | 1.25 | | | | |
| 27 | 12531 | 55.25 | 58 | 0.90 | 77 | 5296 | 19.20 | 32 | 1.40 | ZYFA109 ZBFAF109 ZYF109 ZYFF109 | 4P | | |
| 30 | 11057 | 48.75 | 58 | 1.00 | 89 | 4574 | 16.58 | 32 | 1.60 | | | | |
| 35 | 9549 | 42.10 | 57 | 1.20 | 101 | 4047 | 14.67 | 31 | 1.80 | | | | |
| 40 | 8446 | 37.24 | 56 | 1.35 | 120 | 3401 | 12.33 | 31 | 1.95 | | | | |
| 47 | 7097 | 31.29 | 56 | 1.60 | 149 | 2747 | 9.96 | 30 | 2.20 | | | | |
| 59 | 5734 | 25.28 | 55 | 1.95 | 153 | 2673 | 9.69 | 29 | 1.75 | | | | |
| 55 | 6088 | 26.84 | 54 | 1.30 | 177 | 2309 | 8.37 | 29 | 1.95 | | | | |
| 60 | 5566 | 24.54 | 53 | 1.45 | 200 | 2041 | 7.40 | 28 | 2.10 | | | | |
| 69 | 4842 | 21.35 | 52 | 2.30 | 238 | 1716 | 6.22 | 28 | 2.50 | | | | |
| 79 | 4273 | 18.84 | 51 | 2.40 | | | | | | | | | |

选型参数表

(恒功率) 55kW-110kW

Selection Table

(Constant Power) 55kW-110kW

| n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | n _a [r/min] | M _a [Nm] | i | F _{Ra} [kN] | f _B | 机型号 Type size | 极数 Pole | | |
|---------------------------|------------------------|-------|-------------------------|----------------|--|------------|--|------------------------|-------|--|----------------|--|------------|----|------|
| 55kW | | | | | | | 90kW | | | | | | | | |
| 25 | 20314 | 60.25 | 70 | 0.85 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P | 46 | 17838 | 32.55 | 58 | 0.95 | ZYFA159 ZYFAF159 | 4P | | |
| 28 | 17613 | 52.24 | 71 | 0.95 | | | 54 | 15125 | 27.60 | 58 | 1.10 | ZYF159 ZYFF159 | | | |
| 32 | 15671 | 46.48 | 71 | 1.10 | | | 52 | 15673 | 28.60 | 57 | 1.00 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | | 4P | |
| 37 | 13506 | 40.06 | 71 | 1.25 | | | 59 | 13936 | 25.43 | 56 | 1.00 | | | | |
| 45 | 10974 | 32.55 | 70 | 1.55 | | | 67 | 12144 | 22.16 | 56 | 1.40 | | | | |
| 54 | 9305 | 27.60 | 69 | 1.85 | | | 75 | 10834 | 19.77 | 55 | 1.50 | | | | |
| 52 | 9643 | 28.60 | 69 | 1.65 | 88 | 9234 | 16.85 | 54 | 1.85 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P | | | | |
| 58 | 8574 | 25.43 | 68 | 1.65 | 107 | 7650 | 13.96 | 53 | 2.10 | | | | | | |
| 67 | 7471 | 22.16 | 67 | 2.30 | 125 | 6532 | 11.92 | 52 | 2.30 | | | | | | |
| 75 | 6666 | 19.77 | 66 | 2.40 | 59 | 13854 | 25.28 | 51 | 0.80 | | | | | | |
| 88 | 5681 | 16.85 | 64 | 3.00 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P | 70 | 11700 | 21.35 | 49 | 0.95 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P | | |
| 40 | 12556 | 37.24 | 49 | 0.90 | 79 | | 10324 | 18.84 | 47 | 1.00 | | | | | |
| 47 | 10550 | 31.29 | 49 | 1.10 | 91 | | 8954 | 16.34 | 45 | 1.15 | | | | | |
| 59 | 8523 | 25.28 | 49 | 1.35 | 102 | 7968 | 14.54 | 44 | 1.30 | | | | | | |
| 69 | 7198 | 21.35 | 49 | 1.60 | 119 | 6866 | 12.53 | 34 | 1.35 | | | | | | |
| 79 | 6352 | 18.84 | 48 | 1.65 | 146 | 5579 | 10.18 | 34 | 1.60 | | | | | | |
| 91 | 5509 | 16.34 | 48 | 1.90 | 168 | 4861 | 8.87 | 34 | 1.35 | | | | | | |
| 102 | 4902 | 14.54 | 47 | 2.10 | 189 | 4324 | 7.89 | 34 | 1.30 | | | | | | |
| 118 | 4225 | 12.53 | 46 | 2.20 | 219 | 3726 | 6.80 | 34 | 1.75 | | | | | | |
| 145 | 3432 | 10.18 | 44 | 2.60 | 269 | 3030 | 5.53 | 33 | 1.85 | | | | | | |
| 167 | 2991 | 8.87 | 43 | 2.20 | 318 | 2570 | 4.69 | 33 | 2.20 | | | | | | |
| 188 | 2660 | 7.89 | 42 | 2.10 | 110kW | | | | | | | | | | |
| 218 | 2293 | 6.80 | 41 | 2.90 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P | 54 | 18486 | 27.60 | 32 | 0.90 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P | | |
| 268 | 1864 | 5.53 | 39 | 3.00 | | | 67 | 14842 | 22.16 | 31 | 1.15 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | | 4P | |
| 316 | 1581 | 4.69 | 38 | 3.60 | | | 75 | 13242 | 19.77 | 30 | 1.20 | | | | |
| 75kW | | | | | | | 88 | 11286 | 16.85 | 29 | 1.50 | | | | |
| 32 | 21369 | 46.48 | 60 | 0.80 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P | 107 | 9350 | 13.96 | 29 | 1.70 | | | | |
| 37 | 18418 | 40.06 | 61 | 0.95 | | | 125 | 7984 | 11.92 | 77 | 1.90 | | | | |
| 45 | 14965 | 32.55 | 62 | 1.15 | | | 110kW | | | | | | | | |
| 54 | 12689 | 27.60 | 62 | 1.35 | | | 54 | 18486 | 27.60 | 32 | 0.90 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P | | |
| 52 | 13149 | 28.60 | 62 | 1.25 | 67 | 14842 | 22.16 | 31 | 1.15 | | | | | | |
| 58 | 11692 | 25.43 | 62 | 1.20 | 75 | 13242 | 19.77 | 30 | 1.20 | | | | | | |
| 67 | 10188 | 22.16 | 62 | 1.70 | 88 | 11286 | 16.85 | 29 | 1.50 | | | | | | |
| 75 | 9089 | 19.77 | 61 | 1.80 | 107 | 9350 | 13.96 | 29 | 1.70 | | | | | | |
| 88 | 7747 | 16.85 | 60 | 2.20 | 125 | 7984 | 11.92 | 77 | 1.90 | | | | | | |
| 106 | 6418 | 13.96 | 59 | 2.50 | 110kW | | | | | | | | | | |
| 124 | 5480 | 11.92 | 57 | 2.80 | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P | 59 | 11623 | 25.28 | 42 | 1.00 | ZYFA159 ZYFAF159 ZYF159 ZYFF159 | 4P | | |
| 75kW | | | | | | | 69 | 9816 | 21.35 | 84 | 1.15 | | | | |
| 69 | 9816 | 21.35 | 84 | 1.15 | | | ZYFA129 ZYFAF129 ZYF129 ZYFF129 | 4P | 79 | 8662 | 18.84 | | | 84 | 1.20 |
| 79 | 8662 | 18.84 | 84 | 1.20 | | | | | 91 | 7512 | 16.34 | | | 84 | 1.40 |
| 91 | 7512 | 16.34 | 84 | 1.40 | 102 | 6685 | | | 14.54 | 83 | 1.55 | | | | |
| 102 | 6685 | 14.54 | 83 | 1.55 | 118 | 5761 | | | 12.53 | 82 | 1.65 | | | | |
| 118 | 5761 | 12.53 | 82 | 1.65 | 145 | 4680 | | | 10.18 | 81 | 1.95 | | | | |
| 145 | 4680 | 10.18 | 81 | 1.95 | 167 | 4078 | | | 8.87 | 80 | 1.65 | | | | |
| 167 | 4078 | 8.87 | 80 | 1.65 | 188 | 3627 | | | 7.89 | 77 | 1.55 | | | | |
| 188 | 3627 | 7.89 | 77 | 1.55 | 218 | 3126 | | | 6.80 | 75 | 2.10 | | | | |
| 218 | 3126 | 6.80 | 75 | 2.10 | 268 | 2542 | | | 5.53 | 58 | 2.20 | | | | |
| 268 | 2542 | 5.53 | 58 | 2.20 | 316 | 2156 | | | 4.69 | 58 | 2.70 | | | | |
| 316 | 2156 | 4.69 | 58 | 2.70 | | | | | | | | | | | |

选型参数表

(恒转矩) 200Nm-600Nm

Selection Table

(Constant Torque) 200Nm-600Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | | |
|---------------------------|---------------------------|------|-------------------------|--|--|---------------------------|--|------------|-------------------------|------------------|--------------|--|------|
| 200 | 0.16 | 8193 | 4.1 | ZYFA39R19 ZYFAF39R19 ZYF39R19 ZYFF39R19 | 0.12 | 400 | 2.1 | 619 | 5.6 | ZYFA49R19 | 0.18 | | |
| | 0.19 | 7064 | 4.1 | | | | | | | ZYFAF49R19 | | | |
| | 0.20 | 6585 | 4.1 | | | | | | | ZYF49R19 | | | |
| | 0.23 | 5756 | 4.1 | | | | ZYFF49R19 | 0.18 | | | | | |
| | 0.26 | 4962 | 4.1 | | | | ZYFA49R19 | | | | | | |
| | 0.30 | 4434 | 4.1 | | | | ZYFAF49R19 | | | | | | |
| | 0.34 | 3875 | 4.1 | | | | ZYF49R19 | | | | | | |
| | 0.39 | 3392 | 4.1 | | | | ZYFF49R19 | 0.25 | | | | | |
| | 0.44 | 2965 | 4.1 | | | | ZYFA49R19 | | | | | | |
| | 0.51 | 2587 | 4.1 | | | | ZYFAF49R19 | | | | | | |
| | 0.57 | 2284 | 4.1 | ZYF49R19 | | | | | | | | | |
| | 0.66 | 1997 | 4.1 | ZYFF49R19 | 0.37 | | | | | | | | |
| | 0.68 | 1929 | 4.1 | ZYFA49R19 | | | | | | | | | |
| | 0.78 | 1679 | 4.1 | ZYFAF49R19 | | | | | | | | | |
| | 0.85 | 1550 | 4.1 | ZYZBF49R19 | | | | | | | | | |
| | 1.0 | 1356 | 4.1 | ZYFF49R19 | 0.55 | | | | | | | | |
| | 1.1 | 1180 | 4.1 | ZYFA49R19 | | | | | | | | | |
| | 1.3 | 1044 | 4.1 | ZYFAF49R19 | | | | | | | | | |
| | 1.4 | 914 | 4.1 | ZYF49R19 | | | | | | | | | |
| | 1.6 | 808 | 4.1 | ZYFF49R19 | 600 | | | | | | | | |
| | 1.9 | 698 | 4.1 | ZYFA39R19 | | | 0.12 | | | | | | |
| | 2.1 | 616 | 4.1 | ZYFAF39R19 | | | | | | | | | |
| | 2.4 | 544 | 4.1 | ZYF39R19 | | | | | | | | | |
| | 2.8 | 466 | 4.1 | ZYFF39R19 | | | | | | | | | |
| | 3.2 | 411 | 4.1 | ZYFA39R19 | | | | | | | | | |
| | 3.6 | 364 | 4.1 | ZYFAF39R19 | | | | | | | | | |
| | 4.0 | 326 | 4.1 | ZYF39R19 | | | | | | | | | |
| | | 4.6 | 285 | 4.1 | | | | ZYFF39R19 | | | | | |
| | | | 5.2 | 250 | | | | 4.1 | ZYFA39R19 | | | | |
| | | | 6.0 | 219 | 4.1 | | | ZYFAF39R19 | | | | | |
| | | | 7.0 | 186 | 4.1 | | ZYF39R19 | | | | | | |
| | | 8.0 | 167 | 4.1 | ZYFF39R19 | | | | | | | | |
| | | | 9.2 | 145 | 4.1 | | ZYFA39R19 | | | | | | |
| | 10.3 | | 129 | 4.1 | ZYFAF39R19 | | | | | | | | |
| | 400 | 0.11 | 12251 | 5.6 | ZYFA49R19 ZYFAF49R19 ZYF49R19 ZYFF49R19 | | 0.12 | 600 | 0.09 | 14832 | 8.7 | ZYFA59R39 ZYFAF59R39 ZYF59R39 ZYFF59R39 | 0.12 |
| | | 0.12 | 10619 | 5.6 | | | | | 0.1 | 13604 | 8.7 | | |
| 0.13 | | 9845 | 5.6 | 0.1 | | 12602 | | | 8.7 | | | | |
| 0.15 | | 8534 | 5.6 | 0.12 | | 11252 | | | 8.7 | | | | |
| 0.18 | | 7460 | 5.6 | 0.13 | | 9986 | | | 8.7 | | | | |
| 0.20 | | 6536 | 5.6 | 0.15 | | 8787 | | | 8.7 | | | | |
| 0.23 | | 5746 | 5.6 | 0.17 | | 7908 | | | 8.7 | | | | |
| 0.26 | | 5022 | 5.6 | 0.19 | | 6913 | | | 8.7 | | | | |
| 0.30 | | 4401 | 5.6 | 0.22 | | 6030 | | | 8.7 | | | | |
| 0.34 | | 3883 | 5.6 | 0.25 | | 5289 | | | 8.7 | | | | |
| 0.38 | | 3443 | 5.6 | 0.28 | 4654 | 8.7 | | | | | | | |
| 0.44 | | 2976 | 5.6 | 0.32 | 4060 | 8.7 | | | | | | | |
| 0.50 | | 2629 | 5.6 | 0.37 | 3564 | 8.7 | | | | | | | |
| 0.52 | | 2519 | 5.6 | 0.41 | 3161 | 8.7 | ZYFA59R39 ZYFAF59R39 ZYF59R39 ZYFF59R39 | | 0.18 | | | | |
| | | 0.55 | 2394 | 5.6 | 0.46 | 2854 | | | | 8.7 | | | |
| | | 0.60 | 2172 | 5.6 | 0.51 | 2576 | | | | 8.7 | | | |
| | | 0.65 | 2025 | 5.6 | 0.58 | 2266 | | | | 8.7 | | | |
| | | 0.74 | 1770 | 5.6 | 0.65 | 2012 | | | | 8.7 | | | |
| | | 0.83 | 1576 | 5.6 | 0.73 | 1791 | | | | 8.7 | | | |
| | | 0.96 | 1363 | 5.6 | 0.81 | 1617 | | | | 8.7 | | | |
| | | 1.1 | 1192 | 5.6 | 0.92 | 1422 | | | | 8.7 | | | |
| | | 1.2 | 1061 | 5.6 | 1.1 | 1243 | | | | 8.7 | | | |
| | | 1.4 | 931 | 5.6 | 1.2 | 1066 | | | | 8.7 | | | |
| 1.6 | | 822 | 5.6 | 1.4 | 949 | 8.7 | | | | | | | |
| 1.9 | | 706 | 5.6 | ZYFA59R39 ZYFAF59R39 ZYF59R39 ZYFF59R39 | 0.25 | | | | | | | | |
| 2.4 | | 549 | 8.7 | | | 2.8 | 483 | | 8.7 | | | | |
| | | 3.1 | 426 | | | | 8.7 | | 3.5 | 382 | 8.7 | | |
| | | | 4 | | | | 330 | | | 8.7 | 4.5 | 298 | 8.7 |
| 4.4 | | | | | | 298 | 8.7 | | | 5.1 | | 262 | 8.7 |
| | | 4.5 | | | | 298 | 8.7 | | 5.1 | | | 262 | 8.7 |
| | | | 4.6 | | | 294 | 5.6 | | | | 5.3 | 253 | 5.6 |
| 4.7 | | | | | | 294 | 5.6 | | | 5.4 | | 253 | 5.6 |
| | | 4.8 | | | | 294 | 5.6 | | 5.5 | | | 253 | 5.6 |
| | | | 4.9 | | | 294 | 5.6 | | | | 5.6 | 253 | 5.6 |

