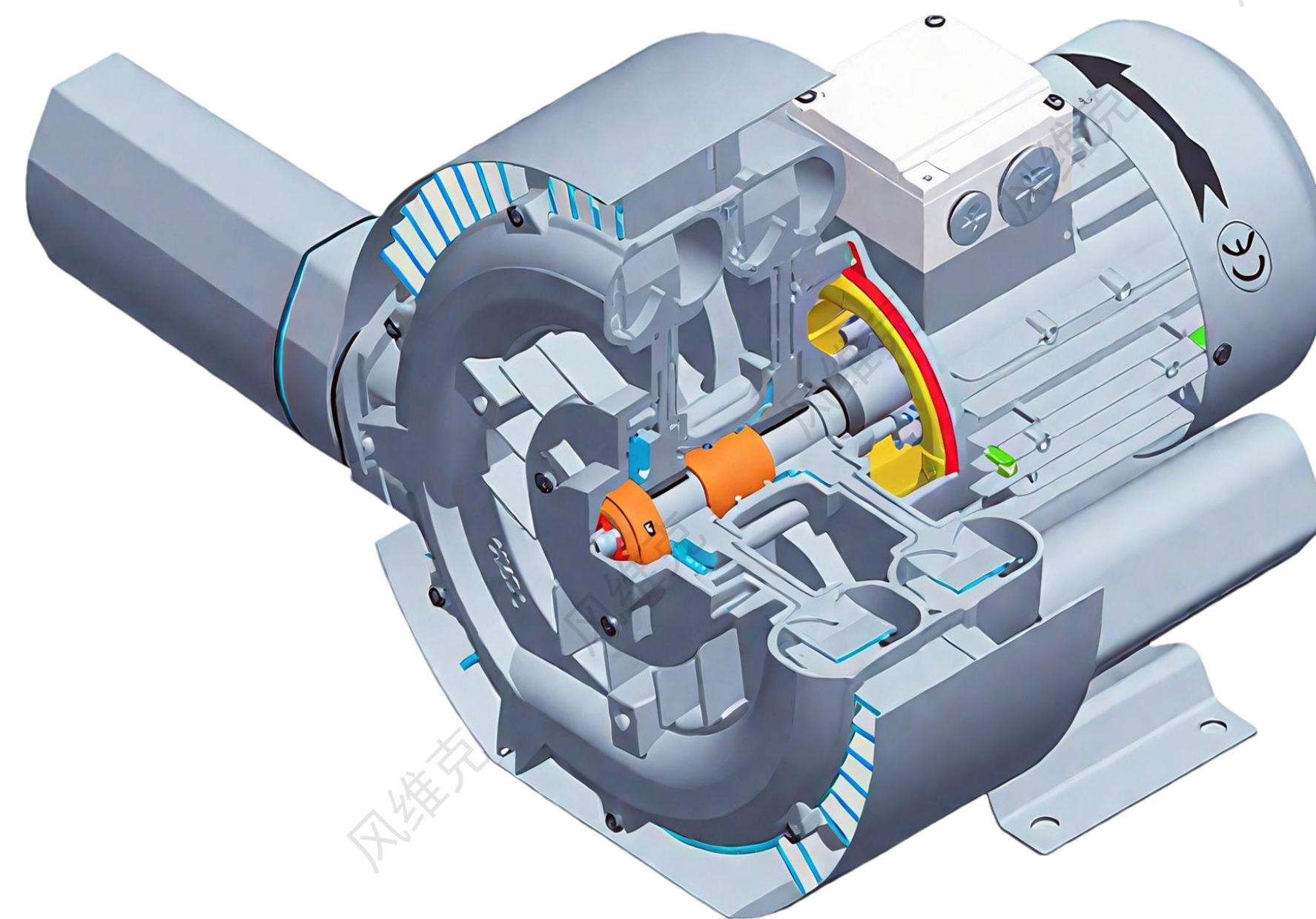
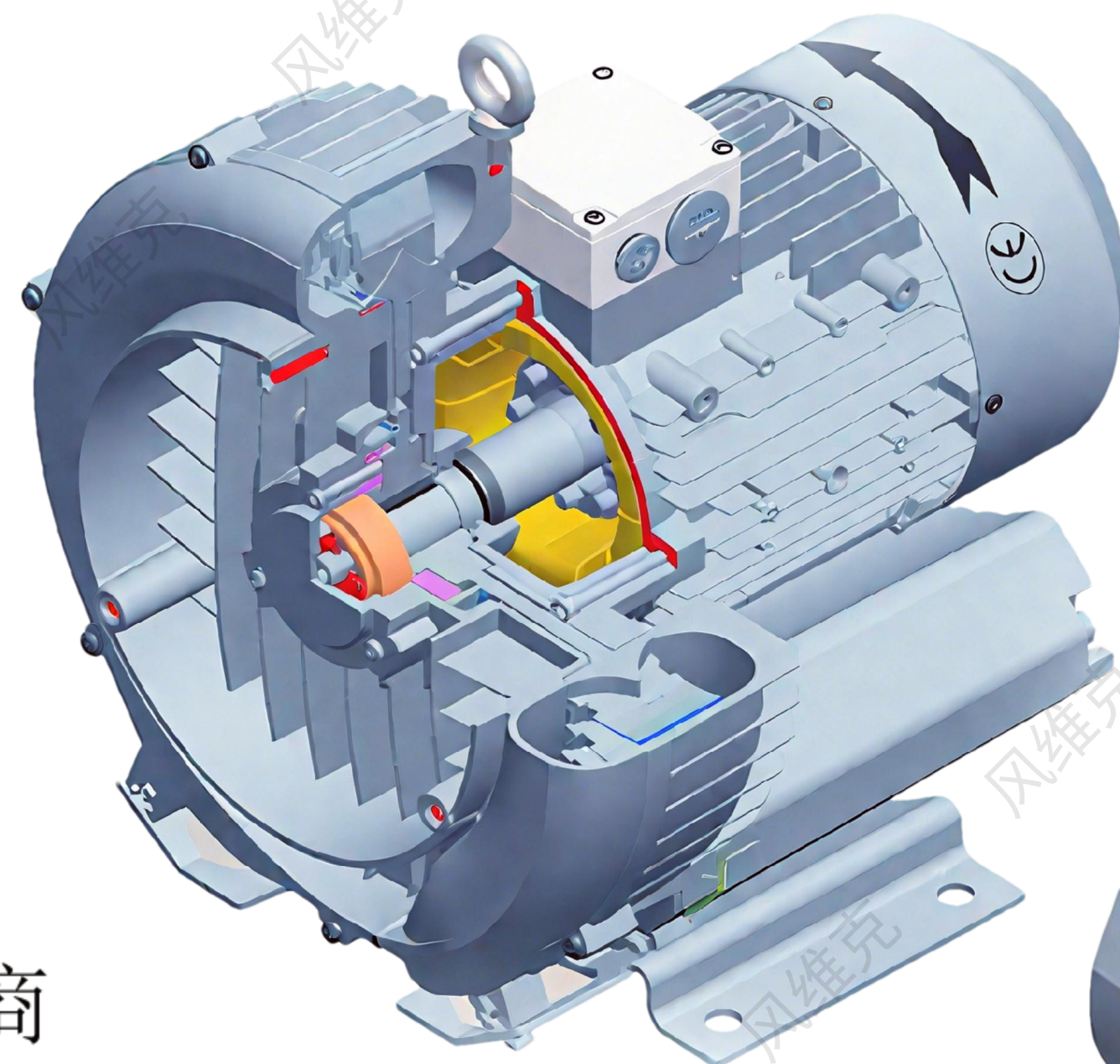


风维克®
Wind Vic

专业气环泵设计、制造商
Professional air pump design、manufacturer



江苏风维克智能设备有限公司

JIANGSU FENGWEI INTELLIGENT EQUIPMENT CO., LTD

2021 产品手册
product manuals



中国 — 上海 — 江苏



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- 风维克系列产品的优势、分类、型号说明 *Advantages, classification, model description of GREE products* 4-8
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JIANGSU FENGWEI INTELLIGENT EQUIPMENT CO., LTD

江苏风纳克智能科技有限公司
JIANGSU FENGNAKE INTELLIGENT TECHNOLOGY CO., LTD

高压风机|气环式真空泵|侧通道鼓风机的研发生产

HIGH PRESSURE FAN|AIR RING VACUUM PUMP|VORTEX PUMP·DEVELOPMENT

张小文 先生 销售工程师

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气环泵工作原理

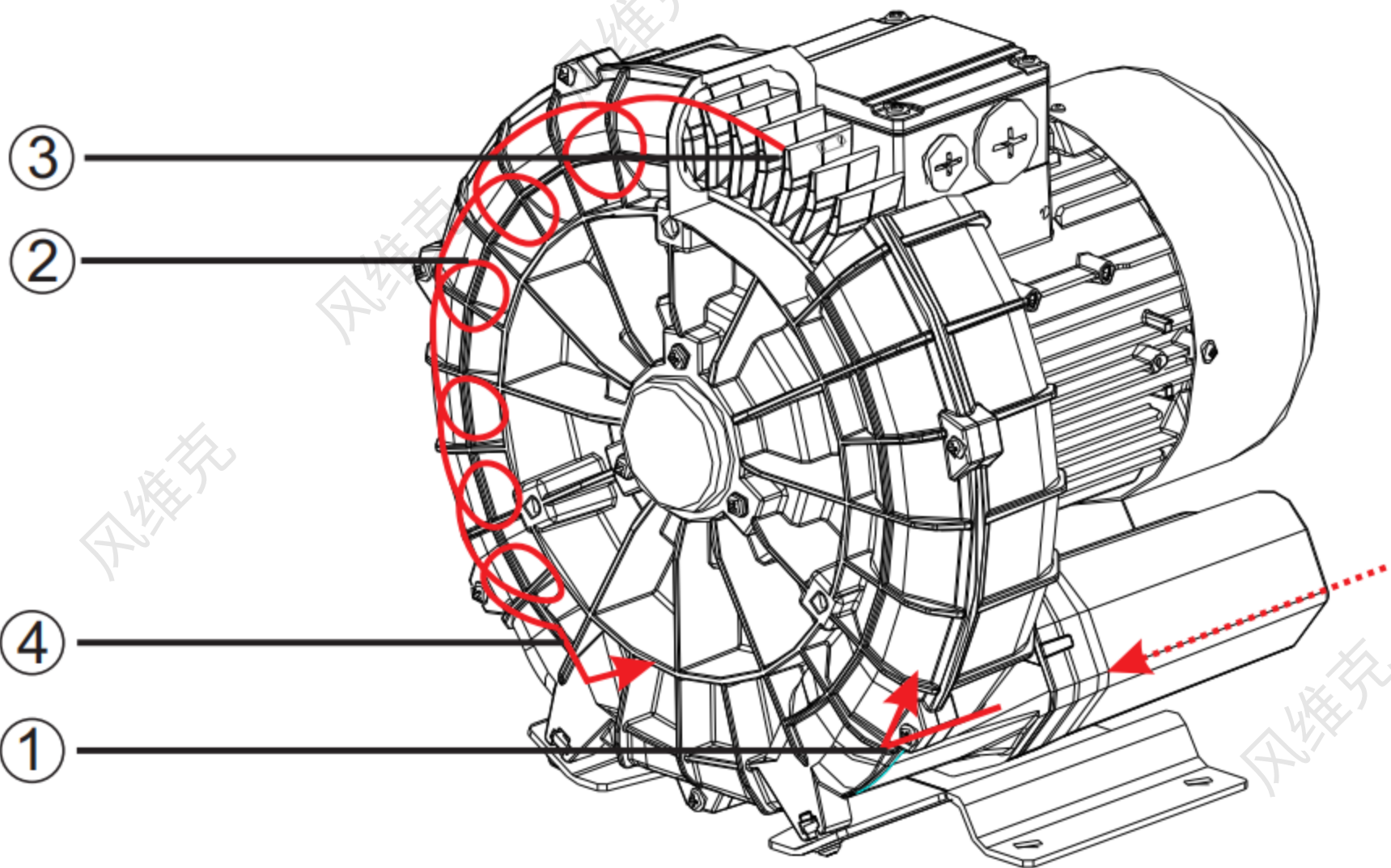
Operating Principle

叶轮 Impeller

侧流道 Side Channel

出风口 Air Outlet

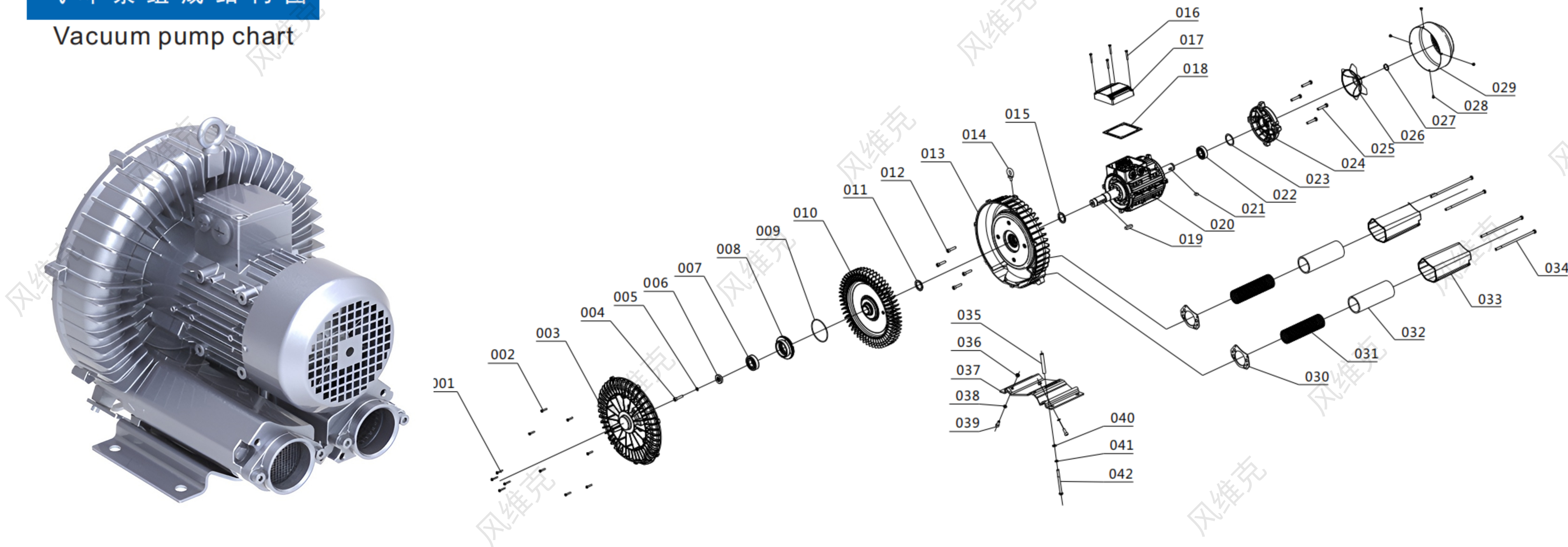
进风口 Air Inlet



气环泵叶轮直接安装在电机转子上，是完全的无接触压缩。由于泵轴安装在压缩腔外，所以即便工作在最大的压差下，也能确保机械的最大工作可靠性。气体由吸气口1吸入，但它进入侧通道2以后，旋转叶轮3在旋转方向上给气体一个速度同时叶片上离心力使气体向外加速且压力增加。随着旋转的进行，气体的动能增加，使得沿侧通道的气体压力进一步增加。随着侧通道在出口变窄，气体被挤出叶片并通过出口消声器4排出泵体。

The impellers are mounted directly on the motor shaft for noncontact compression entirely without friction. Maximum operational reliability, even at high differential is ensured by the arrangement of the bearings outside the compression chamber. The gas is taken in through the inlet 1. As it enters the side channel 2, the rotating impeller 3 imparts velocity to the gas in the direction of rotation. Centrifugal force in the impeller blades accelerates the gas outward and the pressure increases. Every rotation adds kinetic energy. Resulting in the further increase of the pressure along the side channel. The side channel narrows at the rotor, sweeping the gas off the impeller blades and discharging it through the outlet silencer 4 where it exits the side channel blower.

气环泵组成结构图
Vacuum pump chart



编号	部件名称	编号	部件名称	编号	部件名称	编号	部件名称	编号	部件名称
No.	Part name	No.	Part name	No.	Part name	No.	Part name	No.	Part name
001	泵盖中心螺丝 screw	010	叶轮 impeller	019	键销 flatkey	028	风罩螺丝 screw	037	底板 mounting plate
002	泵盖边丝 screw	011	叶轮挡片 impeller shutter	020	电机 motor	029	风罩 fan cover	038	弹簧垫 lockwasher
003	泵盖 Pump cover	012	泵体螺丝 Screw-pumpcasing	021	键销 flatkey	030	消音筒纸垫 paper pad	039	底板螺丝 screw
004	固定座螺丝 screw	013	泵体 pumpcasing	022	轴承 bearing	031	消音筒网片 mesh enclosure	040	底板平垫 washer
005	固定座垫片 washer	014	吊环 handring	023	波形垫片 ware washer	032	消音筒海绵 soundproof sponge	041	底板弹簧垫 lockwasher
006	固定座压板 pressure-plate	015	油封 oilseal	024	电机后盖 motor cover	033	消音筒 muffle tube	042	底板螺杆 screw
007	轴承 bearing	016	接线盒盖螺丝 screw	025	后盖螺丝 screw	034	消音筒螺杆 screw		
008	轴承座 fixing base	017	接线盒盖 themotor boxcover	026	风叶 fan	035	底板支撑管 support tube		
009	轴承座密封圈 o-ring	018	接线盒盖皮垫 rubber washer	027	卡簧 circlip	036	底板螺丝 screw		

企 业 特 色

Enterprise characteristic



✍ 新颖的外观设计，优秀的工艺水准，优化升级的内外构造

Innovative design, excellent technical level, optimization and upgrading of internal and external structure

✍ 针对性的行业解决方案，完整的加工、生产、检测流程

Targeted industry solutions, complete processing, production, testing process

✍ 专业高效的服务团队、熟练严谨的产业工人、科学的管理方式方法

Professional service team, skilled industrial workers, scientific management methods

● 机壳采用优质铝合金一次性压铸成型，零部件的加工在切削加工中完成，保证精度改进传统工艺

The shell adopts the high quality aluminum alloy one-time die-casting molding, machining parts Completed in the cutting process, ensure the accuracy improvement of traditional technology