选型参数表

(恒转矩) 600Nm-3000Nm

Selection Table

(Constant Torque) 600Nm-3000Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | | | | | | |
|---------------------------|---------------------------|-------|--|--|--------------|---------------------------|---------------------------|--|--|--|--------------|--|------|--|------|--|--|
| 600 | | | | ZYFA59R39 | 0.55 | 1500 | 0.07 | 19181 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 0.12 | | | | | | |
| | 6.2 | 226 | 8.7 | ZYFAF59R39 | | | 0.07 | 17593 | 15 | | | | | | | | |
| | 7.0 | 200 | 8.7 | ZYF59R39 | | | 0.08 | 16128 | 15 | | | | | | | | |
| | | | | ZYFF59R39 | | | 0.09 | 14978 | 15 | | | | | | | | |
| | 8.2 | 170 | 8.7 | ZYFA59R39 | 0.1 | | 13731 | 15 | | | | | | | | | |
| | 9.1 | 152 | 8.7 | ZYFAF59R39 | 0.11 | | 12049 | 15 | | | | | | | | | |
| 820 | | | | ZYF59R39 | 0.75 | | 0.12 | 11035 | 15 | | | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 0.12 | | | | |
| | 10 | 134 | 8.7 | ZYFF59R39 | | | 0.14 | 9684 | 15 | | | | | | | | |
| | | | | | | | 0.15 | 8465 | 15 | | | | | | | | |
| | 0.07 | 19198 | 8.7 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 0.12 | | 0.17 | 7520 | 15 | | | | | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 0.18 | | |
| | 0.07 | 17609 | 8.7 | | | | 0.2 | 6581 | 15 | | | | | | | | |
| | 0.09 | 14992 | 8.7 | | | | 0.23 | 5808 | 15 | | | | | | | | |
| | 0.10 | 12926 | 8.7 | | | | 0.26 | 5026 | 15 | | | | | | | | |
| | 0.11 | 11480 | 8.7 | | | | 0.3 | 4436 | 15 | | | | | | | | |
| | 0.13 | 10220 | 8.7 | | | | 0.34 | 3832 | 15 | | | | | | | | |
| | 0.15 | 8934 | 8.7 | | | | 0.44 | 2978 | 15 | | | | | | | | |
| | 0.16 | 7940 | 8.7 | | | | 0.5 | 2613 | 15 | | | | | | | | |
| | 0.18 | 7096 | 8.7 | | | | 0.57 | 2284 | 15 | | | | | | | | |
| | 0.22 | 6080 | 8.7 | | | | | | | | | | | | | | |
| | 0.25 | 5342 | 8.7 | | | | | | | | | | | | | | |
| | 0.28 | 4690 | 8.7 | | | | | | | | | | | | | | |
| | 0.32 | 4091 | 8.7 | | | | | | | | | | | | | | |
| | 0.37 | 3574 | 8.7 | | | | | | | | | | | | | | |
| | 0.42 | 3133 | 8.7 | | | | | | | | | | | | | | |
| | 0.48 | 2756 | 8.7 | | | | | | | | | | | | | | |
| | 0.54 | 2440 | 8.7 | | | | | | | | | | | | | | |
| | 0.39 | 3377 | 8.7 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 0.12 | | 0.65 | 2030 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 0.18 | | | | | | |
| | 0.45 | 2912 | 8.7 | | | | 0.76 | 1728 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | 0.18 | | | | | |
| | 0.48 | 2714 | 8.7 | | | 0.85 | 1544 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | | | | | | | |
| | 0.55 | 2373 | 8.7 | | | 0.97 | 1354 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | | | | | | | |
| | 0.62 | 2126 | 8.7 | | | 1.1 | 1200 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 0.25 | | | | | | | |
| | 0.80 | 1631 | 8.7 | | | 1.3 | 1053 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | | | | | | | |
| | 0.91 | 1438 | 8.7 | | | | | | | | | | | | | | |
| | 1.0 | 1257 | 8.7 | | | | | | | | | | | | | | |
| | 1.2 | 1126 | 8.7 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 0.18 | 1.5 | 910 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 0.37 | | | | | | | |
| | 1.3 | 984 | 8.7 | | | 1.6 | 810 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | | | | | | | |
| | 1.5 | 864 | 8.7 | | | 1.9 | 710 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | | | | | | | |
| | 1.8 | 722 | 8.7 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 0.25 | 2.3 | 615 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 0.55 | | | | | | | |
| | 2.1 | 633 | 8.7 | | | 2.6 | 538 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | | | | | | | |
| | 2.5 | 539 | 8.7 | | | 2.9 | 480 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | | | | | | | |
| | 0.70 | 1884 | 10 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 0.12 | 3.4 | 413 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | 0.75 | | | | | | | |
| | | | | 3.8 | | 367 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | | | | | | | | |
| | | | | 4.3 | | 323 | 15 | ZYFA79R39 ZYFAF79R39 ZYF79R39 ZYFF79R39 | | | | | | | | | |
| | 2.7 | 500 | 10 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 0.37 | 3000 | 0.06 | 23042 | 19 | ZYFA89R59 ZYFAF89R59 ZYF89R59 ZYFF89R59 | 0.12 | | | | | | |
| 2.9 | 454 | 10 | 0.06 | | | 20462 | 19 | | | | | | | | | | |
| 3.4 | 392 | 10 | 0.07 | | | 18237 | 19 | | | | | | | | | | |
| | | | 0.08 | 15876 | 19 | | | | | | | | | | | | |
| | | | 0.09 | 14099 | 19 | | | | | | | | | | | | |
| | | | 0.11 | 12204 | 19 | | | | | | | | | | | | |
| | | | 0.13 | 10433 | 19 | | | | | | | | | | | | |
| | | | 0.14 | 9380 | 19 | | | | | | | | | | | | |
| | | | 0.16 | 8142 | 19 | | | | | | | | | | | | |
| | | | 0.18 | 7100 | 19 | | | | | | | | | | | | |
| | | | 0.21 | 6273 | 19 | | | | | | | | | | | | |
| | | | 0.24 | 5510 | 19 | | | | | | | | | | | | |
| | | | 0.26 | 4954 | 19 | | | | | | | | | | | | |
| 4.2 | 333 | 10 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 0.55 | | | | | | | | | | | | | |
| 4.7 | 297 | 10 | | | | | | | | | | | | | | | |
| 5.3 | 261 | 10 | | | | | | | | | | | | | | | |
| 5.8 | 238 | 10 | | | | | | | | | | | | | | | |
| 7.0 | 200 | 10 | ZYFA69R39 ZYFAF69R39 ZYF69R39 ZYFF69R39 | 0.75 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

选型参数表

(恒转矩) 3000Nm-7680Nm

Selection Table

(Constant Torque) 3000Nm-7680Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | |
|---------------------------|---------------------------|-------|-------------------------|--|--|---------------------------|---------------------------|-------|-------------------------|------------------|--------------|-------------|
| 3000 | | | | ZYFA89R59 | 0.18 | 4300 | 1.2 | 1171 | 28 | ZYFA99R59 | 0.75 | |
| | 0.31 | 4245 | 19 | ZYFAF89R59 | | | | 1.4 | 1022 | 28 | | ZYFAF99R59 |
| | 0.35 | 3721 | 19 | ZYF89R59 | | | | | | ZYF99R59 | | |
| | | | | ZYFF89R59 | | | | | | ZYFF99R59 | | |
| | | 0.40 | 3244 | 19 | ZYFA89R59 | 0.18 | | 1.6 | 898 | 28 | ZYFA99R59 | 1.1 |
| | | 0.45 | 2881 | 19 | ZYFAF89R59 | | | 1.8 | 785 | 28 | ZYFAF99R59 | |
| | | | | ZYF89R59 | | | 2.0 | 690 | 28 | ZYF99R59 | | |
| | | | | ZYFF89R59 | | | | | ZYFF99R59 | | | |
| | | 0.52 | 2575 | 19 | ZYFA89R59 | 0.25 | | 2.3 | 605 | 28 | ZYFA99R59 | 1.5 |
| | | 0.60 | 2199 | 19 | ZYFAF89R59 | | | 2.6 | 529 | 28 | ZYFAF99R59 | |
| | | 0.69 | 1930 | 19 | ZYF89R59 | | | 3.0 | 467 | 28 | ZYF99R59 | |
| | | | | ZYFF89R59 | | | | | ZYFF99R59 | | | |
| | | 0.78 | 1709 | 19 | ZYFA89R59 | 0.37 | | 3.5 | 406 | 28 | ZYFA99R59 | 2.2 |
| | | 0.89 | 1493 | 19 | ZYFAF89R59 | | | 3.9 | 363 | 28 | ZYFAF99R59 | |
| | | | | ZYF89R59 | | | | | ZYF99R59 | | | |
| | | | | ZYFF89R59 | | | | | ZYFF99R59 | | | |
| | | 1.1 | 1300 | 19 | ZYFA89R59 | 0.55 | | 5.0 | 285 | 28 | ZYFA99R59 | 3 |
| | | 1.2 | 1148 | 19 | ZYFAF89R59 | | | 5.8 | 245 | 28 | ZYFAF99R59 | |
| | | 1.4 | 1010 | 19 | ZYF89R59 | | | | | ZYF99R59 | | |
| | | 1.6 | 887 | 19 | ZYFF89R59 | | | | | ZYFF99R59 | | |
| | 1.8 | 780 | 19 | ZYFA89R59 | 0.75 | 7680 | 0.05 | 25375 | 47 | ZYFA109R79 | 0.12 | |
| | 2.1 | 674 | 19 | ZYFAF89R59 | | | | 0.06 | 21652 | 47 | | ZYFAF109R79 |
| | | | | ZYF89R59 | | | | 0.07 | 18933 | 47 | | ZYF109R79 |
| | | | | ZYFF89R59 | | | | 0.08 | 16889 | 47 | | ZYFF109R79 |
| | | | | | | | 0.09 | 14768 | 47 | | | |
| | 2.3 | 609 | 19 | ZYZFA89R59 | 1.1 | | | 0.12 | 11347 | 47 | ZYFA109R79 | 0.18 |
| | 2.7 | 515 | 19 | ZYFAF89R59 | | | | 0.13 | 10039 | 47 | ZYFAF109R79 | |
| | 3.1 | 452 | 19 | ZYF89R59 | | | | 0.15 | 8548 | 47 | ZYF109R79 | |
| | | | | ZYFF89R59 | | | | 0.17 | 7675 | 47 | ZYFF109R79 | |
| | 4.1 | 345 | 19 | ZYFA89R59 | 1.5 | | | 0.20 | 6768 | 47 | ZYFA109R79 | 0.25 |
| | | | | ZYFAF89R59 | | | | 0.22 | 5954 | 47 | ZYFAF109R79 | |
| | | | | ZYF89R59 | | | | 0.25 | 5223 | 47 | ZYF109R79 | |
| | | | | ZYFF89R59 | | | | | | ZYFF109R79 | | |
| 4300 | 0.06 | 20814 | 28 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 0.12 | | | 0.29 | 4567 | 47 | ZYFA109R79 | 0.37 |
| | 0.07 | 18119 | 28 | | | | | 0.38 | 3521 | 47 | ZYFAF109R79 | |
| | 0.08 | 15472 | 28 | | | | | | | | ZYF109R79 | 0.55 |
| | 0.09 | 14022 | 28 | | | | | | | ZYFF109R79 | | |
| | 0.11 | 12324 | 28 | | | | 0.46 | 3037 | 47 | ZYFA109R79 | | |
| | 0.12 | 10839 | 28 | | | | 0.50 | 2756 | 47 | ZYFAF109R79 | | |
| | 0.14 | 9576 | 28 | | | | 0.59 | 2369 | 47 | ZYF109R79 | | |
| | 0.16 | 8318 | 28 | | | | | | | ZYFF109R79 | | |
| | 0.18 | 7327 | 28 | | | | | | | | | |
| | 0.20 | 6469 | 28 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 0.18 | | 0.67 | 2068 | 47 | ZYFA109R79 | 0.75 | |
| | 0.23 | 5615 | 28 | | | | 0.76 | 1826 | 47 | ZYFAF109R79 | | |
| | 0.26 | 4961 | 28 | | | | | | | ZYF109R79 | 1.1 | |
| | 0.30 | 4333 | 28 | | | | | | | ZYFF109R79 | | |
| | 0.34 | 3906 | 28 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 0.25 | | 0.88 | 1597 | 47 | ZYFA109R79 | 1.5 | |
| | 0.40 | 3352 | 28 | | | | 1.00 | 1401 | 47 | ZYFAF109R79 | | |
| | 0.46 | 2907 | 28 | | | | 1.1 | 1243 | 47 | ZYF109R79 | | |
| | | | | | | | | | | ZYFF109R79 | | |
| | | 0.52 | 2553 | 28 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 0.37 | | 1.3 | 1087 | 47 | ZYFA109R79 | 2.2 |
| | | 0.59 | 2245 | 28 | | | | 1.5 | 950 | 47 | ZYFAF109R79 | |
| | | 0.68 | 1970 | 28 | | | | | | | ZYF109R79 | |
| | | | | | | | | | | ZYFF109R79 | | |
| | 0.81 | 1723 | 28 | ZYFA99R59 ZYFAF99R59 ZYF99R59 ZYFF99R59 | 0.55 | | 1.7 | 834 | 47 | ZYFA109R79 | | |
| | 0.91 | 1528 | 28 | | | | 1.9 | 736 | 47 | ZYFAF109R79 | | |
| | 1.0 | 1327 | 28 | | | | 2.2 | 640 | 47 | ZYF109R79 | | |
| | | | | | | | | | | ZYFF109R79 | | |

选型参数表

(恒转矩) 7680Nm-18000Nm

Selection Table

(Constant Torque) 7680Nm-18000Nm

| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P |
|---------------------------|---------------------------|-------|-------------------------|------------------|--------------|---------------------------|---------------------------|-------------|-------------------------|--|--------------|
| 7680 | 2.6 | 560 | 47 | ZYFA109R79 | 3 | 12000 | 3.4 | 428 | 86 | ZYFA129R79 | 5.5 |
| | 2.9 | 489 | 47 | ZYFAF109R79 | | | 3.8 | 375 | 86 | ZYFAF129R79 | |
| | 3.3 | 436 | 47 | ZYF109R79 | | | | | | ZYF129R79 | |
| | | | | ZYFF109R79 | | | | | | ZYFF129R79 | |
| | 3.9 | 370 | 47 | ZYFA109R79 | 4 | | 3.0 | 485 | 86 | ZYFA129R89 | 5.5 |
| | 4.3 | 333 | 47 | ZYFAF109R79 | | | 3.4 | 418 | 86 | ZYFAF129R89 | |
| | | | | ZYF109R79 | | | 3.8 | 375 | 86 | ZYF129R89 | |
| | | | | ZYFF109R79 | | | | | | ZYFF129R89 | |
| 12000 | 0.05 | 24450 | 86 | ZYFA129R79 | 0.12 | 4.6 | 312 | 86 | ZYFA129R89 | 7.5 | |
| | 0.06 | 22298 | 86 | ZYFAF129R79 | | 4.9 | 293 | 86 | ZYFAF129R89 | | |
| | 0.07 | 19026 | 86 | ZYF129R79 | | | | | ZYF129R89 | | |
| | | | | ZYFF129R79 | | | | | ZYFF129R89 | | |
| | 0.08 | 16637 | 86 | ZYFA129R79 | 0.18 | 5.6 | 259 | 86 | ZYFA129R89 | 7.5 | |
| | 0.09 | 14705 | 86 | ZYFAF129R79 | | 6.5 | 223 | 86 | ZYFAF129R89 | | |
| | 0.10 | 12912 | 86 | ZYF129R79 | | | | | ZYF129R89 | | |
| | 0.11 | 11643 | 86 | ZYFF129R79 | | | | | ZYFF129R89 | | |
| | 0.13 | 10180 | 86 | ZYFA129R79 | 0.25 | | | | ZYFA129R89 | 11 | |
| | 0.15 | 8822 | 86 | ZYFAF129R79 | | | | | ZYFAF129R89 | | |
| | | | | ZYF129R79 | | | | | ZYF129R89 | | |
| | | | | ZYFF129R79 | | | | | ZYFF129R89 | | |
| | 0.17 | 7634 | 86 | ZYFA129R79 | 0.37 | 18000 | 0.04 | 31434 | 95 | ZYFA159R99 ZYFAF159R99 ZYF159R99 ZYFF159R99 | 0.55 |
| | 0.20 | 6708 | 86 | ZYFAF129R79 | | | 0.05 | 26173 | 95 | | |
| | 0.22 | 5919 | 86 | ZYF129R79 | | | 0.06 | 23464 | 95 | | |
| | | | | ZYFF129R79 | | | 0.07 | 20212 | 95 | | |
| | 0.27 | 5147 | 86 | ZYFA129R79 | 0.08 | | 17984 | 95 | | | |
| | 0.31 | 4528 | 86 | ZYFAF129R79 | 0.08 | | 16358 | 95 | | | |
| | 0.35 | 3922 | 86 | ZYF129R79 | 0.10 | | 13751 | 95 | | | |
| | | | | ZYFF129R79 | 0.11 | | 12235 | 95 | | | |
| 0.40 | 3450 | 86 | ZYFA129R79 | 0.75 | 0.14 | | 10033 | 95 | ZYFA159R99 | 1.1 | |
| 0.46 | 3028 | 86 | ZYFAF129R79 | | 0.16 | | 9021 | 95 | ZYFAF159R99 | | |
| | | | ZYF129R79 | | 0.17 | | 8026 | 95 | ZYF159R99 | | |
| | | | ZYFF129R79 | | | | | ZYFF159R99 | | | |
| 0.52 | 2669 | 86 | ZYFA129R79 | 0.75 | 0.20 | 7075 | 95 | ZYFA159R99 | 0.55 | | |
| | | | ZYFAF129R79 | | 0.22 | 6295 | 95 | ZYFAF159R99 | | | |
| | | | ZYF129R79 | | | | | ZYF159R99 | | | |
| | | | ZYFF129R79 | | | | | ZYFF159R99 | | | |
| 0.59 | 2354 | 86 | ZYFA129R79 | 1.1 | 0.26 | 5404 | 95 | ZYFA159R99 | 0.75 | | |
| 0.69 | 2035 | 86 | ZYFAF129R79 | | | | | ZYFAF159R99 | | | |
| 0.79 | 1782 | 86 | ZYF129R79 | | | | | ZYF159R99 | | | |
| | | | ZYFF129R79 | | | | | ZYFF159R99 | | | |
| 0.87 | 1605 | 86 | ZYFA129R79 | 1.5 | 0.29 | 4831 | 95 | ZYFA159R99 | 1.1 | | |
| 1.0 | 1389 | 86 | ZYFAF129R79 | | 0.34 | 4130 | 95 | ZYFAF159R99 | | | |
| | | | ZYF129R79 | | | | | ZYF159R99 | | | |
| | | | ZYFF129R79 | | | | | ZYFF159R99 | | | |
| 1.2 | 1219 | 86 | ZYFA129R79 | 2.2 | 0.40 | 3607 | 95 | ZYFA159R99 | 2.2 | | |
| 1.3 | 1075 | 86 | ZYFAF129R79 | | 0.45 | 3210 | 95 | ZYFAF159R99 | | | |
| | | | ZYF129R79 | | | | | ZYF159R99 | | | |
| | | | ZYFF129R79 | | | | | ZYFF159R99 | | | |
| 1.7 | 819 | 86 | ZYFA129R79 | 3 | 0.50 | 2780 | 95 | ZYFA159R99 | 1.1 | | |
| 2.0 | 726 | 86 | ZYFAF129R79 | | | | | ZYFAF159R99 | | | |
| | | | ZYF129R79 | | | | | ZYF159R99 | | | |
| | | | ZYFF129R79 | | | | | ZYFF159R99 | | | |
| 2.6 | 548 | 86 | ZYFA129R79 | 4 | 0.99 | 1441 | 95 | ZYFA159R99 | 2.2 | | |
| 2.9 | 494 | 86 | ZYFAF129R79 | | | | | ZYFAF159R99 | | | |
| | | | ZYF129R79 | | | | | ZYF159R99 | | | |
| | | | | ZYFF129R79 | | | | | | ZYFF159R99 | |

选型参数表

(恒转矩) 18000Nm

Selection Table

(Constant Torque) 18000Nm

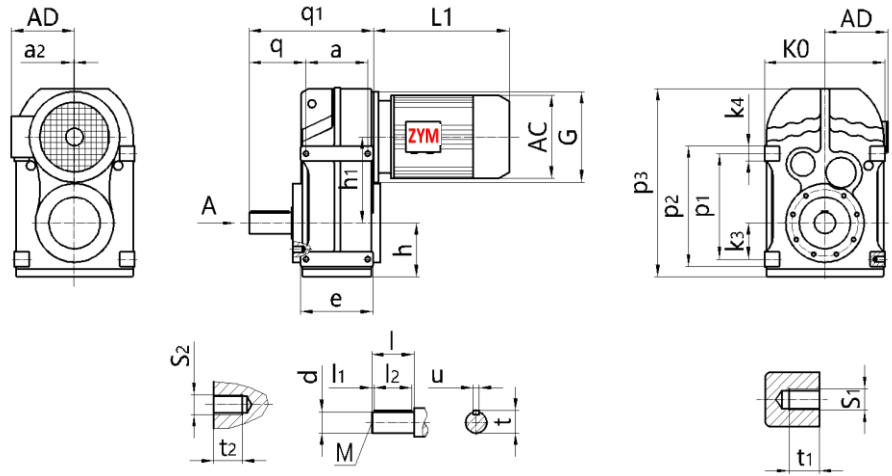
| M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | M _{amax} [Nm] | n _a [r/min] | i | F _{Ra} [kN] | 机型号 Type size | P [kW]/4P | |
|---------------------------|---------------------------|------|-------------------------|------------------|--------------|---------------------------|---------------------------|------------|-------------------------|------------------|--------------|-----|
| 18000 | 0.58 0.64 | 2427 | 95 | ZYFA159R99 | 1.5 | 18000 | 2.9 3.3 | 503 446 | 95 | ZYFA159R99 | 7.5 | |
| | | | 95 | ZYFAF159R99 | | | | | ZYFAF159R99 | | | |
| | | 1944 | 95 | ZYF159R99 | | | ZYF159R99 | | | | | |
| | | | 95 | ZYFF159R99 | | | ZYFF159R99 | | | | | |
| | 0.74 0.85 | 1674 | 95 | ZYFA159R99 | 2.2 | | | 4.1 | 353 | 95 | ZYFA159R99 | 7.5 |
| | | | 95 | ZYFAF159R99 | | | | | | ZYFAF159R99 | | |
| | | 1308 | 95 | ZYZBF159R99 | | | | ZYF159R99 | | | | |
| | | | 95 | ZYFF159R99 | | | | ZYFF159R99 | | | | |
| | 1.09 1.22 | 1169 | 95 | ZYFA159R99 | 3 | | | 4.8 5.3 | 302 273 | 95 | ZYFA159R99 | 11 |
| | | | 95 | ZYFAF159R99 | | | | | | ZYFAF159R99 | | |
| | | 953 | 95 | ZYF159R99 | | | | ZYF159R99 | | | | |
| | | | 95 | ZYFF159R99 | | | | ZYFF159R99 | | | | |
| | 1.5 1.7 1.9 | 845 | 95 | ZYFA159R99 | 4 | | | 6.3 7.2 | 232 202 | 95 | ZYFA159R99 | 15 |
| | | | 95 | ZYFAF159R99 | | | | | | ZYFAF159R99 | | |
| | | 95 | ZYF159R99 | ZYF159R99 | | | | | | | | |
| | | 95 | ZYFF159R99 | ZYFF159R99 | | | | | | | | |
| 2.1 2.5 | 680 | 95 | ZYFA159R99 | 5.5 | | 7.5 | | 197 | 95 | ZYFA159R99 | 18.5 | |
| | | 95 | ZYFAF159R99 | | | | | | ZYFAF159R99 | | | |
| | 576 | 95 | ZYF159R99 | | | ZYF159R99 | | | | | | |
| | | 95 | ZYFF159R99 | | | ZYFF159R99 | | | | | | |

安装结构尺寸

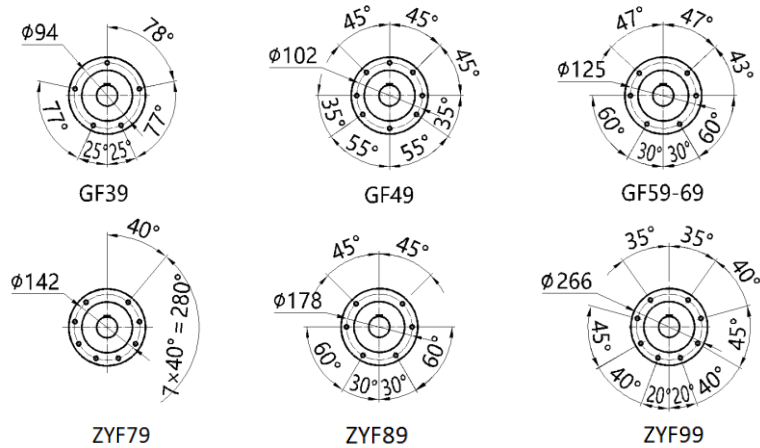
ZYF39-159

Mounting Dimensional Description

ZYF39-159



A向法兰安装结构尺寸 (Fig.A Mounting Dimension)



| 机 型 号 Type Size | q ₁ S ₁ | q t ₁ | a u | h ₁ t | h l ₁ | e l ₂ | p ₃ l | p ₂ d | p ₁ M | k ₃ S ₂ | k ₄ t ₂ | K0 a ₂ | G | 电机尺寸 Motor Size | | |
|--------------------|----------------------------------|---------------------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------------------|----------------------------------|----------------------|------|---|----|----|
| | | | | | | | | | | | | | | AC | AD | L1 |
| ZYF39 | 160 M8 | 72.5 15 | 77 8 | 112 28 | 77 5 | 95 40 | 256 50 | 135 Φ25k6 | 115 M10 | 31 M8 | 20 15 | 165 / | Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYF49 | 193 M10 | 91 15 | 93 8 | 128.1 33 | 80 3.5 | 109 50 | 276 60 | 165 Φ30k6 | 145 M10 | 43 M8 | 25 14 | 180 / | Φ120 | | | |
| ZYF59 | 220 M12 | 104.5 17 | 102 10 | 136 38 | 93 7 | 127 56 | 321 70 | 195 Φ35k6 | 170 M12 | 55 M12 | 25 20 | 200 / | Φ160 | | | |
| ZYF69 | 242 M12 | 118.5 17 | 112 12 | 159.5 43 | 97 5 | 131 70 | 348 80 | 215 Φ40k6 | 190 M16 | 60 M12 | 25 22 | 212 / | Φ160 | | | |
| ZYF79 | 294 M16 | 137.5 26 | 140 14 | 200 53.5 | 122 10 | 170 80 | 430 100 | 275 Φ50k6 | 240 M16 | 70 M12 | 35 17 | 270 / | Φ200 | | | |
| ZYF89 | 344 M16 | 163 26 | 165 18 | 246.7 64 | 150 5 | 195 110 | 534 120 | 350 Φ60m6 | 310 M20 | 100 M16 | 40 29 | 330 / | Φ250 | | | |
| ZYF99 | 415 M20 | 189.5 33 | 205 20 | 285 74.5 | 180 7.5 | 240 125 | 630 140 | 400 Φ70m6 | 350 M20 | 120 M16 | 50 28 | 400 / | Φ300 | | | |
| ZYF109 | 484 M24 | 241.5 38 | 220 25 | 332.4 95 | 200 5 | 260 160 | 720 170 | 460 Φ90m6 | 400 M24 | 125 / | 60 / | 450 / | Φ350 | | | |
| ZYF129 | 586 M30 | 292 45 | 270 28 | 382.6 116 | 236 15 | 316 180 | 861 210 | 520 Φ110m6 | 450 M24 | 142 / | 70 / | 530 10 | Φ450 | | | |
| ZYF159 | 662 M36 | 325 55 | 310 32 | 447 127 | 286 5 | 364 200 | 1021 210 | 620 Φ120m6 | 540 M24 | 170 / | 80 / | 660 15 | Φ550 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

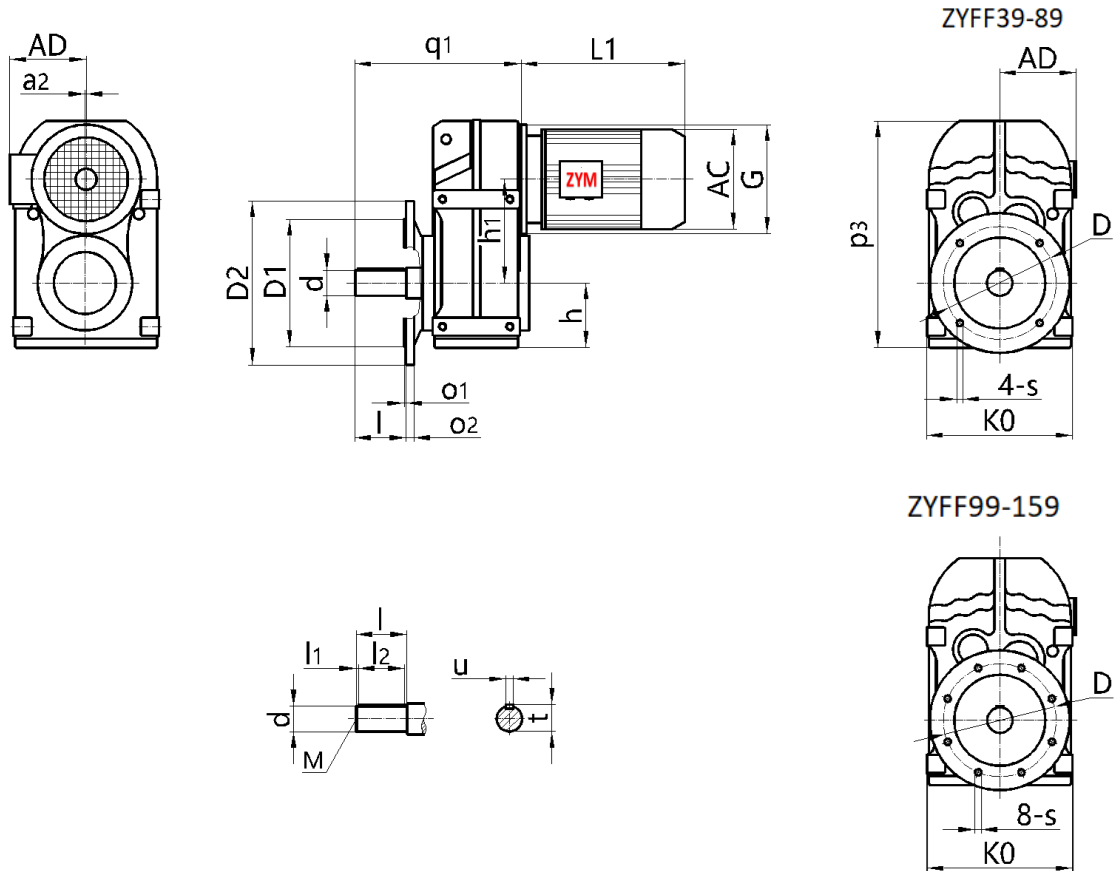
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYFF39-159

Mounting Dimensional Description

ZYFF39-159



| 机 型 号 Type Size | q ₁ s | o ₂ D | o ₁ K0 | d u | D1 t | D2 l ₁ | h ₁ l ₂ | h l | p ₃ M | G a ₂ | 电机尺寸 Motor Size | | |
|--------------------|---------------------|---------------------|----------------------|--------------|----------------|----------------------|----------------------------------|------------|---------------------|---------------------|---|----|----|
| | | | | | | | | | | | AC | AD | L1 |
| ZYFF39 | 184 Φ9 | 10 Φ130 | 3.5 165 | Φ25k6 8 | Φ110j6 28 | Φ160 5 | 112 40 | 77 50 | 256 M10 | Φ120 / | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYFF49 | 218 Φ11 | 12 Φ165 | 3.5 180 | Φ30k6 8 | Φ130j6 33 | Φ200 3.5 | 128.1 50 | 80 60 | 276 M10 | Φ120 / | | | |
| ZYFF59 | 243.5 Φ13.5 | 15 Φ215 | 4 200 | Φ35k6 10 | Φ180j6 38 | Φ250 7 | 136 56 | 93 70 | 321 M12 | Φ160 / | | | |
| ZYFF69 | 264 Φ13.5 | 15 Φ215 | 4 212 | Φ40k6 12 | Φ180j6 43 | Φ250 5 | 159.5 70 | 97 80 | 348 M16 | Φ160 / | | | |
| ZYFF79 | 330 Φ13.5 | 16 Φ265 | 4 270 | Φ50k6 14 | Φ230j6 53.5 | Φ300 10 | 200 80 | 122 100 | 430 M16 | Φ200 / | | | |
| ZYFF89 | 374 Φ17.5 | 18 Φ300 | 5 330 | Φ60m6 18 | Φ250h6 64 | Φ350 5 | 246.7 110 | 150 120 | 534 M20 | Φ250 / | | | |
| ZYFF99 | 456 Φ17.5 | 22 Φ400 | 5 400 | Φ70m6 20 | Φ350h6 74.5 | Φ450 7.5 | 285 125 | 180 140 | 630 M20 | Φ300 / | | | |
| ZYFF109 | 523 Φ17.5 | 22 Φ400 | 5 450 | Φ90m6 25 | Φ350h6 95 | Φ450 5 | 332.4 160 | 201 170 | 723 M24 | Φ350 / | | | |
| ZYFF129 | 634 Φ17.5 | 25 Φ500 | 5 530 | Φ110m6 28 | Φ450h6 116 | Φ550 15 | 382.6 180 | 236 210 | 861 M24 | Φ450 10 | | | |
| ZYFF159 | 725 Φ22 | 28 Φ600 | 6 660 | Φ120m6 32 | Φ550h6 127 | Φ660 5 | 447 200 | 286 210 | 1021 M24 | Φ550 15 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

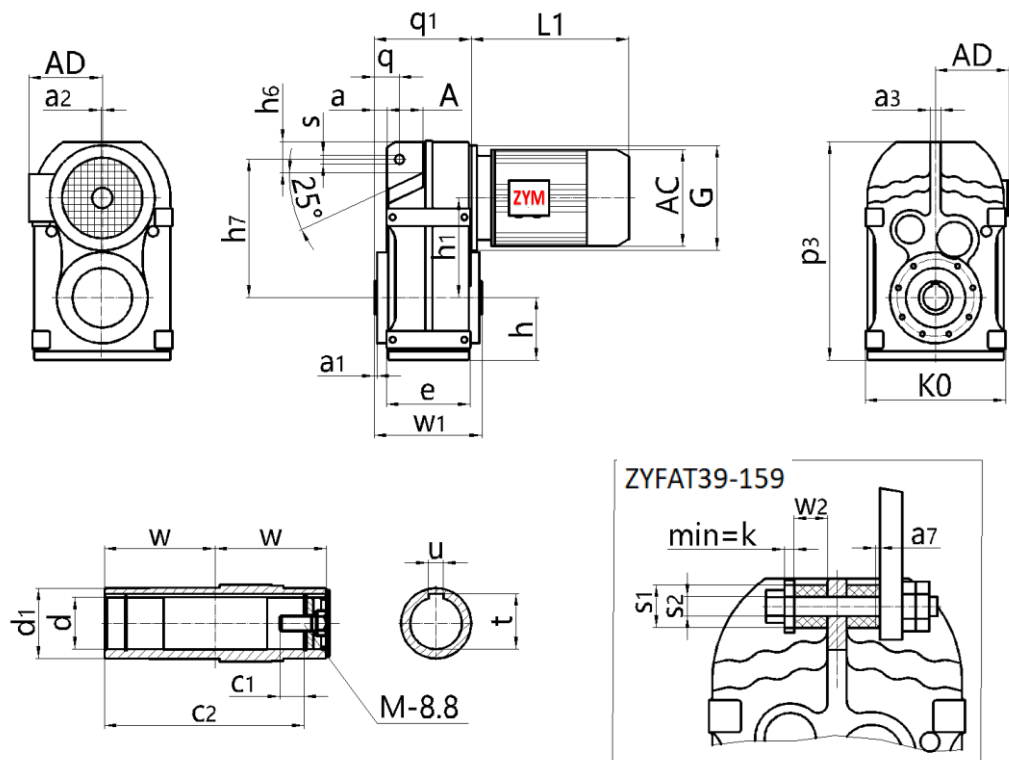
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYFA39-159