● 叶轮的设计经过精确计算论证，使同功率下性能比同类产品提高20%

The design of the impeller through the accurate calculation of argumentation, the performance under the same power ratioSimilar products increased by 20%



气 环 泵 组 成 结 构 图

Vacuum pump chart

- 100%无油，无水压缩，所有的气环真空泵的电机均为IP55的防护等级，F级绝缘
 - 双频（50/60HZ）及宽电压能满足几乎世界上所有地区的电压等级，轴承外置设计，能承受较高的工作温度，提高了运行可靠性和使用寿命
 - 引进变频驱动新概念，比用普通电机驱动的性能最大可以提高到300%，叶轮与泵体间的独特的密封形式减少气体压缩过程中的压力损失
 - 泵壳、叶轮采用压铸模具成型，坚固耐用，散热优良，采用德国、日本进口精密机床加工切割，保证精度与品质，气泵表面经过防护漆处理
 - 产品经过严格机械、电气等各方面性能测试，采用PROE、UG、CAD等电脑辅助设计软件和运动模拟仿真演示
-
- 100% oil free compressed gas, water ring vacuum pump, motor, all are the protection class IP55, class H insulation
 - dual frequency (50/60Hz) and wide voltage can meet almost all regions of the world the voltage level, the external design of the bearing, can bear high working temperature, improves the reliability and service life
 - the introduction of variable frequency drive new concept, than the maximum performance can be driven by a common motor is improved to 300%, impeller and pump body seal forms the unique reduced pressure gas pressure loss in the process of compression
 - pump casing, impeller die-casting molding, sturdiness and durability, excellent heat dissipation, imported Japan Germany, precision machine tool cutting, ensure the accuracy and quality, air pump through the surface of protective paint processing
 - products through the strict mechanical, electrical performance test, simulation demonstrate the use of PROE, UG, CAD and other computer aided design software and motion

产品分类
Product categories

FVKseries
FVK系列

标准型 Standard type
FVK2/B3/B4/B5/B6/B7/B8/B9

适用于常规气环泵使用行业，安全可靠
Applicable to conventional gas ring pump industry, safe and reliable

中置型 Mid type
FVK2/B3/B4/B5/B6/B7/B8

改进型，适用于高温、耐腐蚀、条件苛刻的应用现场
Improved type, suitable for high temperature, corrosion resistance, harsh conditions of the application site, safe and reliable

皮带拖泵型 Belt drag pump type
FVK2/B3/B4/B5/B6/B7/B8/B9

独立泵头，可配置不同电机来拖动，流量压力增强型
Independent pump head, can be configured with different motor to drag, flow pressure enhanced

大流量型 Large flow type
FVK2/B3/B4/B5/B6/B7/B8/B9

所有型号的流量增强型，输出更多的气体量
All types of flow enhancement, output more gas volume

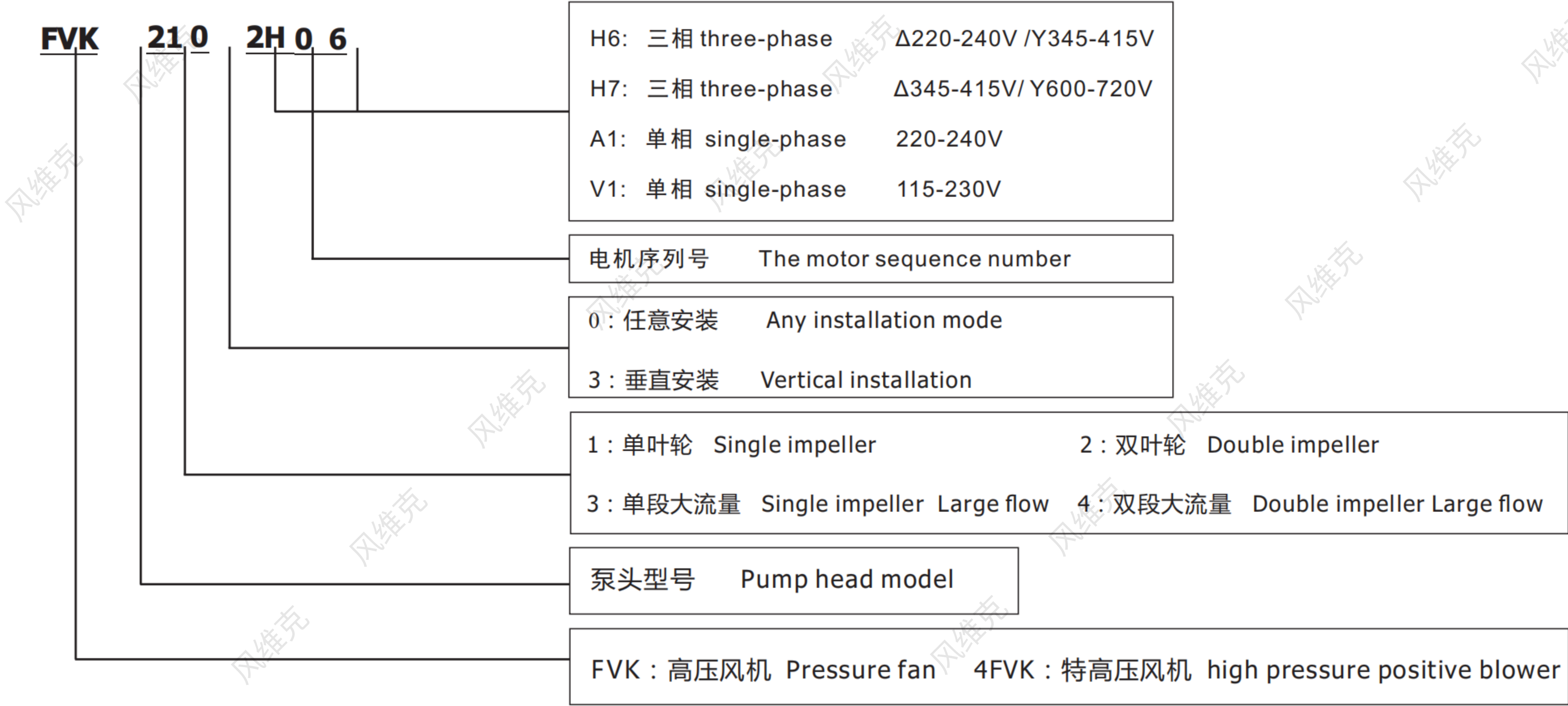
4FVK series
4FVK系列

标准型Standard type
4FVK2/B3/B4/B5/B6

输出压力高，温升高、安全可靠
The output pressure is high, the temperature rise is low, safe and reliable

型号说明

Demonstration of the type

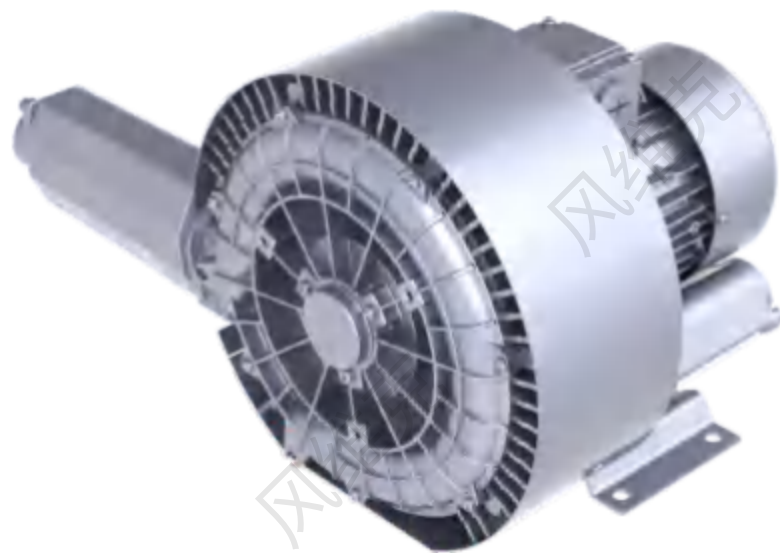


- 同时，针对性的提供全系列的密封性风机，全系列的防爆风机

At the same time, targeted to provide a full range of sealed fan, a full range of explosion-proof fan

FVK-2 3AC 气环泵型号及性能参数表 (IP55 50/60 Hz)

FVK 3AC Gas ring pump model and performance parameter table (IP55 50/60HZ)



型号 (FVK-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音	重量
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated		
	double	HZ	KW	V		A	m3/h	mbar	mbar		
FVK 210 2H16	单	50	0.4	200-240△	345-415Y	2.6△/1.5Y	80	-120	130	53	10
		60	0.5	220-275△	380-480Y	2.6△/1.5Y	80	-120	130	53	
FVK 220 2H26	双	50	0.7	200-240△	345-415Y	3.8△/2.2Y	85	-210	240	55	15
		60	0.83	220-275△	380-480Y	3.75△/2.15Y	102	-250	250	61	
FVK 230 2H16	单	50	0.4	200-240△	345-415Y	2.6△/1.5Y	105	-120	130	54	11
		60	0.5	220-275△	380-480Y	2.6△/1.5Y	120	-150	160	57	
FVK 230 2H26	单	50	0.7	200-240△	345-415Y	3.8△/2.2Y	105	-120	140	54	12
		60	0.83	220-275△	380-480Y	3.8△/2.2Y	120	-160	180	57	