Mounting Dimensional Description

ZYFA39-159



螺栓、螺母、垫片均不在标准供货范围内

| 机 型 号 Type Size | q ₁ a ₂ | q d | A d ₁ | a w | h ₇ c ₁ | h ₆ s | h ₁ u | h t | a ₁ s ₁ | e s ₂ | w ₁ k | p ₃ w ₂ | a ₃ a ₇ | K0 G | c ₂ M | 电机尺寸 Motor Size | | |
|--------------------|----------------------------------|---------------|---------------------|-------------|----------------------------------|---------------------|---------------------|--------------|----------------------------------|------------------------------|---------------------|----------------------------------|----------------------------------|-------------|---------------------|---|----|----|
| | | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYFA39 | 110 / | 31.5 Φ30H7 | 46 Φ45 | 15 60 | 158 17 | 30 Φ14 | 112 8 | 77 33.3 | 2.5 Φ40 | 95 Φ12.5 ^{+0.5} | 123 5 | 256 20 | 12 1 | 165 Φ120 | 105 M10×25 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYFA49 | 133 / | 32 Φ35H7 | 64 Φ50 | 12 75 | 170 22 | 22 Φ14 | 128.1 10 | 80 38.3 | 3 Φ40 | 109 Φ12.5 ^{+0.5} | 153 5 | 276 20 | 12 1.8 | 180 Φ120 | 132 M12×30 | | | |
| ZYFA59 | 150 / | 40.5 Φ40H7 | 60 Φ55 | 19.5 83 | 198 29 | 31 Φ14 | 136 12 | 93 43.3 | 3 Φ40 | 127 Φ12.5 ^{+0.5} | 170 5 | 321 20 | 14 2.4 | 200 Φ160 | 142 M16×40 | | | |
| ZYFA69 | 161 / | 41 Φ40H7 | 65 Φ55 | 21 90 | 218 29 | 40 Φ14 | 159.5 12 | 97 43.3 | 3.5 Φ40 | 131 Φ12.5 ^{+0.5} | 184 5 | 348 20 | 16 3 | 212 Φ160 | 156 M16×40 | | | |
| ZYFA79 | 193 / | 50 Φ50H7 | 69 Φ70 | 26.5 105 | 278 32 | 49 Φ22 | 200 14 | 122 53.8 | 4 Φ60 | 170 Φ21 ^{+0.5} | 213 10 | 430 30 | 20 3.2 | 270 Φ200 | 183 M16×45 | | | |
| ZYFA89 | 224 / | 62 Φ60H7 | 79 Φ85 | 32 120 | 346 36 | 57 Φ22 | 246.7 18 | 150 64.4 | 4 Φ60 | 195 Φ21 ^{+0.5} | 243 10 | 534 30 | 26 4.5 | 330 Φ250 | 210 M20×50 | | | |
| ZYFA99 | 274 / | 70 Φ70H7 | 104 Φ95 | 32 150 | 395 34 | 88 Φ26 | 285 20 | 180 74.9 | 4 Φ80 | 240 Φ25 ^{+0.5} | 303 12 | 630 40 | 30 5 | 400 Φ300 | 270 M20×50 | | | |
| ZYFA109 | 312 / | 88 Φ90H7 | 100 Φ118 | 57 175 | 485 40 | 108 Φ26 | 332.4 25 | 201 95.4 | 2.5 Φ80 | 260 Φ25 ^{+0.5} | 353 12 | 720 40 | 36 6 | 450 Φ350 | 313 M24×60 | | | |
| ZYFA129 | 373 10 | 110 Φ100H7 | 125 Φ135 | 66 205 | 550 38 | 138 Φ33 | 382.6 28 | 236 106.4 | 2.5 Φ100 | 316 Φ32 ^{+0.5} | 413 15 | 861 60 | 40 9 | 530 Φ450 | 373 M24×60 | | | |
| ZYFA159 | 455 15 | 150 Φ120H7 | 140 Φ155 | 98 250 | 660 36 | 170 Φ33 | 447 32 | 286 127.4 | 3 Φ120 | 364 Φ32 ^{+0.5} | 503 15 | 1021 60 | 45 9 | 660 Φ550 | 460 M24×60 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

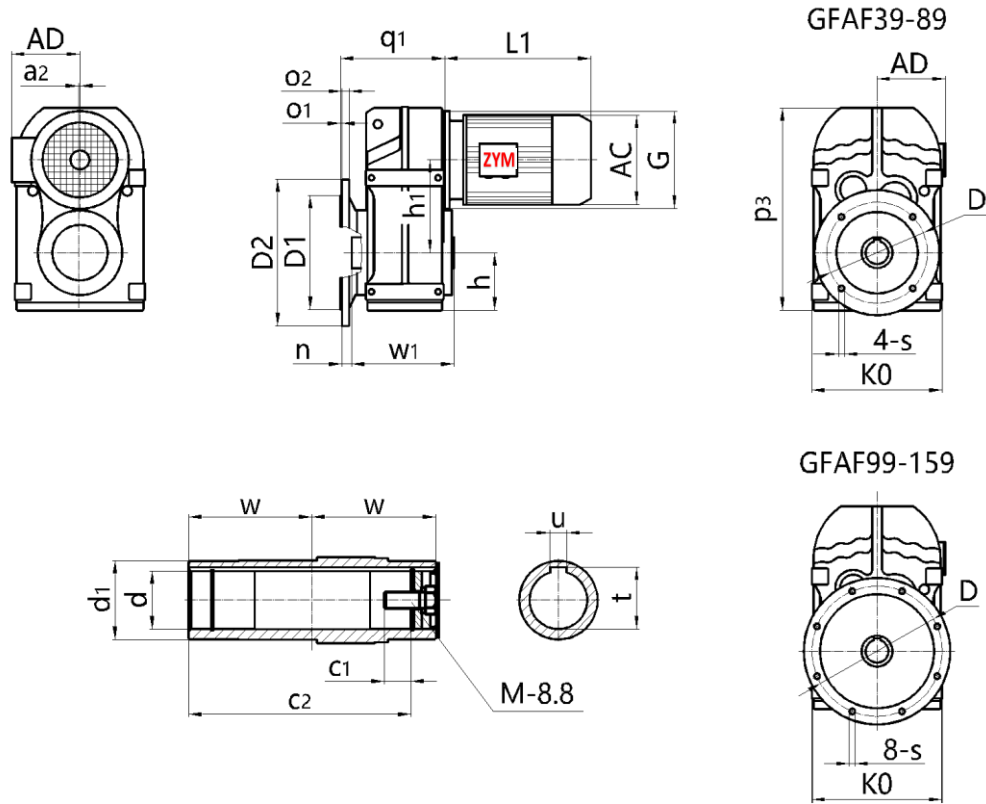
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸 ZYFAF39-159

Mounting Dimensional Description ZYFAF39-159



| 机 型 号 Type Size | q1 K0 | o1 a2 | o2 d | D1 d1 | D2 w | h1 c1 | h n | w1 u | p3 t | s D | G C2 | M | 电机尺寸 Motor Size | | |
|--------------------|--------------|----------|--------------|----------------|-------------|-------------|-------------|-----------|---------------|---------------|-------------|--------|---|----|----|
| | | | | | | | | | | | | | AC | AD | L1 |
| ZYFAF39 | 137.5 165 | 3.5 / | 10 Φ30H7 | Φ110j6 Φ45 | Φ160 60 | 112 17 | 77 24 | 123 8 | 256 33.3 | Φ9 Φ130 | Φ120 105 | M10×25 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYFAF49 | 161.5 180 | 3.5 / | 12 Φ35H7 | Φ130j6 Φ50 | Φ200 75 | 128.1 22 | 80 25 | 153 10 | 276 38.3 | Φ11 Φ165 | Φ120 132 | M12×30 | | | |
| ZYFAF59 | 177.5 200 | 4 / | 15 Φ40H7 | Φ180j6 Φ55 | Φ250 83 | 136 29 | 93 23.5 | 170 12 | 321 43.3 | Φ13.5 Φ215 | Φ160 142 | M16×40 | | | |
| ZYFAF69 | 188 212 | 4 / | 15 Φ40H7 | Φ180j6 Φ55 | Φ250 90 | 159.5 29 | 97 23 | 184 12 | 348 43.3 | Φ13.5 Φ215 | Φ160 156 | M16×40 | | | |
| ZYFAF79 | 234 270 | 4 / | 16 Φ50H7 | Φ230j6 Φ70 | Φ300 105 | 200 32 | 122 37 | 213 14 | 430 53.8 | Φ13.5 Φ265 | Φ200 183 | M16×45 | | | |
| ZYFAF89 | 259 330 | 5 / | 18 Φ60H7 | Φ250h6 Φ85 | Φ350 120 | 246.7 36 | 150 30 | 243 18 | 534 64.4 | Φ17.5 Φ300 | Φ250 210 | M20×50 | | | |
| ZYFAF99 | 320.5 400 | 5 / | 22 Φ70H7 | Φ350h6 Φ95 | Φ450 150 | 285 34 | 180 41.5 | 303 20 | 630 74.9 | Φ17.5 Φ400 | Φ300 270 | M20×50 | | | |
| ZYFAF109 | 358 450 | 5 / | 22 Φ90H7 | Φ350h6 Φ118 | Φ450 175 | 332.4 40 | 201 41 | 353 25 | 723 95.4 | Φ17.5 Φ400 | Φ350 313 | M24×60 | | | |
| ZYFAF129 | 429 530 | 5 10 | 25 Φ100H7 | Φ450h6 Φ135 | Φ550 205 | 382.6 38 | 236 51 | 413 28 | 861 106.4 | Φ17.5 Φ500 | Φ450 373 | M24×60 | | | |
| ZYFAF159 | 521 660 | 6 15 | 28 Φ120H7 | Φ550h6 Φ155 | Φ660 250 | 447 36 | 286 60 | 503 32 | 1021 127.4 | Φ22 Φ600 | Φ550 460 | M24×60 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

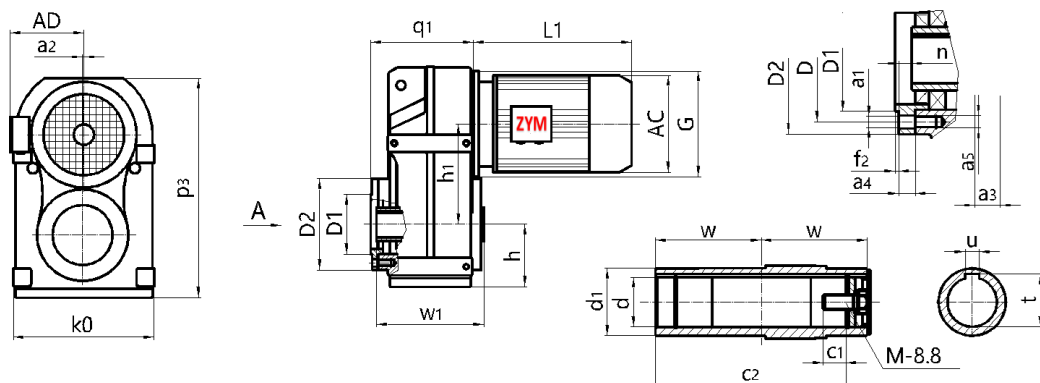
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

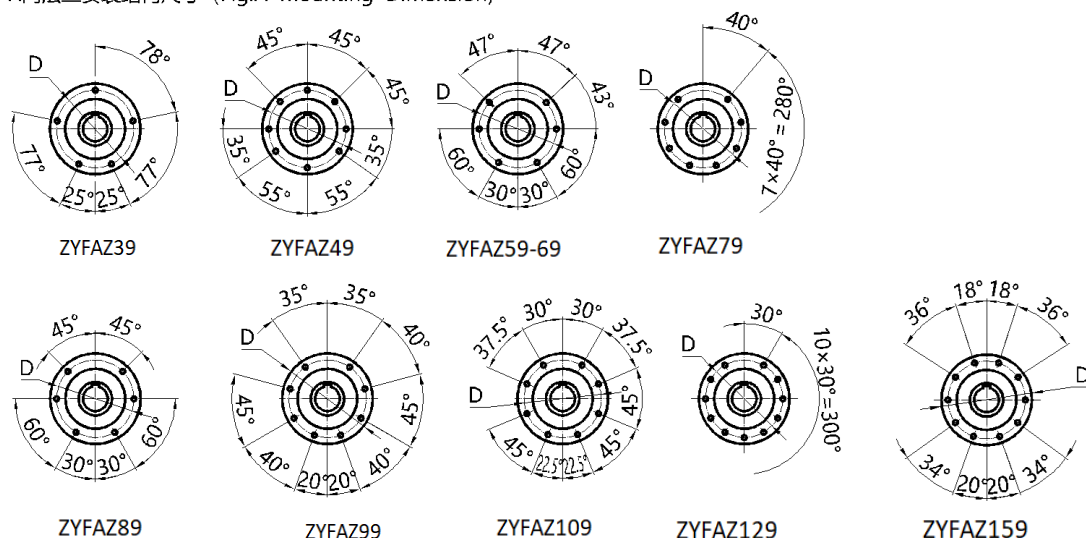
ZYFAZ39-159

Mounting Dimensional Description

ZYFAZ39-159



A向法兰安装结构尺寸 (Fig.A Mounting Dimension)



| 机 型 号 Type Size | q ₁ | h | t | D2 | p ₃ | a ₄ | a ₅ | w | c ₂ | d ₁ | a ₂ | a ₁ | G | 电机尺寸 Motor Size | | |
|--------------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------|--------------------|---------------------------------------|----|
| | k0 | h ₁ | D | D1 | n | a ₃ | w ₁ | c ₁ | u | d | f ₂ | M | | AC | AD | L1 |
| ZYFAZ39 | 122 165 | 77 112 | 33.3 Φ94 | Φ110 Φ80j6 | 256 9 | 11.5 15 | M8 123 | 60 17 | 105 8 | Φ45 Φ30H7 | / 3 | Φ9 M10×25 | Φ120 | 见附录 A-2 和 A-3 | Please see appendix A-2 and A-3 | |
| ZYFAZ49 | 144 180 | 80 128.1 | 38.3 Φ102 | Φ120 Φ80j6 | 276 8 | 11 14 | M8 153 | 75 22 | 132 10 | Φ50 Φ35H7 | / 3 | Φ9 M12×30 | Φ120 | | | |
| ZYFAZ59 | 162.5 200 | 93 136 | 43.3 Φ125 | Φ155 Φ105j6 | 321 9 | 12 20 | M12 170 | 83 29 | 142 12 | Φ55 Φ40H7 | / 3.5 | Φ13.5 M16×40 | Φ160 | | | |
| ZYFAZ69 | 173 212 | 97 159.5 | 43.3 Φ125 | Φ155 Φ105j6 | 348 8.5 | 12 22 | M12 184 | 90 29 | 156 12 | Φ55 Φ40H7 | / 3.5 | Φ13.5 M16×40 | Φ160 | | | |
| ZYFAZ79 | 206.5 270 | 122 200 | 53.8 Φ142 | Φ170 Φ125j6 | 430 10 | 14 20 | M12 213 | 105 32 | 183 14 | Φ70 Φ50H7 | / 3.5 | Φ13.5 M16×45 | Φ200 | | | |
| ZYFAZ89 | 239 330 | 150 246.7 | 64.4 Φ178 | Φ215 Φ155j6 | 534 11 | 15 29 | M16 243 | 120 36 | 210 18 | Φ85 Φ60H7 | / 4 | Φ17.5 M20×50 | Φ250 | | | |
| ZYFAZ99 | 292 400 | 180 285 | 74.9 Φ220 | Φ260 Φ180j6 | 630 14 | 18 28 | M16 303 | 150 34 | 270 20 | Φ95 Φ70H7 | / 4 | Φ17.5 M20×50 | Φ300 | | | |
| ZYFAZ109 | 308 450 | 201 332.4 | 95.4 Φ260 | Φ304 Φ210j6 | 723 -8 | 22 32 | M20 353 | 175 40 | 313 25 | Φ118 Φ90H7 | / 4 | Φ22 M24×60 | Φ350 | | | |
| ZYFAZ129 | 378 530 | 236 382.6 | 106.4 Φ300 | Φ350 Φ250h6 | 861 0 | 30 36 | M20 413 | 205 38 | 373 28 | Φ135 Φ100H7 | 10 5 | Φ22 M24×60 | Φ450 | | | |
| ZYFAZ159 | 455 660 | 286 447 | 127.4 Φ340 | Φ400 Φ290h6 | 1021 -14 | 28 48 | M24 503 | 250 36 | 460 32 | Φ155 Φ120H7 | 15 5 | Φ26 M24×60 | Φ550 | | | |

注: 减速机部分的外形尺寸, 未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

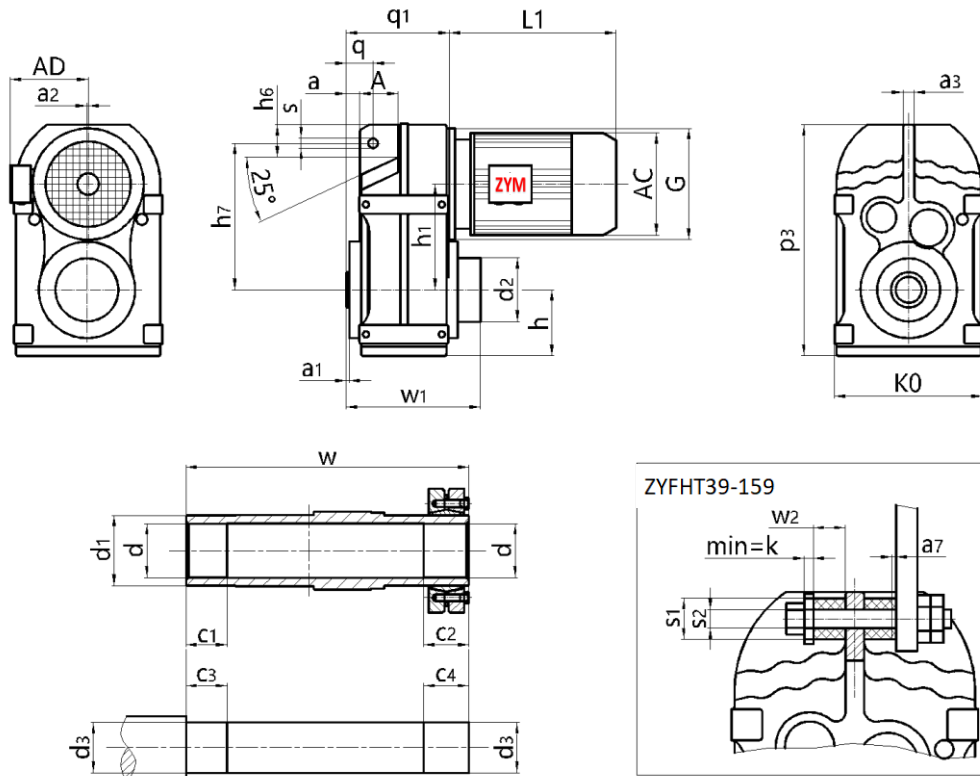
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYFH39-159