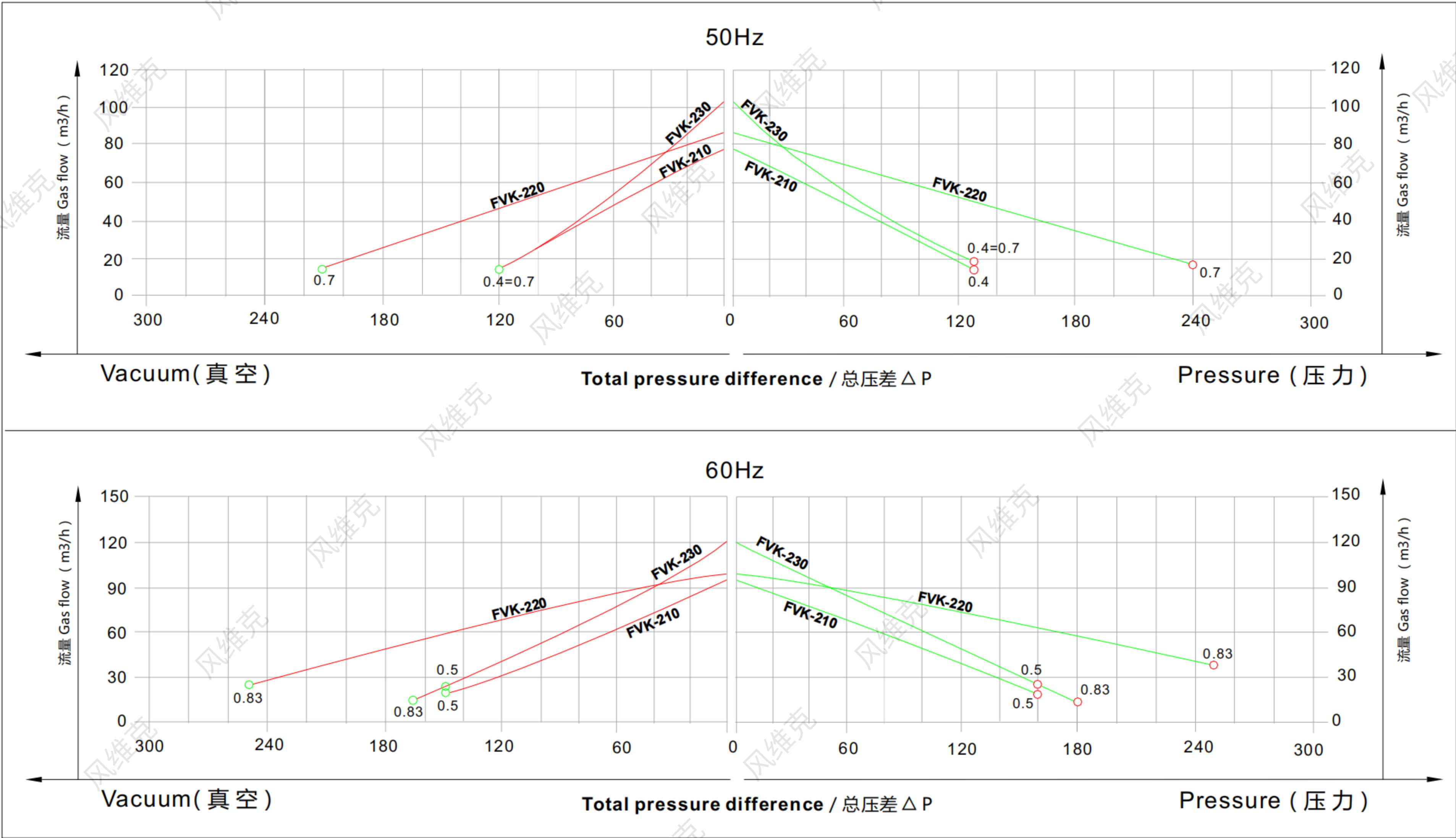
注：0.4-2.2KW可做单相电压



FVK-2 真空压缩曲线图

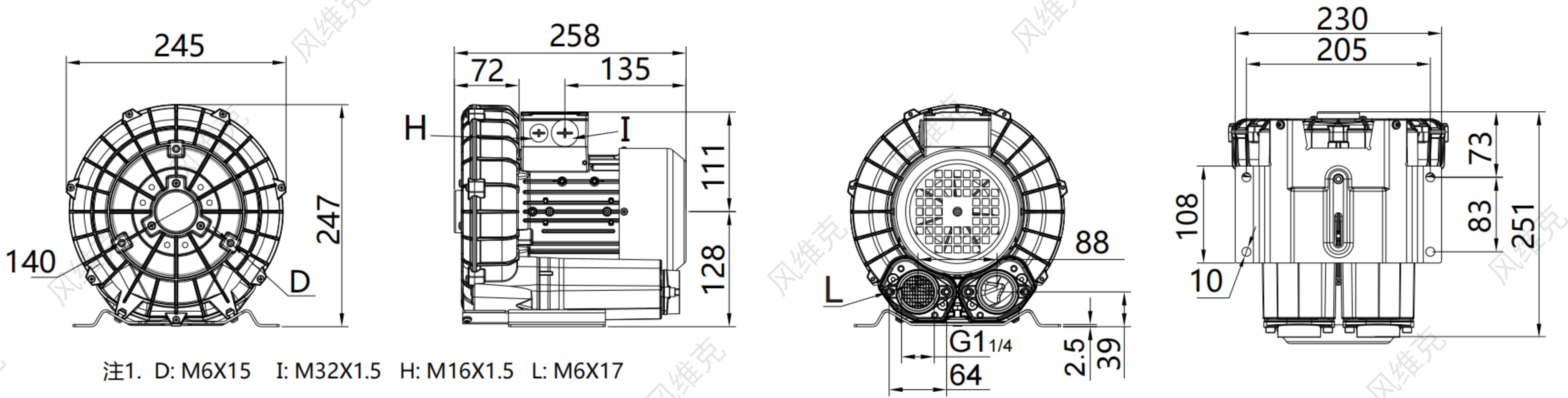
Vacuum compression type curve

下面的性能曲线是在吸抽15°C空气，排气压力1013mbar的工况下测出的，允差±10%,吸入空气和环境温度不超过25°C时，即可达到图示总压差。
the performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.103 mbar of ±10%.the total pressure differences are valid up to an intake and ambient of 25°C.



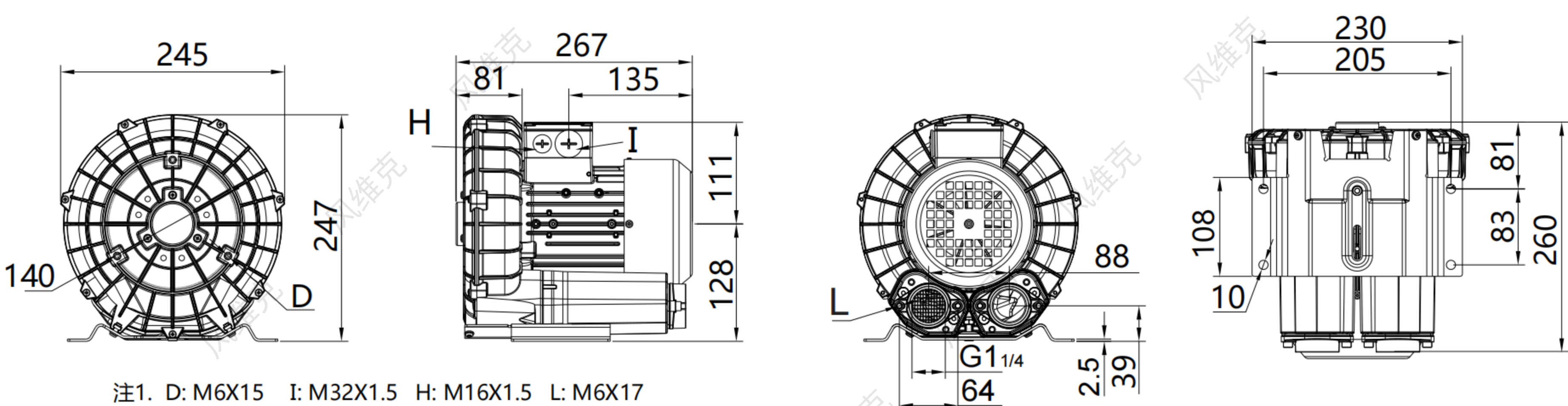
FVK210单级 安装尺寸

FVK210 Single-stage mounting dimensions



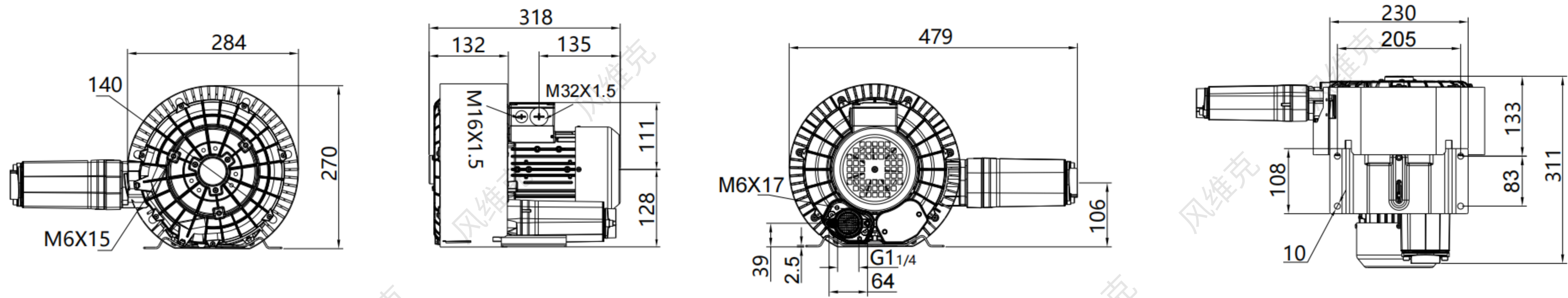
FVK230单级 安装尺寸

FVK230 Single stage mounting dimensions



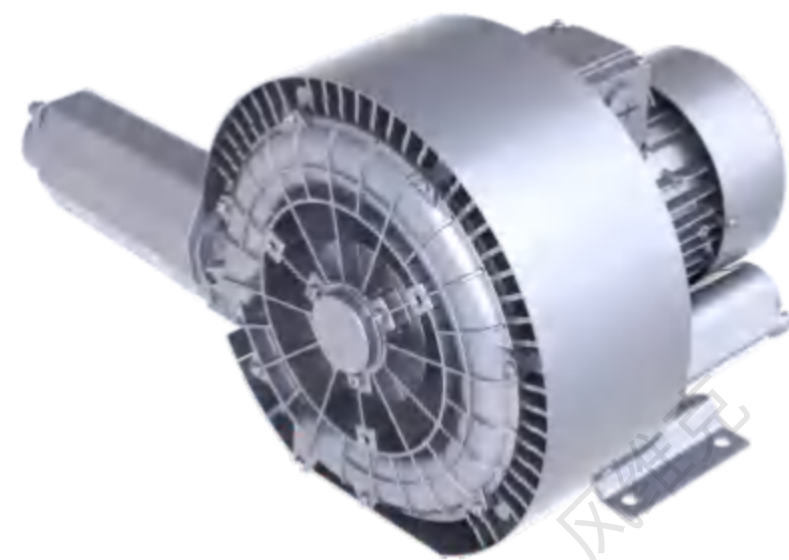
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FVK220-双级 安装尺寸
FVK220-Double stage mounting dimensions



FVK3 3AC 气环泵型号及性能参数表（IP55 50/60 Hz）

FVK3 3AC Gas ring pump model and performance parameter table （IP55 50/60HZ）



型号 (FVK3-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音	重量
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress		
	double	HZ	KW	V		A	m3/h	mbar	mbar		
• FVK310 2H06	单	50	0.55	200-240△	345-415Y	2.8△/1.6Y	100	-110	120	55	11
		60	0.63	220-275△	380-480Y	3.0△/1.7Y	120	-110	120	57	
• FVK310 2H16	单	50	0.7	200-240△	345-415Y	3.8△/2.2Y	100	-150	150	55	12
		60	0.83	220-275△	380-480Y	3.8△/2.2Y	120	-150	140	57	
• FVK330 2H06	单	50	0.55	200-240△	345-415Y	2.8△/1.6Y	140	-60	60	56	12
		60	0.63	220-275△	380-480Y	3.0△/1.7Y	165	-50	50	58	
• FVK330 2H16	单	50	0.7	200-240△	345-415Y	3.8△/2.2Y	140	-100	100	56	13
		60	0.83	220-275△	380-480Y	3.8△/2.2Y	165	-115	100	58	
• FVK320 2H26	双	50	0.85	200-240△	345-415Y	4.2△/2.4Y	110	-200	230	58	17
		60	0.95	220-275△	380-480Y	4.0△/2.3Y	130	-240	240	60	
• FVK320 2H36	双	50	1.3	200-240△	345-415Y	5.7△/3.3Y	110	-280	290	58	18
		60	1.5	220-275△	380-480Y	6.0△/3.5Y	130	-300	400	60	

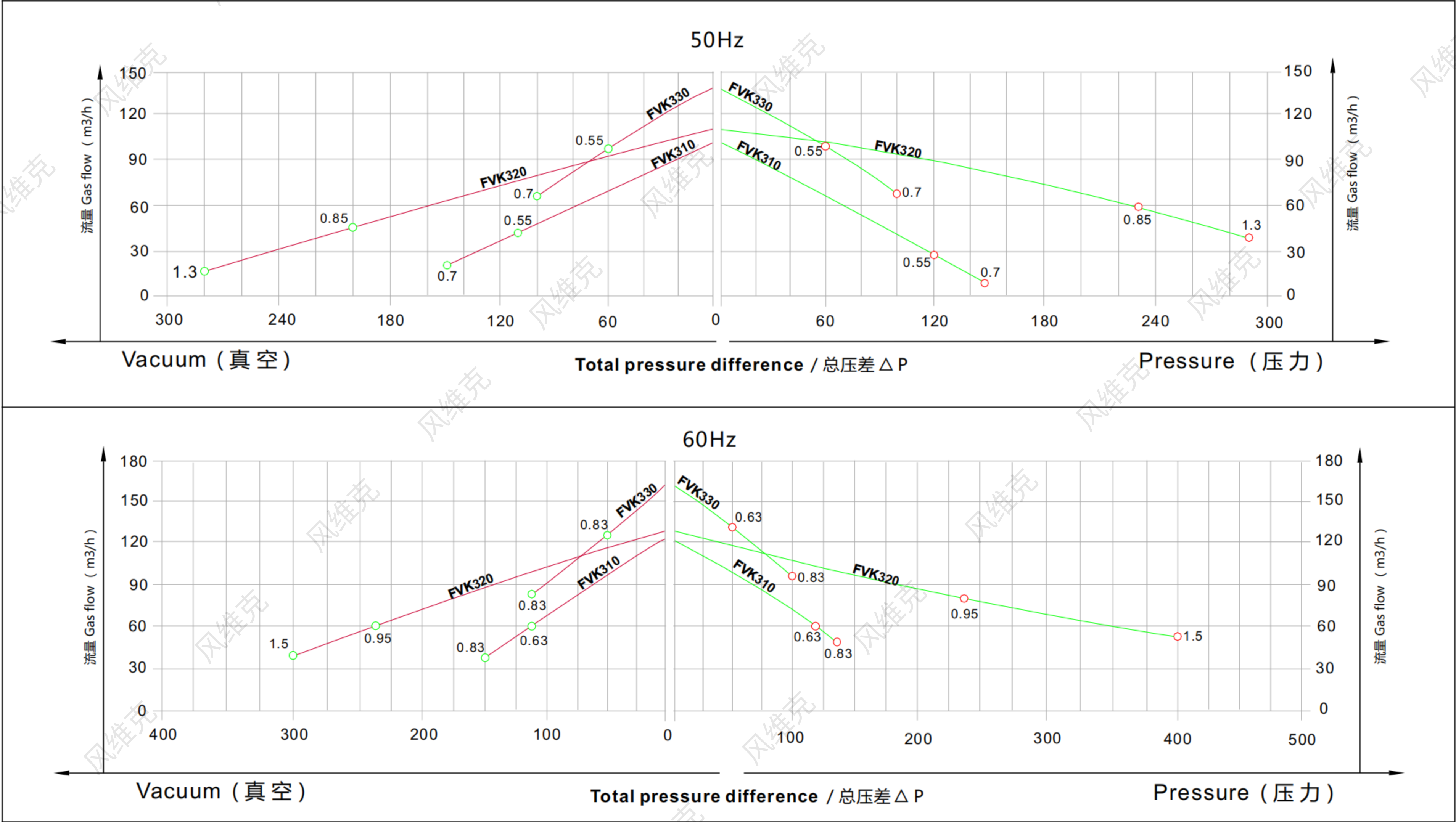
注：0.4-2.2KW可做单相电压

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FVK3 真空压缩选型曲线 3AC

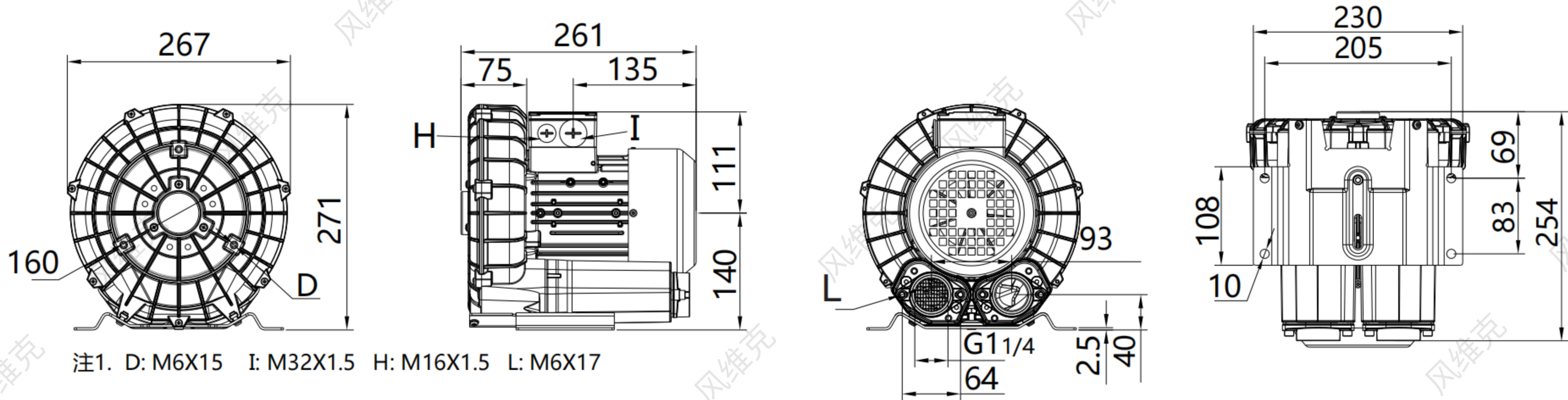
Vacuum compression type curve

下面的性能曲线是在吸抽15°C空气，排气压力1013mbar的工况下测出的，允差±10%,吸入空气和环境温度不超过25°C时，即可达到图示总压差。
the performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.103 mbar of ±10%.the total pressure differences are valid up to an intake and ambient of 25°C.