Mounting Dimensional Description

ZYFH39-159



螺栓、螺母、垫片均不在标准供货范围内

| 机 型 号 Type Size | q ₁ p ₃ | h h ₁ | h ₇ h ₆ | w w ₁ | c ₂ c ₁ | c ₃ c ₄ | q A | d ₂ d ₁ | d d ₃ | a a ₁ | s a ₂ | a ₃ K0 | s ₁ s ₂ | k w ₂ | a ₇ G | 电机尺寸 Motor Size | | |
|--------------------|----------------------------------|---------------------|----------------------------------|---------------------|----------------------------------|----------------------------------|------------|----------------------------------|---------------------|---------------------|---------------------|----------------------|----------------------------------|---------------------|---------------------|---|----|----|
| | | | | | | | | | | | | | | | | AC | AD | L1 |
| ZYFH39 | 110 256 | 77 112 | 158 30 | 146 152.5 | 31 20 | 25 36 | 31.5 46 | Φ80 Φ45 | Φ30H7 Φ30h6 | 15 2.5 | Φ14 / | 12 165 | Φ40 Φ12.5 ^{+0.5} | 5 20 | 1 Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYFH49 | 133 276 | 80 128.1 | 170 22 | 177 183 | 32 20 | 25 37 | 32 64 | Φ88 Φ50 | Φ35H7 Φ35h6 | 12 3 | Φ14 / | 12 180 | Φ40 Φ12.5 ^{+0.5} | 5 20 | 1.8 Φ120 | | | |
| ZYFH59 | 150 321 | 93 136 | 198 31 | 195 202 | 26 20 | 25 31 | 40.5 60 | Φ102 Φ55 | Φ40H7 Φ40h6 | 19.5 3 | Φ14 / | 14 200 | Φ40 Φ12.5 ^{+0.5} | 5 20 | 2.4 Φ160 | | | |
| ZYFH69 | 161 348 | 97 159.5 | 218 40 | 208 215.5 | 38 20 | 25 43 | 41 65 | Φ102 Φ55 | Φ40H7 Φ40h6 | 21 3.5 | Φ14 / | 16 212 | Φ40 Φ12.5 ^{+0.5} | 5 20 | 3 Φ160 | | | |
| ZYFH79 | 193 430 | 122 200 | 278 50 | 241 249 | 36 30 | 35 41 | 50 69 | Φ127 Φ70 | Φ50H7 Φ50h6 | 26.5 4 | Φ22 / | 20 270 | Φ60 Φ21 ^{+0.5} | 10 30 | 3.2 Φ200 | | | |
| ZYFH89 | 224 534 | 150 246.7 | 346 57 | 281 287 | 41 40 | 45 46 | 62 79 | Φ157 Φ85 | Φ65H7 Φ65h6 | 32 4 | Φ22 / | 26 330 | Φ60 Φ21 ^{+0.5} | 10 30 | 4.5 Φ250 | | | |
| ZYFH99 | 274 630 | 180 285 | 395 88 | 345 352 | 55 50 | 55 60 | 70 104 | Φ171 Φ95 | Φ75H7 Φ75h6 | 34 4 | Φ26 / | 30 400 | Φ80 Φ25 ^{+0.5} | 12 40 | 5 Φ300 | | | |
| ZYFH109 | 312 723 | 201 332.4 | 485 108 | 405 417 | 65 60 | 70 75 | 88 100 | Φ234 Φ118 | Φ95H7 Φ95h6 | 57 2.5 | Φ26 / | 36 450 | Φ80 Φ25 ^{+0.5} | 12 40 | 6 Φ350 | | | |
| ZYFH129 | 373 861 | 236 382.6 | 550 138 | 485 493 | 85 70 | 80 95 | 110 125 | Φ233 Φ135 | Φ105H7 Φ105h6 | 66 2.5 | Φ33 10 | 40 530 | Φ100 Φ32 ^{+0.5} | 15 60 | 9 Φ450 | | | |
| ZYFH159 | 455 1021 | 286 447 | 660 170 | 580 592 | 90 80 | 90 100 | 150 140 | Φ287 Φ155 | Φ125H7 Φ125h6 | 98 3 | Φ33 15 | 45 660 | Φ120 Φ32 ^{+0.5} | 15 60 | 9 Φ550 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

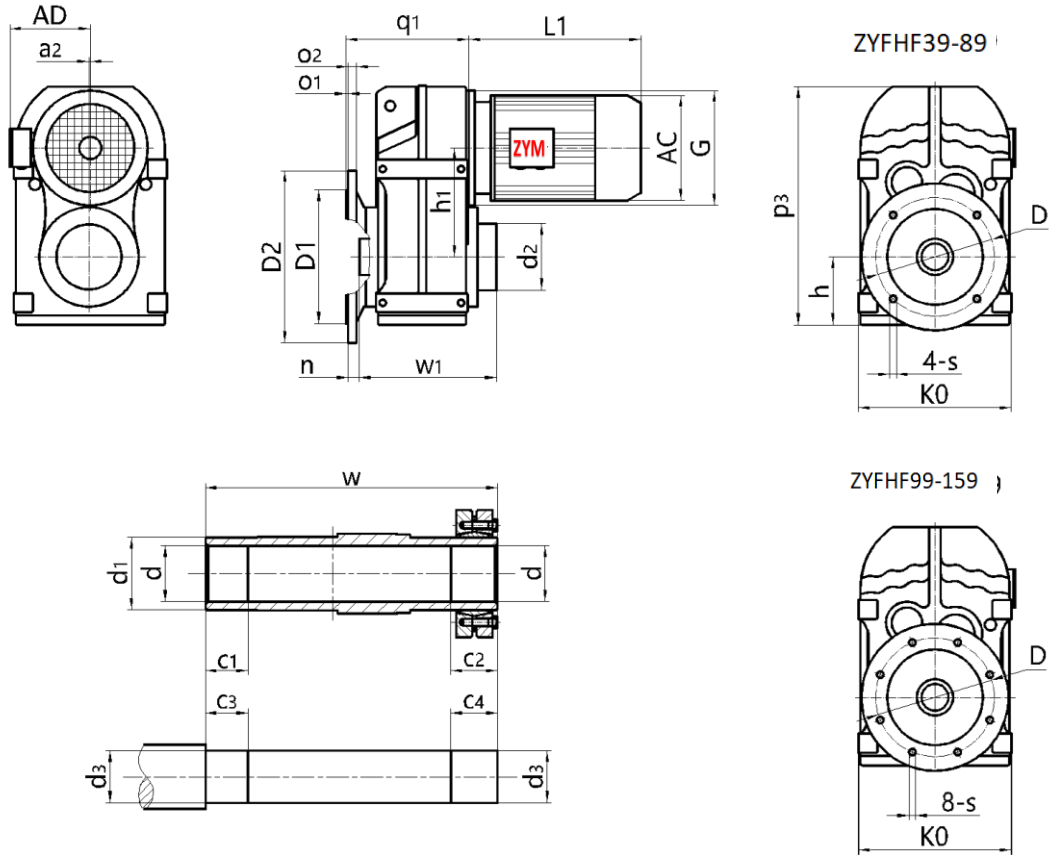
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸
ZYFHF39-159

Mounting Dimensional Description
ZYFHF39-159



| 机 型 号 Type Size | q ₁ p ₃ | o ₁ o ₂ | h h ₁ | n s | K0 D | D1 D2 | d ₂ d ₁ | d d ₃ | w w ₁ | c ₁ c ₂ | c ₃ c ₄ | a ₂ G | 电机尺寸 Motor Size | | |
|--------------------|----------------------------------|----------------------------------|---------------------|---------------|-------------|----------------|----------------------------------|---------------------|---------------------|----------------------------------|----------------------------------|---------------------|---|----|----|
| | | | | | | | | | | | | | AC | AD | L1 |
| ZYFHF39 | 137.5 256 | 3.5 10 | 77 112 | 24 Φ9 | 165 Φ130 | Φ110j6 Φ160 | Φ80 Φ45 | Φ30H7 Φ30h6 | 146 152.5 | 20 31 | 25 36 | / Φ120 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYFHF49 | 161.5 276 | 3.5 12 | 80 128.1 | 25 Φ11 | 180 Φ165 | Φ130j6 Φ200 | Φ88 Φ50 | Φ35H7 Φ35h6 | 177 183 | 20 32 | 25 37 | / Φ120 | | | |
| ZYFHF59 | 177.5 321 | 4 15 | 93 136 | 23.5 Φ13.5 | 200 Φ215 | Φ180j6 Φ250 | Φ102 Φ55 | Φ40H7 Φ40h6 | 195 202 | 20 26 | 25 31 | / Φ160 | | | |
| ZYFHF69 | 188 348 | 4 15 | 97 159.5 | 23 Φ13.5 | 212 Φ215 | Φ180j6 Φ250 | Φ102 Φ55 | Φ40H7 Φ40h6 | 208 215.5 | 20 38 | 25 43 | / Φ160 | | | |
| ZYFHF79 | 234 430 | 4 16 | 122 200 | 37 Φ13.5 | 270 Φ265 | Φ230j6 Φ300 | Φ127 Φ70 | Φ50H7 Φ50h6 | 241 249 | 30 36 | 35 41 | / Φ200 | | | |
| ZYFHF89 | 259 534 | 5 18 | 150 246.7 | 30 Φ17.5 | 330 Φ300 | Φ250h6 Φ350 | Φ157 Φ85 | Φ65H7 Φ65h6 | 281 287 | 40 41 | 45 46 | / Φ250 | | | |
| ZYFHF99 | 320.5 630 | 5 22 | 180 285 | 41.5 Φ17.5 | 400 Φ400 | Φ350h6 Φ450 | Φ171 Φ95 | Φ75H7 Φ75h6 | 345 352 | 50 55 | 55 60 | / Φ300 | | | |
| ZYFHF109 | 358 723 | 5 22 | 201 332.4 | 41 Φ17.5 | 450 Φ400 | Φ350h6 Φ450 | Φ234 Φ118 | Φ95H7 Φ95h6 | 405 417 | 60 65 | 70 75 | / Φ350 | | | |
| ZYFHF129 | 429 861 | 5 25 | 236 382.6 | 51 Φ17.5 | 530 Φ500 | Φ450h6 Φ550 | Φ233 Φ135 | Φ105H7 Φ105h6 | 485 493 | 70 85 | 80 95 | 10 Φ450 | | | |
| ZYFHF159 | 521 1021 | 6 28 | 286 447 | 60 Φ22 | 660 Φ600 | Φ550h6 Φ660 | Φ287 Φ155 | Φ125H7 Φ125h6 | 580 592 | 80 90 | 90 100 | 15 Φ550 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。
Note:the dimensions don't include the height of the breathe valve.the height of the breathe valve is 17.

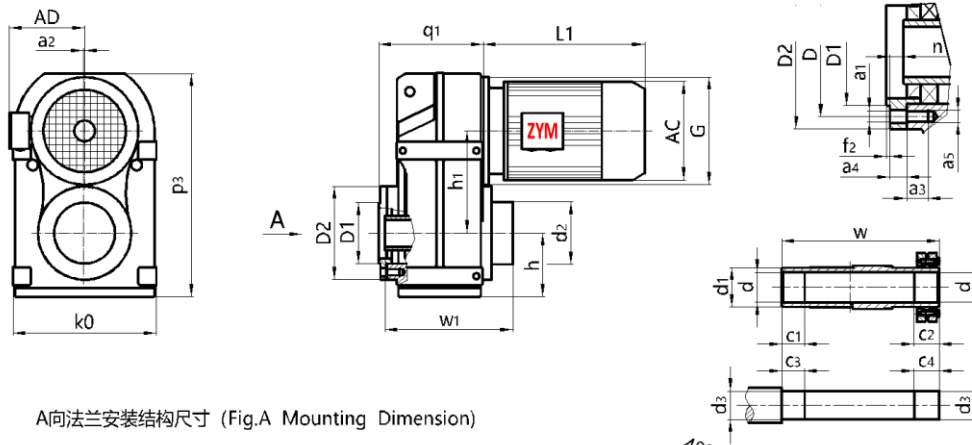
注：电机需方配或配特殊电机时需加联接法兰（见附录 D）
Note:When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

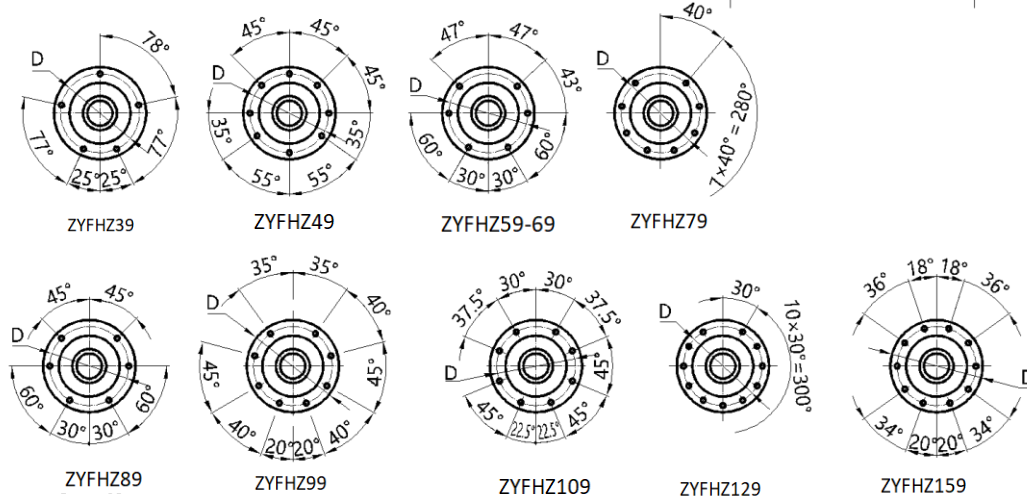
ZYFHZ39-159

Mounting Dimensional Description

ZYFHZ39-159



A向法兰安装结构尺寸 (Fig.A Mounting Dimension)



| 机型号 Type Size | q1 K0 | h h1 | D2 D1 | p3 n | a4 a3 | a5 G | w w1 | c2 c1 | c3 c4 | d2 d1 | d d3 | a2 f2 | a1 D | 电机尺寸 Motor Size | | |
|------------------|--------------|--------------|----------------|-------------|------------|-------------|--------------|----------|-----------|--------------|------------------|----------|---------------|---|----|----|
| | | | | | | | | | | | | | | AC | AD | L1 |
| ZYFHZ39 | 122 165 | 77 112 | Φ110 Φ80j6 | 256 9 | 11.5 15 | M8 Φ120 | 146 152.5 | 31 20 | 25 36 | Φ80 Φ45 | Φ30H7 Φ30h6 | / 3 | Φ9 Φ94 | 见附录 A-2 和 A-3 Please see appendix A-2 and A-3 | | |
| ZYFHZ49 | 144 180 | 80 128.1 | Φ120 Φ80j6 | 276 8 | 11 14 | M8 Φ120 | 177 183 | 32 20 | 25 37 | Φ88 Φ50 | Φ35H7 Φ35h6 | / 3 | Φ9 Φ102 | | | |
| ZYFHZ59 | 162.5 200 | 93 136 | Φ155 Φ105j6 | 321 9 | 12 20 | M12 Φ160 | 195 202 | 26 20 | 25 31 | Φ102 Φ55 | Φ40H7 Φ40h6 | / 3.5 | Φ13.5 Φ125 | | | |
| ZYFHZ69 | 173 212 | 97 159.5 | Φ155 Φ105j6 | 348 8.5 | 12 22 | M12 Φ160 | 208 215.5 | 38 20 | 25 43 | Φ102 Φ55 | Φ40H7 Φ40h6 | / 3.5 | Φ13.5 Φ125 | | | |
| ZYFHZ79 | 206.5 270 | 122 200 | Φ170 Φ125j6 | 430 10 | 14 20 | M12 Φ200 | 241 249 | 36 30 | 35 41 | Φ127 Φ70 | Φ50H7 Φ50h6 | / 3.5 | Φ13.5 Φ142 | | | |
| ZYFHZ89 | 239 330 | 150 246.7 | Φ215 Φ155j6 | 534 11 | 15 29 | M16 Φ250 | 281 287 | 41 40 | 45 46 | Φ157 Φ85 | Φ65H7 Φ65h6 | / 4 | Φ17.5 Φ178 | | | |
| ZYFHZ99 | 292 400 | 180 285 | Φ260 Φ180j6 | 630 14 | 18 28 | M16 Φ300 | 345 352 | 55 50 | 55 60 | Φ171 Φ95 | Φ75H7 Φ75h6 | / 4 | Φ17.5 Φ220 | | | |
| ZYFHZ109 | 308 450 | 201 332.4 | Φ304 Φ210j6 | 723 -8 | 22 32 | M20 Φ350 | 405 417 | 65 60 | 70 75 | Φ234 Φ118 | Φ95H7 Φ95h6 | / 4 | Φ22 Φ260 | | | |
| ZYFHZ129 | 378 530 | 236 382.6 | Φ350 Φ250h6 | 861 0 | 30 36 | M20 Φ450 | 485 493 | 85 70 | 80 95 | Φ233 Φ135 | Φ105H7 Φ105h6 | 10 5 | Φ22 Φ300 | | | |
| ZYFHZ159 | 455 660 | 286 447 | Φ400 Φ290h6 | 1021 -14 | 28 48 | M24 Φ550 | 580 592 | 90 80 | 90 100 | Φ287 Φ155 | Φ125H7 Φ125h6 | 15 5 | Φ26 Φ340 | | | |

注：减速机部分的外形尺寸，未包含通气帽的高度尺寸。通气帽的高度尺寸为 17。

Note: the dimensions don't include the height of the breathe valve. the height of the breathe valve is 17.