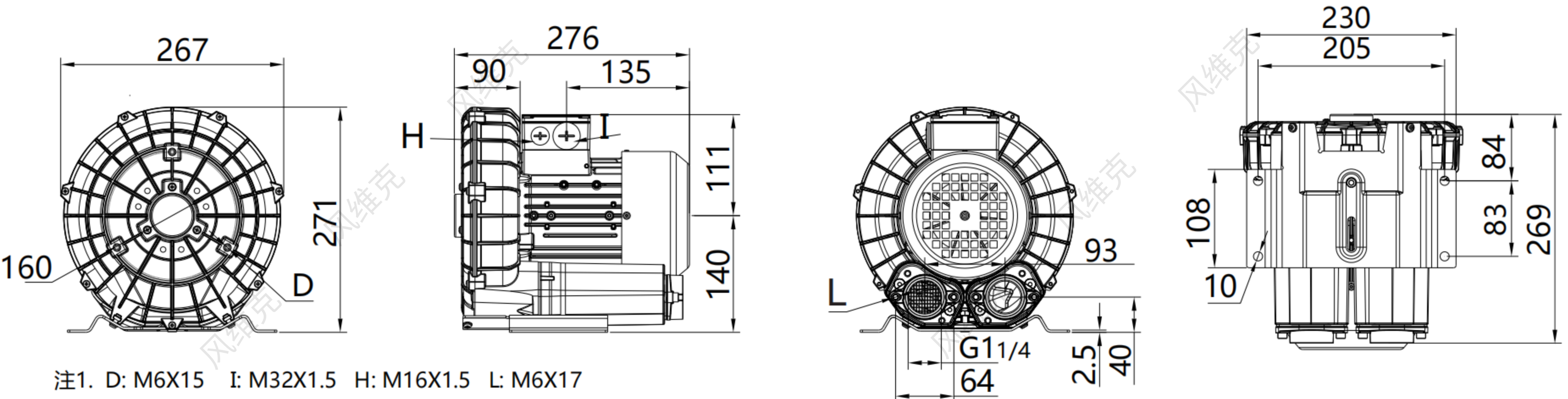
FVK310单级 安装尺寸

FVK310 Single stage mounting dimensions

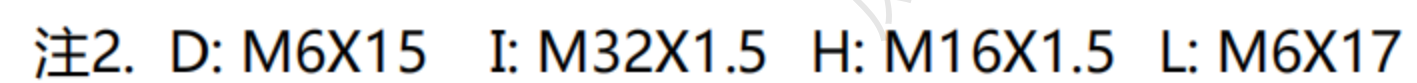


FVK330单级 安装尺寸

FVK330 Single stage mounting dimensions

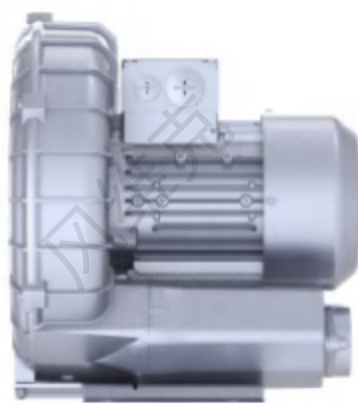


FVK320 Double stage mounting dimensions



FVK4 3AC 气环泵型号及性能参数表（IP55 50/60 Hz）

FVK4 3AC Gas ring pump model and performance parameter table（IP55 50/60HZ）



型号 (FVK4-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音	重量
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress		
	double	HZ	KW	V		A	m3/h	mbar	mbar		
• FVK 410 2H06	单	50	0.7	200-240△	345-415Y	3.8△/2.2Y	145	-120	120	63	15
		60	0.83	220-275△	380-480Y	3.75△/2.15Y	175	-140	140	64	
• FVK 410 2H16	单	50	0.85	200-240△	345-415Y	4.0△/2.3Y	145	-160	160	63	17
		60	0.95	220-275△	380-480Y	3.85△/2.25Y	175	-160	160	64	
• FVK 410 2H26	单	50	1.3	200-240△	345-415Y	5.7△/3.3Y	145	-170	200	63	18
		60	1.5	220-275△	380-480Y	6.0△/3.5Y	175	-210	220	64	
• FVK 430 2H06	单	50	0.7	200-240△	345-415Y	3.8△/2.2Y	180	-70	70	64	14
		60	0.83	220-275△	380-480Y	3.8△/2.2Y	210	-50	50	65	
• FVK 430 2H16	单	50	0.85	200-240△	345-415Y	4.2△/2.4Y	180	-110	100	64	17
		60	0.95	220-275△	380-480Y	4.0△/2.3Y	210	-90	70	65	
• FVK 430 2H26	单	50	1.3	200-240△	345-415Y	6.6△/3.8Y	180	-180	180	64	18
		60	1.5	220-275△	380-480Y	6.9△/4.0Y	210	-180	170	65	
• FVK 490 2H06	单	50	0.7	200-240△	345-415Y	2.5△/1.4Y	140	-120	120	63	14
		60	0.83	220-275△	380-480Y	2.7△/1.6Y	175	-140	140	64	
• FVK 420 2H36	双	50	1.6	200-240△	345-415Y	7.5△/4.3Y	150	-280	280	66	25
		60	2.05	220-275△	380-480Y	7.6△/4.4Y	180	-320	310	69	
• FVK 420 2H46	双	50	2.2	200-240△	345-415Y	9.7△/5.6Y	150	-330	420	66	27
		60	2.55	220-275△	380-480Y	10△/5.8Y	180	-350	440	69	

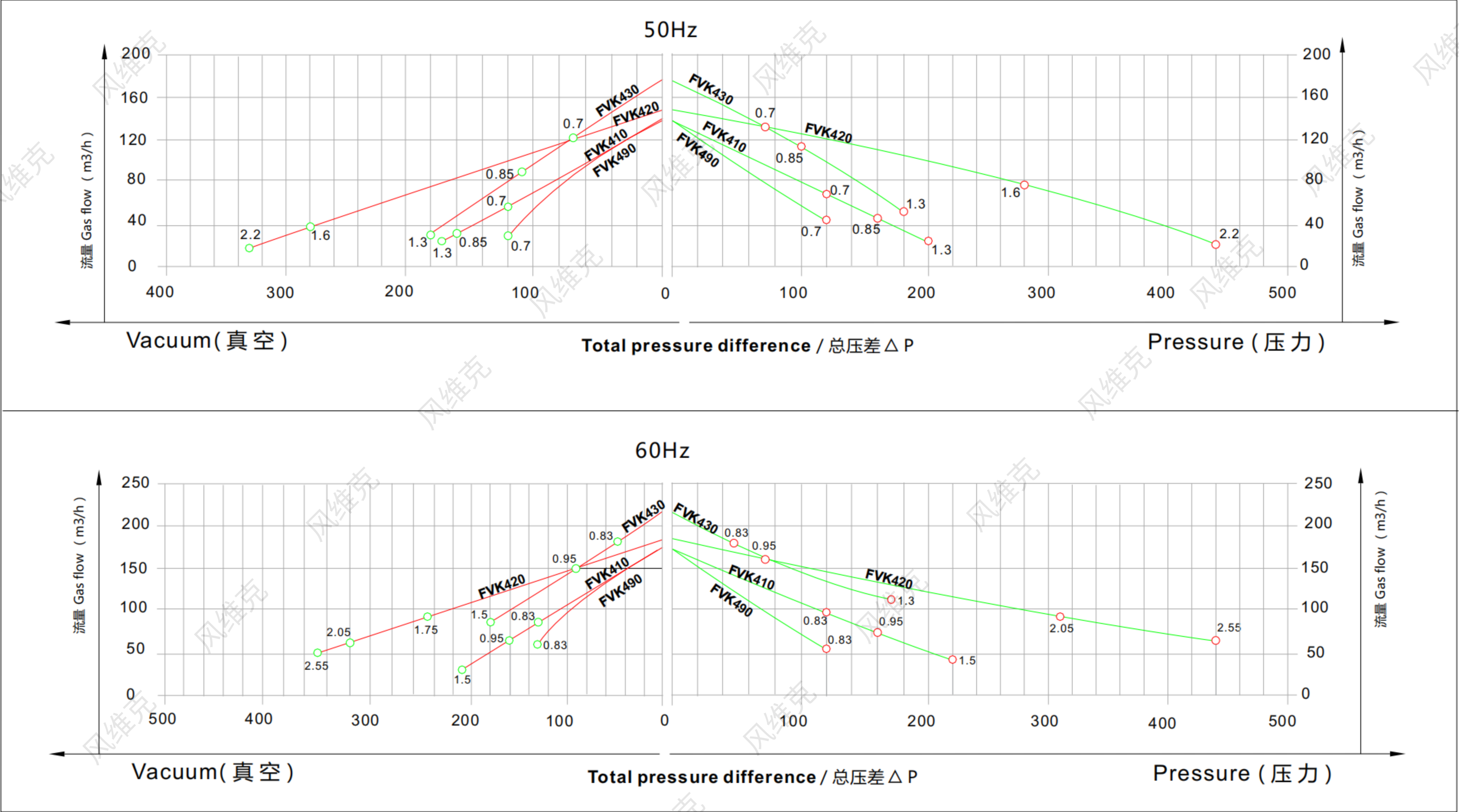
注：0.4-2.2KW可做单相电压



FVK4 真空压缩选型曲线 3AC

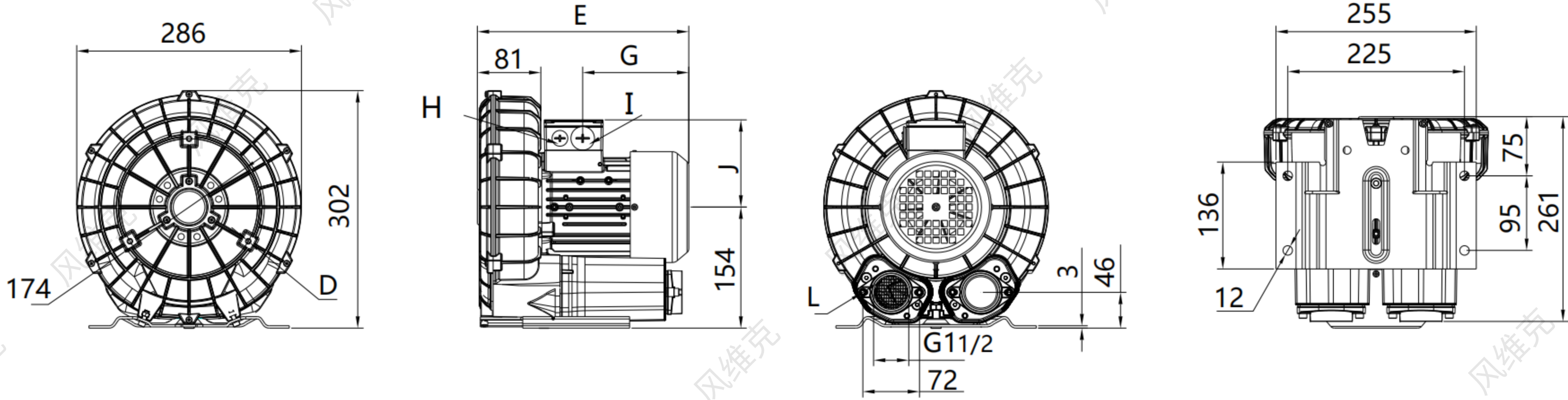
Vacuum compression type curve

下面的性能曲线是在吸抽15°C空气，排气压力1013mbar的工况下测出的，允差±10%,吸入空气和环境温度不超过25°C时，即可达到图示总压差。
the performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.103 mbar of ±10%.the total pressure differences are valid up to an intake and ambient of 25°C.



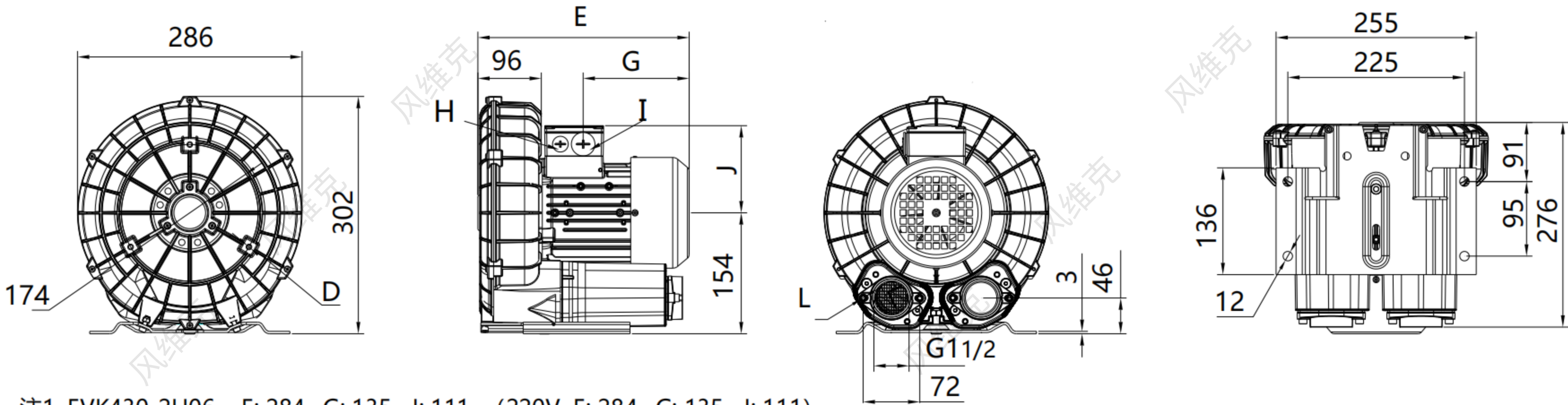
FVK410/430单级 安装尺寸

FVK410/430 Single stage mounting dimensions



注1. FVK410-2H06 E: 269 G: 135 J: 111 (220V E: 269 G: 135 J: 111)
FVK410-2H16 E: 294 G: 159 J: 120 (220V E: 294 G: 159 J: 120)
FVK410-2H26 E: 294 G: 159 J: 120 (220V E: 294 G: 159 J: 120)

注2. D: M6X15 I: M32X1.5 H: M16X1.5 L: M6X17



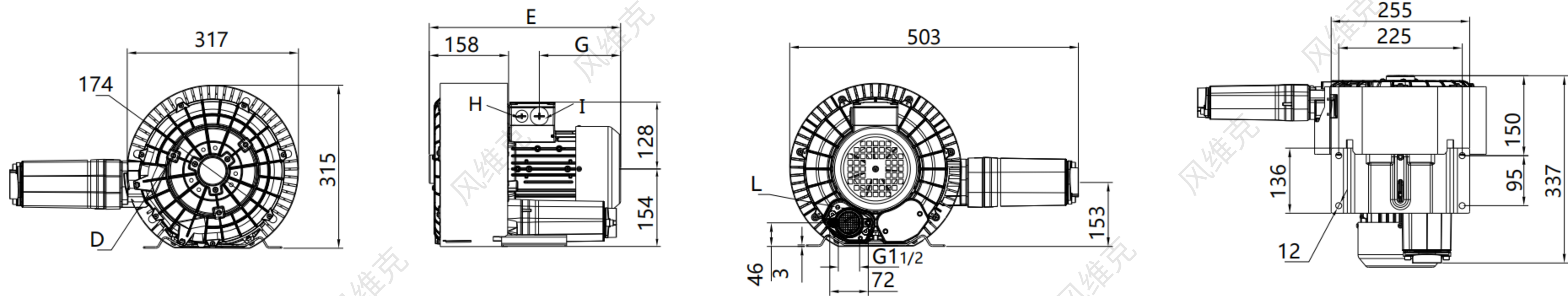
注1. FVK430-2H06 E: 284 G: 135 J: 111 (220V E: 284 G: 135 J: 111)
FVK430-2H16 E: 309 G: 159 J: 120 (220V E: 309 G: 159 J: 120)
FVK430-2H26 E: 309 G: 159 J: 120 (220V E: 309 G: 159 J: 120)

注2. D: M6X15 I: M32X1.5 H: M16X1.5 L: M6X17

风维克®
Wind Vic

FVK420双级 安装尺寸

FVK420双级 Double stage mounting dimensions



注1. FVK420-2H36 E: 401 G: 191 (220V E: 428 G: 217)
FVK420-2H46 E: 401 G: 191 (220V E: 428 G: 217) 注2. D: M6X15 I: M32X1.5 H: M16X1.5 L: M6X17

FVK 5 3AC 气环泵型号及性能参数表（IP55 50/60 Hz）

FVK 5 3AC Gas ring pump model and performance parameter table（IP55 50/60HZ

型号 (FVK5-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音	重量
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated		
	double	HZ	KW	V		A	m3/h	mbar	mbar		
• FVK 510 2H06	单	50	0.85	200-240△	345-415Y	4.2△/2.3Y	210	-110	100	64	20
		60	0.95	220-275△	380-480Y	4.0△/2.3Y	255	-80	70	70	
• FVK 510 2H16	单	50	1.3	200-240△	345-415Y	6.6△/3.8Y	210	-170	170	64	22
		60	1.5	220-275△	380-480Y	6.9△/4.0Y	255	-150	140	70	
• FVK 510 2H26	单	50	1.6	200-240△	345-415Y	7.5△/4.3Y	210	-200	190	64	23
		60	2.05	220-275△	380-480Y	7.6△/4.4Y	255	-220	210	70	
• FVK 510 2H36	单	50	2.2	200-240△	345-415Y	9.7△/5.6Y	210	-220	270	64	26
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	255	-260	290	70	
• FVK 530 2H06	单	50	0.85	200-240△	345-415Y	4.0△/2.3Y	270	-40	40	65	21
		60	0.95	220-275△	380-480Y	4.2△/2.4Y	330	-40	40	70	
• FVK 530 2H16	单	50	1.3	200-240△	345-415Y	6.6△/3.8Y	270	-120	110	65	23
		60	1.5	220-275△	380-480Y	6.9△/4.0Y	330	-90	80	70	
• FVK 530 2H26	单	50	1.6	200-240△	345-415Y	7.5△/4.3Y	270	-160	150	65	24
		60	2.05	220-275△	380-480Y	7.6△/4.4Y	330	-160	150	70	
• FVK 530 2H36	单	50	2.2	200-240△	345-415Y	9.7△/5.6Y	270	-220	230	65	26
		60	2.55	220-275△	380-480Y	10.3△/6Y	330	-260	250	71	
• FVK 520 2H36	双	50	2.2	200-240△	345-415Y	9.7△/5.6Y	230	-290	360	72	35
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	275	-350	330	74	
• FVK 520 2H46	双	50	3	200-240△	345-415Y	12.5△/7.2Y	230	-340	410	72	40
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	275	-380	360	74	
• FVK 520 2H57	双	50	4	345-415△	600-720Y	10△/5.8Y	230	-390	490	72	41
		60	4.6	380-480△	660-720Y	9.9△/5.71Y	275	-410	480	74	