注：电机需方配或配特殊电机时需加联接法兰（见附录 D）

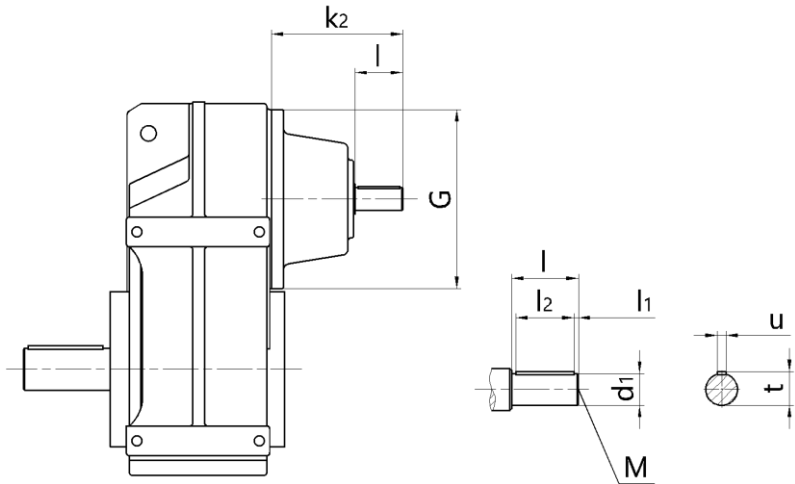
Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

安装结构尺寸

ZYF..39-159AD1-8

Mounting Dimensional Description

ZYF..39-159AD1-8



| 机 型 号 Type Size | 规 格 Specification | 适用功率范围(kW)/4P Range Power | d ₁ | G | k ₂ | l | M | l ₁ | l ₂ | t | u |
|--------------------|----------------------|------------------------------|----------------|------|----------------|-----|-----|----------------|----------------|------|----|
| ZYF..39/49 | AD1 | 0.12-0.18 | 16k6 | Φ120 | 130 | 40 | M5 | 4 | 32 | 18 | 5 |
| | AD2 | 0.25-3 | 19k6 | Φ120 | 130 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| ZYF..59/69 | AD2 | 0.12-1.5 | 19k6 | Φ160 | 149 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-5.5 | 24k6 | Φ160 | 159 | 50 | M8 | 5 | 40 | 27 | 8 |
| ZYF..79 | AD2 | 0.37-1.5 | 19k6 | Φ200 | 184 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-4 | 24k6 | Φ200 | 194 | 50 | M8 | 5 | 40 | 27 | 8 |
| | AD4 | 5.5-11 | 38k6 | Φ200 | 224 | 80 | M12 | 5 | 70 | 41 | 10 |
| ZYF..89 | AD2 | 0.75-1.5 | 19k6 | Φ250 | 136 | 40 | M6 | 4 | 32 | 21.5 | 6 |
| | AD3 | 2.2-4 | 28k6 | Φ250 | 156 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ250 | 262 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ250 | 292 | 110 | M16 | 10 | 70 | 45 | 12 |
| ZYF..99 | AD3 | 1.1-4 | 28k6 | Φ300 | 194 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ300 | 214 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ300 | 327 | 110 | M16 | 10 | 70 | 45 | 12 |
| | AD6 | 30 | 48k6 | Φ300 | 327 | 110 | M16 | 10 | 80 | 51.5 | 14 |
| ZYF..109 | AD3 | 2.2-4 | 28k6 | Φ350 | 188 | 60 | M10 | 5 | 50 | 31 | 8 |
| | AD4 | 5.5-7.5 | 38k6 | Φ350 | 208 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ350 | 321 | 110 | M16 | 10 | 70 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ350 | 321 | 110 | M16 | 10 | 80 | 51.5 | 14 |
| ZYF..129 | AD4 | 7.5 | 38k6 | Φ450 | 270 | 80 | M12 | 5 | 70 | 41 | 10 |
| | AD5 | 11-22 | 42k6 | Φ450 | 300 | 110 | M16 | 10 | 90 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ450 | 300 | 110 | M16 | 10 | 90 | 51.5 | 14 |
| | AD7 | 55 | 55m6 | Φ450 | 300 | 110 | M20 | 10 | 90 | 59 | 16 |
| | AD8 | 75-90 | 70m6 | Φ450 | 383 | 140 | M20 | 15 | 110 | 74.5 | 20 |
| ZYF..159 | AD5 | 11-22 | 42k6 | Φ550 | 344 | 110 | M16 | 10 | 90 | 45 | 12 |
| | AD6 | 30-45 | 48k6 | Φ550 | 344 | 110 | M16 | 10 | 90 | 51.5 | 14 |
| | AD7 | 55-90 | 55m6 | Φ550 | 344 | 110 | M20 | 10 | 90 | 59 | 16 |
| | AD8 | 110-200 | 70m6 | Φ550 | 374 | 140 | M20 | 15 | 110 | 74.5 | 20 |

其它尺寸请参照 ZYF 型。

注： 1. ZYFA/ZYFAF/FF/FAZ/FH/FHF/FHZ 均可采用双轴型，并分别记为 ZYFA..AD..、ZYFAF..AD..、ZYFF..AD..、ZYFAZ..AD..、ZYFH..AD..、ZYFHF..AD..和 ZYFHZ..AD..。

2.通过联轴器联接，可直接参考上表功率范围；若电机和减速机之间是通过其他极数电机、齿轮、链轮、皮带轮等传动方式联接，需客户自行转换。

For other dimensions, see the type ZYF.

Note: 1. double shafts type is also available for type ZYFA/FAF/FF/FAZ/FH/FHF/FHZ, and these double shafts types are

respectively named type ZYFA..AD..、ZYFAF..AD..、ZYFF..AD..、ZYFAZ..AD..、ZYFH..AD..、ZYFHF..AD.. and ZYFHZ..AD..

2. Applicable power refers to the input torque of 4 pole motor. If the connect way is coupling, can see the power range on the table directly, if the connect way is other pole motor, sprocket, belt pulley, need customers to convert by themselves.

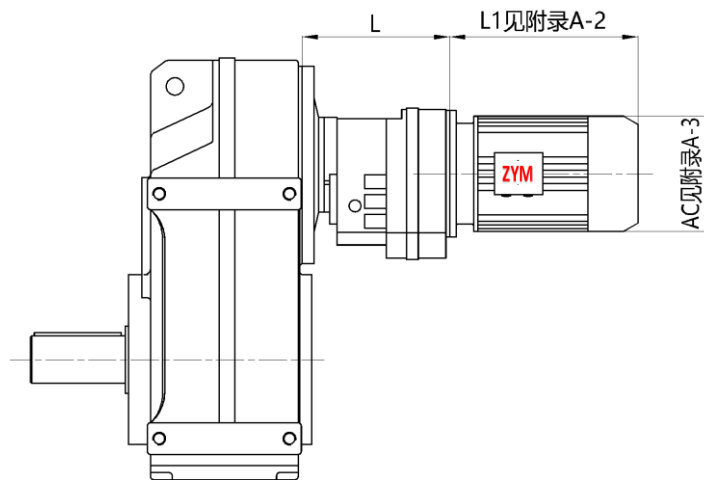
ZYF 系列平行轴-斜齿轮减速电机

安装结构尺寸

ZYF..R..

Mounting Dimensional Description

ZYF..R..



| 机 型 号 Type Size | 机 座 号 Frame Size | L |
|--------------------------|---------------------|-----|
| ZYF..39R19 ZYF..49R19 | 63 | 135 |
| | 71 | |
| | 80 | |
| ZYF..59R39 | 63 | 163 |
| | 71 | |
| | 80 | |
| ZYF..69R39 | 63 | 163 |
| | 71 | |
| | 80 | |
| ZYF..79R39 | 90 | 163 |
| | 63 | |
| | 71 | |
| ZYF..89R59 | 80 | 216 |
| | 90 | |
| | 100 | |
| ZYF..99R59 | 63 | 216 |
| | 71 | |
| | 80 | |
| ZYF..109R79 | 90 | 251 |
| | 100 | |
| | 112 | |
| | 132 | |
| | 160 | |
| | | |

| 机 型 号 Type Size | 机 座 号 Frame Size | L |
|--------------------|---------------------|-----|
| ZYF..129R79 | 63 | 241 |
| | 71 | |
| | 80 | |
| | 90 | |
| | 100 | |
| | 112 | |
| ZYF..129R89 | 132 | 280 |
| | 160 | |
| | 90 | |
| | 100 | |
| | 112 | |
| | 132 | |
| ZYF..159R99 | 160 | 332 |
| | 180 | |
| | 200 | |
| | 80 | |
| | 90 | |
| | 100 | |
| | 112 | |
| | 132 | |
| | 160 | |

注: ZYFA/ZYFAF/ZYFF/ZYFAZ/ZYFH/ZYFHF/ZYFHZ 均可采用串联组合机型。

Note: Combined type is also available for type ZYFA/ZYFAF/ZYFF/ZYFAZ/ZYFH/ZYFHF/ZYFHZ.

注: 电机需方配或配特殊电机时需加联接法兰 (见附录 D)

Note: When equipping the user's motor or the special one, the flange is required to connected. (Please see appendix D)

1000-1500 吨叶轮给煤机减速机

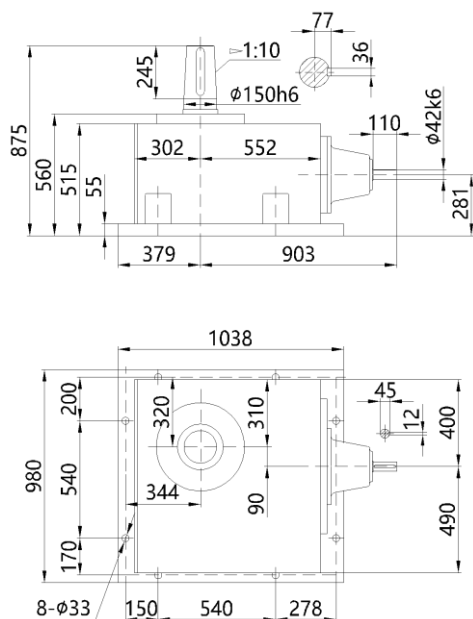
型号: ZYYJS-B/A(输入轴型); ZYYJS-B/B(电机型);

主要技术参数:

1. 输入功率: 22kW
2. 输入转速: 1470r/min
3. 公称速比: 120
4. 输出扭矩: 17000N·m
5. 承载能力: 40000N·m
6. 轴向承载能力: 不大于 40000N
7. 减速机重量(不包括电机): 1630kg

输入轴型外形及安装尺寸:

Overall and installation dimension of input shaft types:



1000-1500 ton Impeller coal feeder reducer.

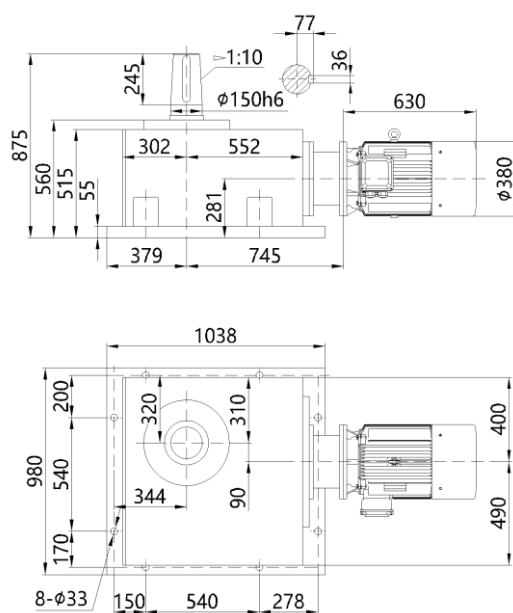
Type: ZYYJS-B/A(the input shaft type); ZYYJS-B/B(with motor type);

Main technical parameters:

1. Input power: 22kW
2. Input speed: 1470r/min
3. Speed ratio: 120
4. Output torque: 17000N·m
5. Carrying capacity: 40000N·m
6. Axial bearing capacity: lower than 40000N
7. Reducer weight(not include motor): 1630kg

电机型外形及安装尺寸:

Overall and installation dimension of electric motor types:



附录 A-1

Appendix A-1

标准普通电机技术参数 (2 极)

Technical Data of Standard Ordinary Motors (2P)

| 机座号 Frame size | 额定功率 Rated power/kW | 满载时 Full load | | | | 堵转电流 Blocked current | 堵转转矩 Blocked torque | 最大转矩 Max torque | 转动惯量 Moment of inertia /(kg.m²) | 净重 Weight /kg | | |
|--|------------------------|-------------------------|---------------------|-------------------|----------------------|-------------------------|------------------------|----------------------|---------------------------------------|------------------|------|------|
| | | 转速 Speed /(r/min) | 电流 Current /A | 效率 Eff /(%) | 功率因数 Power factor | 额定电流 Rated current | 额定转矩 Rated torque | 额定转矩 Rated torque | | | | |
| 同步转速 3000r/min 2 极 Synchronous Speed 3000r/min 2P | | | | | | | | | | | | |
| 631-2 | 0.18 | 2720 | 0.53 | 65.0 | 0.80 | 5.5 | 2.2 | 2.2 | — | 9 | | |
| 632-2 | 0.25 | | 0.69 | 68.0 | 0.81 | | | | | 10 | | |
| 711-2 | 0.37 | 2740 | 0.99 | 70.0 | 0.81 | 6.1 | | 2.3 | | 14 | | |
| 712-2 | 0.55 | | 1.4 | 73.0 | 0.82 | | | | | 15 | | |
| 801-2 | 0.75 | 2830 | 1.83 | 75.0 | 0.83 | 7.0 | | 2.3 | 0.00075 | 16 | | |
| 802-2 | 1.1 | | 2.55 | 77.0 | 0.84 | | | | 0.00090 | 17 | | |
| 90S-2 | 1.5 | 2840 | 3.4 | 79.0 | | | | | 0.0012 | 22 | | |
| 90L-2 | 2.2 | | 4.8 | 81.0 | 0.85 | | | | 0.0014 | 25 | | |
| 100L-2 | 3.0 | 2870 | 6.31 | 83.0 | 0.87 | 7.5 | | | 2.3 | 0.0029 | 33 | |
| 112M-2 | 4.0 | 2890 | 8.23 | 85.0 | 0.88 | | | | | 0.0055 | 45 | |
| 132S1-2 | 5.5 | 2900 | 11.18 | 86.0 | | | 0.0109 | | | 64 | | |
| 132S2-2 | 7.5 | | 15.06 | 87.0 | | | 0.0126 | | | 70 | | |
| 160M1-2 | 11 | 2930 | 21.35 | 88.0 | | | 0.89 | | | 0.0377 | 117 | |
| 160M2-2 | 15 | | 28.78 | 89.0 | 0.0449 | | | | | 125 | | |
| 160L-2 | 18.5 | | 34.72 | 90.0 | 0.90 | | 0.055 | 147 | | | | |
| 180M-2 | 22 | 2940 | 41.28 | 90.5 | | | 0.075 | 180 | | | | |
| 200L1-2 | 30 | 2950 | 55.37 | 91.2 | | | 0.124 | 240 | | | | |
| 200L2-2 | 37 | | 67.92 | 92.0 | | | 0.139 | 255 | | | | |
| 225M-2 | 45 | 2970 | 82.16 | 92.3 | 0.91 | 2.0 | 2.3 | 0.233 | 309 | | | |
| 250M-2 | 55 | | 100.1 | 92.5 | | | | 0.312 | 403 | | | |
| 280S-2 | 75 | | 134.0 | 93.2 | | | | 0.597 | 544 | | | |
| 280M-2 | 90 | | 160.27 | 93.8 | | | | 0.675 | 620 | | | |
| 315S-2 | 110 | 2980 | 195.46 | 94.0 | 0.92 | | | 7.1 | 1.8 | 2.2 | 1.18 | 980 |
| 315M-2 | 132 | | 233.3 | 94.5 | | | | | | | 1.82 | 1080 |
| 315L1-2 | 160 | | 279.44 | 94.6 | | | | | | | 2.08 | 1160 |
| 315L2-2 | 200 | | 347.83 | 94.8 | | | | | | | 2.41 | 1190 |
| 355M-2 | 250 | | 432.5 | 95.3 | 1.6 | | | | | | 3.56 | 1760 |
| 355L-2 | 315 | | 543.25 | 95.6 | | | | | | | 4.16 | 1850 |

注：表格中带*的参数仅作为参考，具体数值以实际供货电机的铭牌参数为准。

Note: The parameters with * in the table are for reference only. The specific values are subject to the nameplate parameters of the actual supplied motor.

附录 A-1

Appendix A-1

标准普通电机技术参数 (4 极)

Technical Data of Standard Ordinary Motors (4P)

| 机座号 Frame size | 额定功率 Rated power/kW | 满载时 Full load | | | | 堵转电流 Blocked current | 堵转转矩 Blocked torque | 最大转矩 Max torque | 转动惯量 Moment of inertia /(kg.m ²) | 净重 Weight /kg* | | | | | | |
|--|------------------------|--------------------------|---------------------|--------------------|-----------------------|-------------------------|------------------------|----------------------|--|-------------------|--------|--------|-----|-------|-------|------|
| | | 转速 Speed /(r/min)* | 电流 Current /A | 效率 Eff /(%)* | 功率因数 Power factor* | 额定电流 Rated current | 额定转矩 Rated torque | 额定转矩 Rated torque | | | | | | | | |
| 同步转速 1500r/min 4 极 Synchronous Speed 1500r/min 4P | | | | | | | | | | | | | | | | |
| 631-4 | 0.12 | 1310 | 0.44 | 57.0 | 0.72 | 4.4 | 2.1 | 2.2 | — | 9 | | | | | | |
| 632-4 | 0.18 | | 0.62 | 60.0 | 0.73 | | | | | 10 | | | | | | |
| 711-4 | 0.25 | 1330 | 0.79 | 65.0 | 0.74 | 5.2 | | | | 13 | | | | | | |
| 712-4 | 0.37 | | 1.12 | 67.0 | 0.75 | | | | | 14 | | | | | | |
| 801-4 | 0.55 | 1390 | 1.57 | 71.0 | | 0.77 | 2.4 | 2.3 | 0.0018 | 17 | | | | | | |
| 802-4 | 0.75 | | 2.03 | 73.0 | 6.0 | | 2.3 | | 0.0021 | 18 | | | | | | |
| 90S-4 | 1.1 | 1400 | 2.82 | 75.0 | | 7.0 | | | 2.3 | 0.0021 | 22 | | | | | |
| 90L-4 | 1.5 | | 3.7 | 78.0 | 0.79 | | | | | 0.0027 | 27 | | | | | |
| 100L1-4 | 2.2 | 1430 | 5.16 | 80.0 | 0.81 | 2.2 | | | | 0.0054 | 34 | | | | | |
| 100L2-4 | 3.0 | | 6.78 | 82.0 | 0.82 | | | | | 0.0067 | 38 | | | | | |
| 112M-4 | 4.0 | 1440 | 8.83 | 84.0 | | | | | | 7.2 | 0.0095 | 43 | | | | |
| 132S-4 | 5.5 | | 11.7 | 85.0 | 0.83 | | | | | | 0.0214 | 68 | | | | |
| 132M-4 | 7.5 | 15.6 | 87.0 | 0.84 | 2.2 | | | | | | 0.0296 | 81 | | | | |
| 160M-4 | 11 | 1460 | 22.35 | 88.0 | | | | | | | 7.5 | 0.0747 | 123 | | | |
| 160L-4 | 15 | | 30.14 | 89.0 | | | | | | | | 0.0918 | 144 | | | |
| 180M-4 | 18.5 | 1470 | 36.47 | 90.5 | | | | | | | 6.9 | 2.1 | 2.2 | 0.139 | 182 | |
| 180L-4 | 22 | | 43.14 | 91.0 | | | | | | | | | | 0.158 | 190 | |
| 200L-4 | 30 | 57.63 | 92.0 | 0.86 | | | | | | | | | | 0.262 | 270 | |
| 225S-4 | 37 | 1480 | 69.89 | 92.5 | | | | | | | | | | 0.87 | 0.406 | 284 |
| 225M-4 | 45 | | 95.54 | 92.8 | | | | | | | | | | | 0.469 | 320 |
| 250M-4 | 55 | | 103.1 | 93.0 | | | | 0.66 | | | | | | | 427 | |
| 280S-4 | 75 | | 139.7 | 93.8 | | | 1.12 | 562 | | | | | | | | |
| 280M-4 | 90 | 1490 | 166.93 | 94.2 | | | 0.88 | 6.9 | 2.1 | | | | | 2.2 | 1.46 | 667 |
| 315S-4 | 110 | | 201.06 | 94.5 | | | | | | | | | | | 3.11 | 1000 |
| 315M-4 | 132 | | 240.57 | 94.8 | | 3.62 | | | | | | | | | 1100 | |
| 315L1-4 | 160 | | 287.95 | 94.9 | | 0.89 | | | | | | | | | 4.13 | 1160 |
| 315L2-4 | 200 | | 358.8 | 95.0 | | | | | | 4.94 | | | | | 1270 | |
| 355M-4 | 250 | | 442.12 | 95.3 | | 0.90 | | | | 5.67 | | | | | 1700 | |
| 355L-4 | 315 | | 555.32 | 95.6 | 6.66 | | | | | 1850 | | | | | | |

注：表格中带*的参数仅作参考，具体数值以实际供货电机的铭牌参数为准。

Note: The parameters with * in the table are for reference only. The specific values are subject to the nameplate parameters of the actual supplied motor.

附录 A-1

Appendix A-1

标准普通电机技术参数 (6 极)

Technical Data of Standard Ordinary Motors (6P)

| 机座号 Frame size | 额定功率 Rated power/kW | 满载时 Full load | | | | 堵转电流 Blocked current | 堵转转矩 Blocked torque | 最大转矩 Max torque | 转动惯量 Moment of inertia /(kg.m²) | 净重 Weight /kg* |
|--|------------------------|--------------------------|---------------------|--------------------|-----------------------|-------------------------|------------------------|----------------------|---------------------------------------|-------------------|
| | | 转速 Speed /(r/min)* | 电流 Current /A | 效率 Eff /(%)* | 功率因数 Power factor* | 额定电流 Rated current | 额定转矩 Rated torque | 额定转矩 Rated torque | | |
| 同步转速 1000r/min 6 极 Synchronous Speed 1000r/min 6P | | | | | | | | | | |
| 711-6 | 0.18 | 850 | 0.74 | 56.0 | 0.66 | 4.0 | 1.9 | 2.0 | — | — |
| 712-6 | 0.25 | | 0.95 | 59.0 | 0.68 | | | | | |
| 801-6 | 0.37 | 890 | 1.3 | 62.0 | 0.70 | 4.7 | 1.9 | 2.0 | 0.00158 | 17 |
| 802-6 | 0.55 | | 1.79 | 65.0 | 0.72 | | | | | |
| 90S-6 | 0.75 | 910 | 2.26 | 69.0 | | 0.73 | 5.5 | 2.0 | 2.1 | 0.0021 |
| 90L-6 | 1.1 | | 3.14 | 72.0 | | | | | | |
| 100L-6 | 1.5 | 940 | 3.95 | 76.0 | 0.75 | 6.5 | 2.1 | 2.0 | 0.0035 | 25 |
| 112M-6 | 2.2 | | 5.57 | 79.0 | 0.76 | | | | | |
| 132S-6 | 3.0 | 960 | 7.41 | 81.0 | | 0.77 | 7.0 | 2.1 | 2.0 | 0.0138 |
| 132M1-6 | 4.0 | | 9.64 | 82.0 | | | | | | |
| 132M2-6 | 5.5 | 970 | 12.93 | 84.0 | 0.81 | 7.0 | 2.1 | 2.0 | 0.0286 | 63 |
| 160M-6 | 7.5 | | 17.0 | 86.0 | | | | | | |
| 160L-6 | 11 | 980 | 24.23 | 87.5 | 0.78 | 7.0 | 2.1 | 2.0 | 0.0357 | 73 |
| 180L-6 | 15 | | 31.63 | 89.0 | | | | | | |
| 200L1-6 | 18.5 | 990 | 38.1 | 90.0 | 0.83 | 7.0 | 2.1 | 2.0 | 0.0449 | 84 |
| 200L2-6 | 22 | | 44.52 | 90.0 | | | | | | |
| 225M-6 | 30 | 980 | 58.63 | 91.5 | 0.84 | 7.0 | 2.1 | 2.0 | 0.0881 | 119 |
| 250M-6 | 37 | | 71.08 | 92.0 | 0.86 | | | | | |
| 280S-6 | 45 | 990 | 85.98 | 92.5 | | 0.87 | 7.0 | 2.1 | 2.0 | 0.116 |
| 280M-6 | 55 | | 104.75 | 92.8 | | | | | | |
| 315S-6 | 75 | 990 | 141.77 | 93.5 | 0.88 | 7.0 | 2.1 | 2.0 | 0.207 | 195 |
| 315M-6 | 90 | | 169.58 | 93.8 | | | | | | |
| 315L1-6 | 110 | 990 | 206.83 | 94.0 | 0.88 | 7.0 | 2.1 | 2.0 | 0.315 | 220 |
| 315L2-6 | 132 | | 244.82 | 94.2 | | | | | | |
| 355M1-6 | 160 | 990 | 291.52 | 94.5 | 0.88 | 7.0 | 2.1 | 2.0 | 0.360 | 250 |
| 355M2-6 | 200 | | 363.64 | 94.7 | | | | | | |
| 355L-6 | 250 | 453.60 | 94.9 | | | | | | 0.547 | 292 |
| | | | | | | | | | 0.834 | 408 |
| | | | | | | | | | 1.39 | 536 |
| | | | | | | | | | 1.65 | 595 |
| | | | | | | | | | 4.11 | 990 |
| | | | | | | | | | 4.28 | 1080 |
| | | | | | | | | | 5.45 | 1150 |
| | | | | | | | | | 6.12 | 1210 |
| | | | | | | | | | 8.85 | 1600 |
| | | | | | | | | | 9.55 | 1700 |
| | | | | | | | | | 10.63 | 1800 |

注：表格中带*的参数仅作为参考，具体数值以实际供货电机的铭牌参数为准。

Note: The parameters with * in the table are for reference only. The specific values are subject to the nameplate parameters of the actual supplied motor.

附录 A-1

Appendix A-1

标准普通电机技术参数 (8/10 极)

Technical Data of Standard Ordinary Motors (8/10P)

| 机座号 Frame size | 额定功率 Rated power/kW | 满载时 Full load | | | | 堵转电流 Blocked current | 堵转转矩 Blocked torque | 最大转矩 Max torque | 转动惯量 Moment of inertia /(kg.m²) | 净重 Weight /kg* | | | | | |
|--|------------------------|--------------------------|---------------------|--------------------|-----------------------|-------------------------|------------------------|----------------------|---------------------------------------|-------------------|--------|------|--------|------|-------|
| | | 转速 Speed /(r/min)* | 电流 Current /A | 效率 Eff /(%)* | 功率因数 Power factor* | 额定电流 Rated current | 额定转矩 Rated torque | 额定转矩 Rated torque | | | | | | | |
| 同步转速 750r/min 8 极 Synchronous Speed 750r/min 8P | | | | | | | | | | | | | | | |
| 801-8 | 0.18 | 630 | 0.88 | 51.0 | 0.61 | 3.3 | 1.8 | 1.9 | 0.00158 | 17 | | | | | |
| 802-8 | 0.25 | 640 | 1.15 | 54.0 | | 4.0 | | | 0.0021 | 19 | | | | | |
| 90S-8 | 0.37 | 660 | 1.49 | 62.0 | | | | | | | 0.0029 | 23 | | | |
| 90L-8 | 0.55 | | 2.18 | 63.0 | 0.0035 | | 25 | | | | | | | | |
| 100L1-8 | 0.75 | 690 | 2.43 | 71.0 | | 0.67 | | 5.0 | 0.0069 | 33 | | | | | |
| 100L2-8 | 1.1 | | 3.42 | 73.0 | | 0.69 | | | | | 0.0107 | 38 | | | |
| 112M-8 | 1.5 | 680 | 4.47 | 75.0 | 0.71 | 6.0 | 2.0 | | | | | | 0.0149 | 50 | |
| 132S-8 | 2.2 | 710 | 6.04 | 78.0 | | | | 0.73 | 1.9 | 0.0314 | | | | | 63 |
| 132M-8 | 3.0 | | 7.9 | 79.0 | | | | | | | 0.0395 | 79 | | | |
| 160M1-8 | 4.0 | 720 | 10.28 | 81.0 | 0.74 | 2.0 | 2.0 | | | | | | 0.0753 | 118 | |
| 160M2-8 | 5.5 | | 13.61 | 83.0 | | | | 0.75 | 0.0931 | 119 | | | | | |
| 160L-8 | 7.5 | | 17.88 | 85.5 | | | | | | | 0.126 | 145 | | | |
| 180L-8 | 11 | 730 | 25.29 | 87.5 | 0.76 | 6.6 | 1.9 | | | | | | 0.203 | 184 | |
| 200L-8 | 15 | | 34.09 | 88.0 | | | | 0.79 | 1.8 | 0.339 | | | | | 250 |
| 225S-8 | 18.5 | | 40.58 | 90.0 | | | | | | | 0.81 | 6.4 | | | |
| 225M-8 | 22 | 740 | 47.37 | 90.5 | 0.78 | 6.6 | 1.9 | | | | | | 0.547 | 292 | |
| 250M-8 | 30 | | 63.43 | 91.0 | | | | 0.79 | 1.9 | 0.834 | | | | | 405 |
| 280S-8 | 37 | | 76.83 | 91.5 | | | | | | | 0.81 | 6.4 | | | |
| 280M-8 | 45 | | 92.93 | 92.0 | 0.82 | 6.4 | 1.8 | | | | | | 1.65 | 592 | |
| 315S-8 | 55 | | 112.97 | 92.8 | | | | 0.82 | 6.4 | 1.8 | | | | | 4.79 |
| 315M-8 | 75 | | 151.33 | 93.0 | | | | | | | 0.82 | 6.4 | | | |
| 315L1-8 | 90 | | 177.86 | 93.8 | 0.82 | 6.4 | 1.8 | | | | | | 6.37 | 1160 | |
| 315L2-8 | 110 | | 216.92 | 94.0 | | | | 0.82 | 6.4 | 1.8 | | | | | 7.23 |
| 355M1-8 | 132 | | 260.3 | 93.7 | | | | | | | 0.82 | 6.4 | | | |
| 355M2-8 | 160 | | 310.07 | 94.2 | 0.82 | 6.4 | 1.8 | | | | | | 11.73 | 1700 | |
| 355L-8 | 200 | | 386.36 | 94.5 | | | | 0.83 | 6.4 | 1.8 | | | | | 12.86 |
| 同步转速 600r/min 10 极 Synchronous Speed 600r/min 10P | | | | | | | | | | | | | | | |
| 315S-10 | 45 | 590 | 99.67 | 91.5 | 0.75 | 6.2 | 1.5 | | | | 2.0 | 4.79 | 810 | | |
| 315M-10 | 55 | | 121.16 | 92.0 | 0.75 | | | 6.2 | 1.5 | 2.0 | | 6.37 | 930 | | |
| 315L1-10 | 75 | | 162.16 | 92.5 | 0.76 | | | | | | | 6.2 | 1.5 | 2.0 | 7.0 |
| 315L2-10 | 90 | | 191.03 | 93.0 | 0.77 | 6.2 | 1.5 | | | | 2.0 | | | | 7.15 |
| 355M1-10 | 110 | | 230 | 93.2 | 0.78 | | | 6.0 | 1.3 | 2.0 | | | | | 12.55 |
| 355M2-10 | 132 | | 275.11 | 93.5 | | | | | | | | 0.78 | 6.0 | 1.3 | 2.0 |
| 355L-10 | 160 | | 333.47 | 93.5 | | 0.78 | 6.0 | | | | 1.3 | | | | |

注：表格中带*的参数仅作参考，具体数值以实际供货电机的铭牌参数为准。

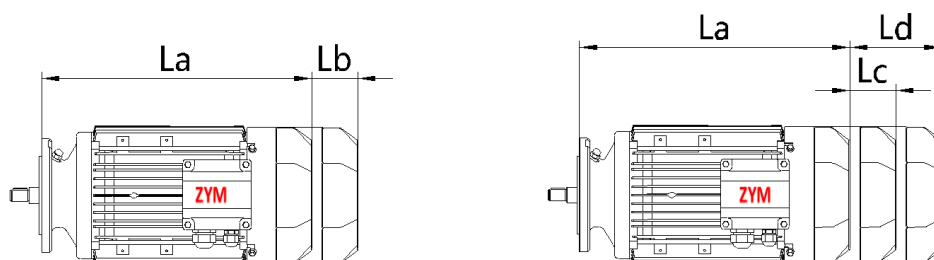
Note: The parameters with * in the table are for reference only. The specific values are subject to the nameplate parameters of the actual supplied motor.

附录 A-2

Appendix A-2

ZY 系列用直联型 IE3 普通电机尺寸 L1(L1=La, La 值见下表)

ZY series gearbox connects IE3 ordinary motor directly without flange,(the size is L1, L1 is equal to La)



ZBR 系列 La 值 La for ZBR Series

| 机型号 Type size | Frame size 机座号 | 63M | 71M | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M |
|-----------------------------|-------------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ZYR...19/29/39 | | 257 | 257 | 310 | 333 | 368 | 399 | | | | | | | | | | | | | |
| ZYR...49/59/69/ZYRX...59/69 | | 257 | 257 | 304 | 327 | 362 | 391 | 441 | 447 | 482 | | | | | | | | | | |
| ZYR...79/ZYRX...79 | | 258 | 258 | 298 | 319 | 354 | 383 | 432 | 435 | 470 | 521 | 562 | | | | | | | | |
| ZYR...89/ZYRX...89 | | | | 293 | 315 | 350 | 379 | 427 | 430 | 465 | 518 | 562 | 631 | 669 | | | | | | |
| ZYR...99/ZYRX...99 | | | | 284 | 313 | 342 | 373 | 422 | 425 | 460 | 526 | 570 | 626 | 664 | 713 | | | | | |
| ZYR...109/ZYRX...109 | | | | | | | 367 | 416 | 419 | 454 | 528 | 572 | 620 | 658 | 707 | 721 | 746 | | | |
| ZYR...139/ZYRX...139 | | | | | | | | 412 | 447 | 530 | 574 | 613 | 651 | 700 | 709 | 734 | 816 | | | |
| ZYR...149 | | | | | | | | | | 532 | 576 | 605 | 643 | 681 | 706 | 731 | 808 | 872 | 923 | |
| ZYR...169/179 | | | | | | | | | | 535 | 579 | 603 | 641 | 680 | 693 | 718 | 800 | 861 | 912 | |

ZYS 系列 La 值 La for ZBS Series

| 机型号 Type size | Frame size 机座号 | 63M | 71M | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M |
|------------------|-------------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ZYS...39/49/59 | | 257 | 257 | 310 | 333 | 368 | 399 | | | | | | | | | | | | | |
| ZYS...69 | | 257 | 257 | 304 | 327 | 362 | 391 | 441 | 447 | 482 | | | | | | | | | | |
| ZYS...79 | | 258 | 258 | 298 | 319 | 354 | 383 | 432 | 435 | 470 | 521 | 562 | | | | | | | | |
| ZYS...89 | | | | 293 | 315 | 350 | 379 | 427 | 430 | 465 | 518 | 562 | 631 | 669 | | | | | | |
| ZYS...99 | | | | 284 | 313 | 342 | 373 | 422 | 425 | 460 | 526 | 570 | 626 | 664 | 713 | | | | | |
| ZYS...109 | | | | | | | 367 | 416 | 419 | 454 | 528 | 572 | 620 | 658 | 707 | | | | | |

ZYK 系列 La 值 La for ZBK Series

| 机型号 Type size | Frame size 机座号 | 63M | 71M | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M |
|-------------------|-------------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ZYK...39 | | 257 | 257 | 310 | 333 | 368 | 399 | | | | | | | | | | | | | |
| ZYK...49/59/69 | | 257 | 257 | 304 | 327 | 362 | 391 | 441 | 447 | 482 | | | | | | | | | | |
| ZYK...79 | | 258 | 258 | 298 | 319 | 354 | 383 | 432 | 435 | 470 | 521 | 562 | | | | | | | | |
| ZYK...89 | | | | 293 | 315 | 350 | 379 | 427 | 430 | 465 | 518 | 562 | 631 | 669 | | | | | | |
| ZYK...99 | | | | 284 | 313 | 342 | 373 | 422 | 425 | 460 | 526 | 570 | 626 | 664 | 713 | | | | | |
| ZYK...109 | | | | | | | 367 | 416 | 419 | 454 | 528 | 572 | 620 | 658 | 707 | 721 | 746 | | | |
| ZYK...129 | | | | | | | | 404 | 439 | 532 | 576 | 605 | 643 | 681 | 706 | 731 | 808 | 872 | 923 | |
| ZYK...159/169/189 | | | | | | | | | | 535 | 579 | 603 | 641 | 680 | 693 | 718 | 800 | 861 | 912 | |

ZYF 系列 La 值 La for ZBF Series

| 机型号 Type size | Frame size 机座号 | 63M | 71M | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M |
|------------------|-------------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ZYF...39/49 | | 257 | 257 | 310 | 333 | 368 | 399 | | | | | | | | | | | | | |
| ZYF...59/69 | | 257 | 257 | 304 | 327 | 362 | 391 | 441 | 447 | 482 | | | | | | | | | | |
| ZYF...79 | | 258 | 258 | 298 | 319 | 354 | 383 | 432 | 435 | 470 | 521 | 562 | | | | | | | | |
| ZYF...89 | | | | 293 | 315 | 350 | 379 | 427 | 430 | 465 | 518 | 562 | 631 | 669 | | | | | | |
| ZYF...99 | | | | 284 | 313 | 342 | 373 | 422 | 425 | 460 | 526 | 570 | 626 | 664 | 713 | | | | | |
| ZYF...109 | | | | | | | 367 | 416 | 419 | 454 | 528 | 572 | 620 | 658 | 707 | 721 | 746 | | | |
| ZYF...129 | | | | | | | | 404 | 439 | 532 | 576 | 605 | 643 | 681 | 706 | 731 | 808 | 872 | 923 | |
| ZYF...159 | | | | | | | | | | 535 | 579 | 603 | 641 | 680 | 693 | 718 | 800 | 861 | 912 | |

附录 A-2

Appendix A-2

ZY 系列用直联型非普通电机尺寸 L1

ZY series use directly type not ordinary motor size L1

| 电机类型 Motor type 机座号 Frame size | 变频直联电机 variable frequency directly motor | 制动直联电机 brake directly motor | 变频制动直联电机 variable frequency brake directly motor |
|---|---|--------------------------------|---|
| | L1=La+Lb | L1=La+Lc | L1=La+Ld |
| 63M | La+67 | La+57 | La+112 |
| 71M | La+67 | La+57 | La+112 |
| 80M | La+59 | La+60 | La+106 |
| 90S | La+74 | La+70 | La+122 |
| 90L | La+74 | La+70 | La+119 |
| 100L | La+77 | La+68 | La+108 |
| 112M | La+83 | La+74 | La+102 |
| 132S | La+73 | La+82 | La+129 |
| 132M | La+73 | La+82 | La+109 |
| 160M | La+65 | La+91 | La+155 |
| 160L | La+68 | La+94 | La+158 |
| 180M | La+112 | La+125 | La+212 |
| 180L | La+112 | La+125 | La+212 |
| 200L | La+73 | La+148 | La+213 |
| 225S | La+92 | La+167 | La+236 |
| 225M | La+92 | La+167 | La+236 |
| 250M | La+100 | La+183 | La+260 |
| 280S | La+127 | La+201 | La+293 |
| 280M | La+127 | La+201 | La+293 |

注：La 尺寸见上表。

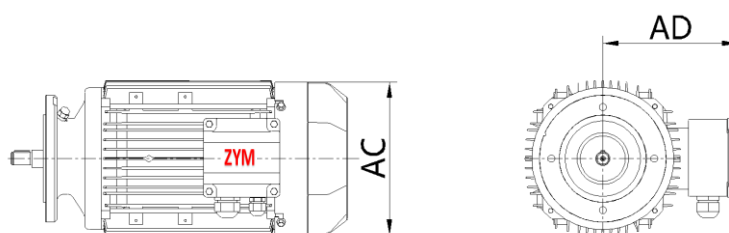
Note: La size are shown in the above table.

附录 A-3

Appendix A-3

ZY 系列用直联型 IE2 电机外壳尺寸 AC 和接线盒高度尺寸 AD

ZY series use directly type IE2 motor shell size AC and terminal box height size AD



| 电机 尺寸 Motor size | Frame size 机座号 | 63M | 71M | 80M | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M | 250M | 280S | 280M |
|------------------------|-------------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| AC | | 163 | 163 | 179 | 198 | 198 | 228 | 249 | 295 | 295 | 337 | 337 | 376 | 376 | 405 | 451 | 451 | 490 | 552 | 552 |
| AD | | 138 | 138 | 149 | 166 | 166 | 181 | 187 | 210 | 210 | 260 | 260 | 285 | 285 | 310 | 340 | 340 | 375 | 415 | 415 |

注：以上尺寸仅适用于普通直联电机，变频直联电机，制动直联电机，变频制动直联电机。

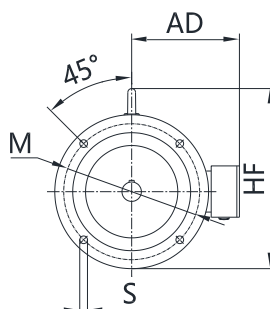
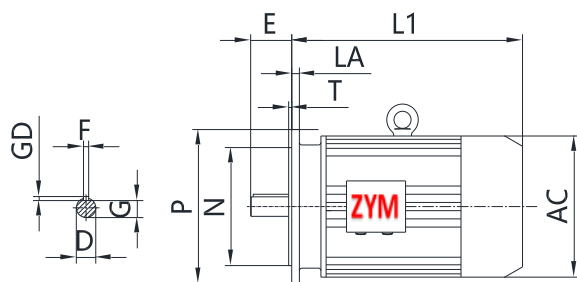
Note: The above size just apply to common directly motor, variable frequency directly motor, brake directly motor, variable frequency brake directly motor.

注：所有直联型电机的重量参考标准普通电机重量。

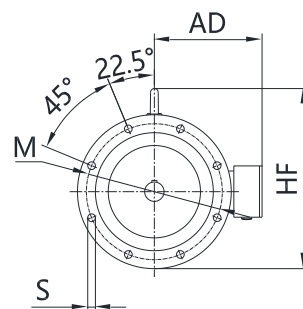
Note: The weight of all direct connection motors refer to the weight of standard ordinary motors.

附录 A-4

Appendix A-4



机座号63-200



机座号225-315

标准普通电机外形及安装尺寸

Dimensions of Standary Ordinary Motors

| 机座号 Frame size | 安装尺寸及外形尺寸 | | | | | | | | Mounting Dimensions | | | | | | | | | | |
|----------------------|-----------|-------|-------|-------|-------|-------|------|-------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|
| | D | | E | | F×GD | | G | | M | N | P | S | T | AC | AD | LA | HF | L1 | |
| | 2P | 4-10P | 2P | 4-10P | 2P | 4-10P | 2P | 4-10P | | | | | | | | | | 2P | 4-10P |
| 63M | 11 | | 23 | | 4×4 | | 8.5 | | 115 | 95 | 140 | 10 | 3 | 130 | 70 | 10 | 130 | 207 | |
| 71M | 14 | | 30 | | 5×5 | | 11 | | 130 | 110 | 160 | | | 12 | 3.5 | 145 | 80 | 10 | 145 |
| 80M | 19 | | 40 | | 6×6 | | 15.5 | | 165 | 130 | 200 | 12 | 4 | | | 175 | 145 | 12 | 185 |
| 90S | 24 | 50 | 8×7 | 20 | 165 | 130 | 200 | 12 | | | | | | 195 | 155 | 12 | 195 | 270 | |
| 90L | | | | | | | | | 295 | | | | | | | | | | |
| 100L | 28 | 60 | | 24 | 215 | 180 | 250 | 15 | 4 | 215 | 180 | 14 | 245 | 325 | | | | | |
| 112M | | | | | | | | | | 240 | 190 | 14 | 265 | 340 | | | | | |
| 132S | 38 | 80 | 10×8 | 33 | 265 | 230 | 300 | 15 | 4 | 275 | 210 | 14 | 315 | 390 | | | | | |
| 132M | | | | | | | | | | | | | | 430 | | | | | |
| 160M | 42 | 110 | 12×8 | 37 | 300 | 250 | 350 | 19 | 5 | 330 | 255 | 16 | 385 | 505 | | | | | |
| 160L | | | | | | | | | | | | | | 560 | | | | | |
| 180M | 48 | | 14×9 | 42.5 | 380 | 280 | 18 | | | 430 | 590 | | | | | | | | |
| 180L | | | | | | | | | | | 630 | | | | | | | | |
| 200L | 55 | | 16×10 | | 49 | | 350 | 300 | 400 | 420 | 305 | 18 | 480 | 660 | | | | | |
| 225S | | 60 | | 140 | 16×10 | 18×11 | | 53 | 400 | 350 | 450 | 470 | 335 | 20 | 535 | 675 | | | |
| 225M | 55 | 60 | 110 | 140 | | | 49 | 53 | | | | | | | | 710 | 705 | | |
| 250M | 60 | 65 | 140 | 18×11 | | 53 | 58 | 500 | 450 | 550 | 24 | 6 | 510 | 370 | 22 | 595 | 770 | | |
| 280S | 65 | 75 | | 18×11 | 20×12 | 58 | 67.5 | | | | | | 580 | 410 | 22 | 650 | 845 | | |
| 280M | | | | | | | | | | | | | | | | | 895 | | |
| 315S | 65 | 80 | 140 | 170 | 18×11 | 22×14 | 58 | 71 | 600 | 550 | 660 | 24 | 6 | 645 | 530 | 25 | 845 | 1020 | 1100 |
| 315M | | | | | | | | | | | | | | | | | | 1050 | 1130 |
| 315L1 | 65 | 80 | 140 | 170 | 18×11 | 22×14 | 58 | 71 | 600 | 550 | 660 | 24 | 6 | 645 | 530 | 25 | 845 | 1020 | 1100 |
| 315L2 | | | | | | | | | | | | | | | | | | 1050 | 1130 |

附录 B

Appendix B

YEJ 系列电机外形及安装尺寸

Dimensions of YEJ Series Motors

| 机座号 Frame size | 80 | 90S | 90L | 100L | 112M | 132S | 132M | 160M | 160L | 180M | 180L | 200L | 225S | 225M |
|-------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|
| L1 | 350 | 370 | 395 | 420 | 450 | 505 | 545 | 610 | 655 | 715 | 765 | 790 | 860 | 890 |

注：图形参照附录 A，其余尺寸同标准普通电机。

Note: See appendix A for dimensional drawings. Other dimensions are same as standary ordinary motors.

附录 C

Appendix C

ZY 系列减速电机最大输出转矩表

Max. Output Torque Table, ZY Series Geared Motors

ZYRX 系列 ZYRX Series

| 机型号 Type size | ZRX.59 | ZRX.69 | RX..79 | ZRX..89 | ZRX..99 | ZRX..109 | ZRX..139 | | | | | | | |
|------------------------------------|--------|--------|--------|---------|---------|----------|----------|--|--|--|--|--|--|--|
| 最大输出转矩 Max.output torque(Nm) | 70 | 135 | 215 | 400 | 600 | 830 | 1500 | | | | | | | |

ZYR 系列 ZYR Series

| 机型号 Type size | ZR..19 | ZR..29 | ZR..39 | ZR..49 | ZR..59 | ZR..69 | ZR..79 | ZR..89 | ZR..99 | ZR..109 | ZR..139 | ZR..149 | ZR..169 | ZR..179 |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| 最大输出转矩 Max.output torque(Nm) | 85 | 130 | 200 | 300 | 450 | 600 | 820 | 1550 | 3000 | 4300 | 8000 | 13000 | 18000 | 36600 |

ZYS 系列 ZYS Series

| 机型号 Type size | ZS..39 | ZS..49 | ZS..59 | ZS..69 | ZS..79 | ZS..89 | ZS..99 | ZS..109 | | | | | | |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|--|--|--|--|--|
| 最大输出转矩 Max.output torque(Nm) | 87 | 170 | 300 | 520 | 1220 | 2300 | 4000 | 6500 | | | | | | |

ZYK 系列 ZYK Series

| 机型号 Type size | ZK..39 | ZK..49 | ZK..59 | ZK..69 | ZK..79 | ZK..89 | ZK..99 | ZK..109 | ZK..129 | ZK..159 | ZK..169 | ZK..189 | | |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|--|--|
| 最大输出转矩 Max.output torque(Nm) | 200 | 400 | 600 | 820 | 1550 | 2700 | 4300 | 8000 | 13000 | 18000 | 32000 | 50000 | | |

ZYF 系列 ZYF Series

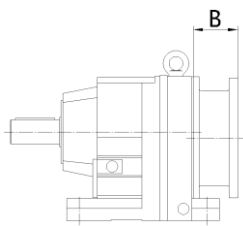
| 机型号 Type size | ZF..39 | ZF..49 | ZF..59 | ZF..69 | ZF..79 | ZF..89 | ZF..99 | ZF..109 | ZF..129 | ZF..159 | | | | |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--|--|--|--|
| 最大输出转矩 Max.output torque(Nm) | 200 | 400 | 600 | 820 | 1550 | 2700 | 4300 | 8000 | 13000 | 18000 | | | | |

注：表中所列为减速电机最大负载转矩。实际上，同一规格的减速电机在不同传动比时，其最大承载转矩有可能不同。必要时，此值可按“选型参数表”中的输出转矩 M_a 乘以使用系数 f_b 求得。瞬间过载能力可达最大转矩的 1.8 倍。

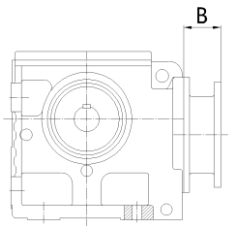
Note: List date is gearmotor's max. output torque. In fact the torque see selection table, the value equal the rate torque and service factor product. On request, please contact us.

附录 D

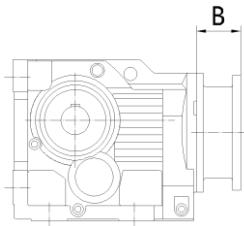
Appendix D



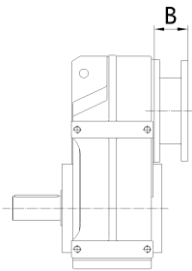
ZYR 系列 GR Series



ZYS 系列 GS Series



ZYK 系列 GK Series



ZYF 系列 ZYF Series

联接法兰尺寸 B (联接 IEC 标准电机)
The dimension B of the flange for IEC series motors

ZYR 系列 ZYR Series

| 机型号 Type size | Frame size 机座号 | 63 | 71 | 80 | 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 |
|---------------------------|-------------------|------|------|------|------|-----|-----|-----|---------|---------|-------------|---------|---------|---------|---------|
| ZYR...19/29/39 | | 50 | 70.5 | 99.5 | 99.5 | 119 | | | | | | | | | |
| ZYR...49/59/69/RX...59/69 | | 44.5 | 65 | 94 | 94 | 111 | 111 | 150 | | | | | | | |
| ZYR...79/ZYRX...79 | | 36.5 | 59 | 88 | 88 | 103 | 103 | 138 | 179 | | | | | | |
| ZYR...89/ZYRX...89 | | | | 83 | 83 | 99 | 99 | 133 | 174 | 174 | | | | | |
| ZYR...99/ZYRX...99 | | | | 73.5 | 73.5 | 93 | 93 | 128 | 169 | 169 | 165.5 | | | | |
| ZYR...109/ZYRX...109 | | | | | | 87 | 87 | 122 | 163 | 163 | 159.5 | 193 | | | |
| ZYR...139/ZYRX...139 | | | | | | | | 115 | 156 | 156 | 152.5 | 186 | 185 | | |
| ZYR...149 | | | | | | | | | 148 | 148 | 144.5 | 178 | 177 | 189 | |
| ZYR...169/179 | | | | | | | | | 140/132 | 140/132 | 136.5/128.5 | 170/162 | 166/158 | 178/170 | 253/245 |

ZYS 系列 ZYS Series

| 机型号 Type size | Frame size 机座号 | 63 | 71 | 80 | 90 | 100 | 112 | 132 | 160 | 180 | 200 | | | | |
|------------------|-------------------|------|------|------|------|-----|-----|-----|-----|-----|-------|--|--|--|--|
| ZYS...39/49/59 | | 50 | 70.5 | 99.5 | 99.5 | 119 | | | | | | | | | |
| ZYS...69 | | 44.5 | 65 | 94 | 94 | 111 | 111 | 150 | | | | | | | |
| ZYS...79 | | 36.5 | 59 | 88 | 88 | 103 | 103 | 138 | 179 | | | | | | |
| ZYS...89 | | | | 83 | 83 | 99 | 99 | 133 | 174 | 174 | | | | | |
| ZYS...99 | | | | 73.5 | 73.5 | 93 | 93 | 128 | 169 | 169 | | | | | |
| ZYS...109 | | | | | | 87 | 87 | 122 | 163 | 163 | 159.5 | | | | |

ZYK 系列 ZYK Series

| 机型号 Type size | Frame size 机座号 | 63 | 71 | 80 | 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 |
|------------------|-------------------|------|------|------|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|
| ZYK...39 | | 50 | 70.5 | 99.5 | 99.5 | 119 | | | | | | | | | |
| ZYK...49/59/69 | | 44.5 | 65 | 94 | 94 | 111 | 111 | 150 | | | | | | | |
| ZYK...79 | | 36.5 | 59 | 88 | 88 | 103 | 103 | 138 | 179 | | | | | | |
| ZYK...89 | | | | 83 | 83 | 99 | 99 | 133 | 174 | 174 | | | | | |
| ZYK...99 | | | | | 73.5 | 93 | 93 | 128 | 169 | 169 | 165.5 | | | | |
| ZYK...109 | | | | | | 87 | 87 | 122 | 163 | 163 | 159.5 | 193 | | | |
| ZYK...129 | | | | | | | | 107 | 148 | 148 | 144.5 | 178 | 177 | 189 | |
| ZYK...159/169 | | | | | | | | | 140 | 140 | 136.5 | 170 | 166 | 178 | 253 |
| ZYK...189 | | | | | | | | | 132 | 132 | 128.5 | 162 | 158 | 170 | 245 |

ZYF 系列 ZYF Series

| 机型号 Type size | Frame size 机座号 | 63 | 71 | 80 | 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 |
|------------------|-------------------|------|------|------|------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|
| ZYF...39/49 | | 50 | 70.5 | 99.5 | 99.5 | 119 | | | | | | | | | |
| ZYF...59/69 | | 44.5 | 65 | 94 | 94 | 111 | 111 | 150 | | | | | | | |
| ZYF...79 | | 36.5 | 59 | 88 | 88 | 103 | 103 | 138 | 179 | | | | | | |
| ZYF...89 | | | | 83 | 83 | 99 | 99 | 133 | 174 | 174 | | | | | |
| ZYF...99 | | | | | 73.5 | 93 | 93 | 128 | 169 | 169 | 165.5 | | | | |
| ZYF...109 | | | | | | 87 | 87 | 122 | 163 | 163 | 159.5 | 193 | | | |
| ZYF...129 | | | | | | | | 107 | 148 | 148 | 144.5 | 178 | 177 | 189 | |
| ZYF...159 | | | | | | | | | 140 | 140 | 136.5 | 170 | 166 | 178 | 253 |

所配联接法兰的最大重量(kg) Maximum weight of coupling flange(kg)

| 机座号 | Frame size | 63 | 71 | 80 | 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 |
|--------|------------|-----|-----|----|----|------|------|------|------|------|------|------|-------|-------|-------|
| 重量(kg) | weight(kg) | 4.1 | 5.1 | 12 | 12 | 20.2 | 20.2 | 36.7 | 68.3 | 68.3 | 64.5 | 79.5 | 105.3 | 118.8 | 196.4 |

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