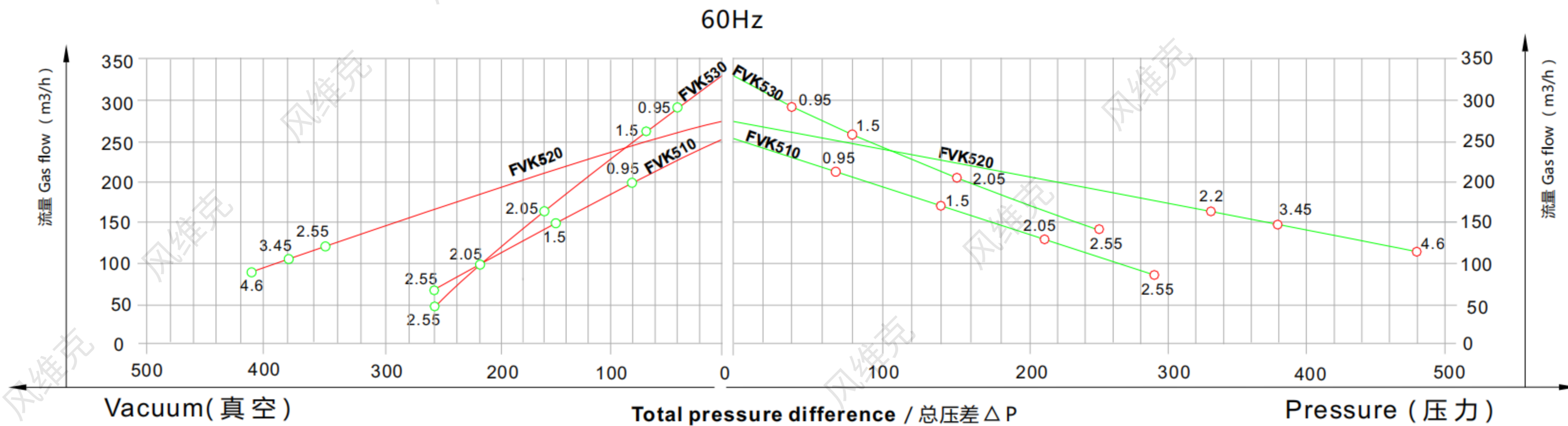
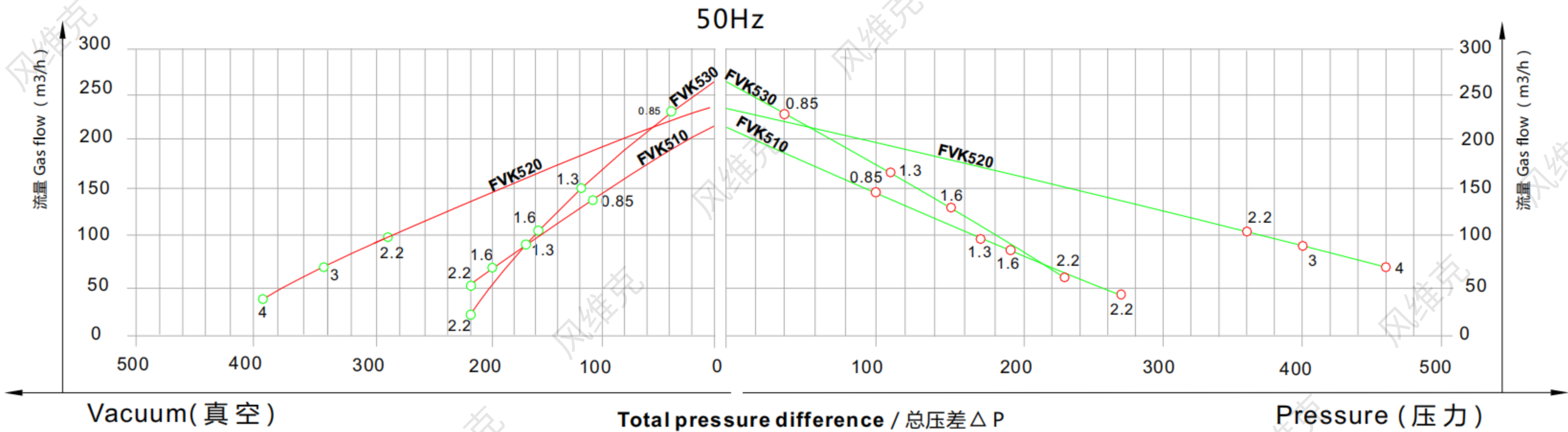
注：0.4-2.2KW可做单相电压



FVK5 真空压缩选型曲线 3AC

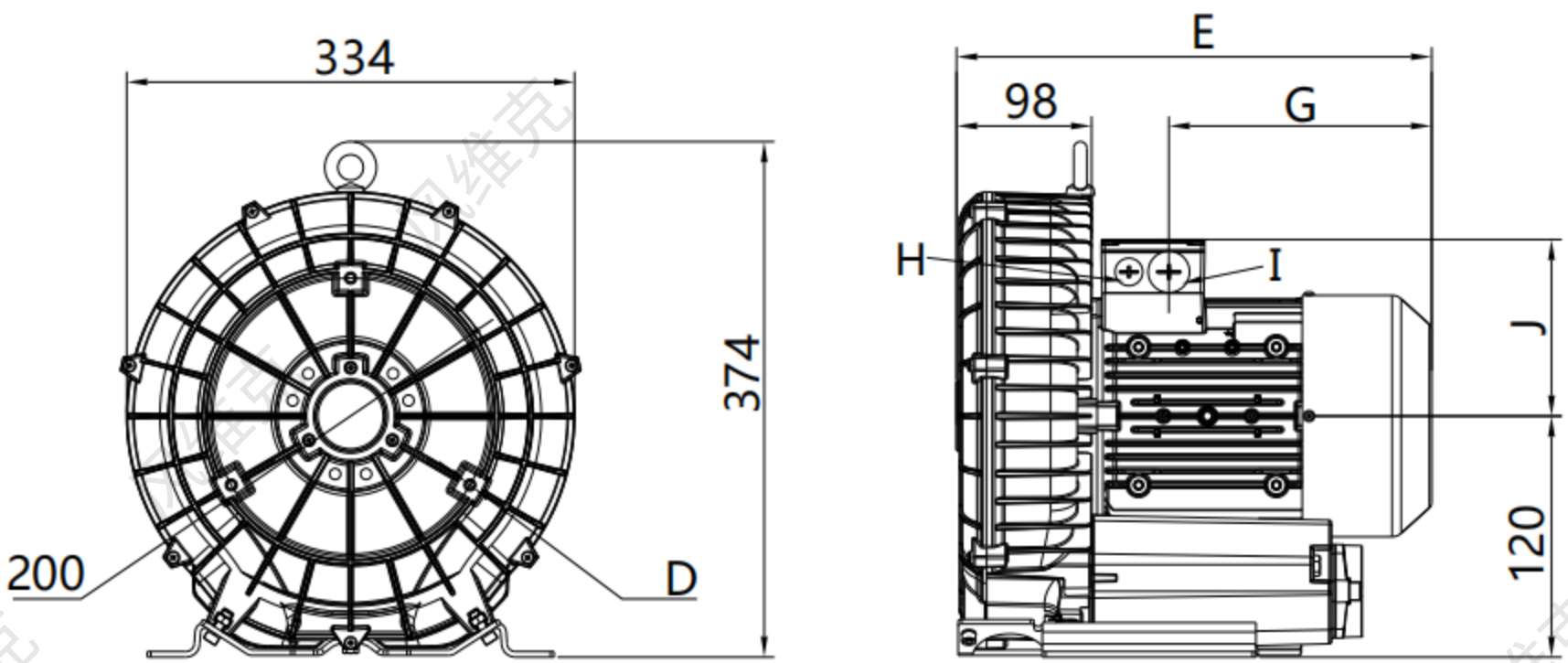
Vacuum compression type curve

下面的性能曲线是在吸抽15℃空气，排气压力1013mbar的工况下测出的，允差±10%,吸入空气和环境温度不超过25℃时，即可达到图示总压差。
the performance curves are valid for pumping air at 15℃ at the inlet flanges with an air pressure of 1.103 mbar of ±10%.the total pressure differences are valid up to an intake and ambient of 25℃.

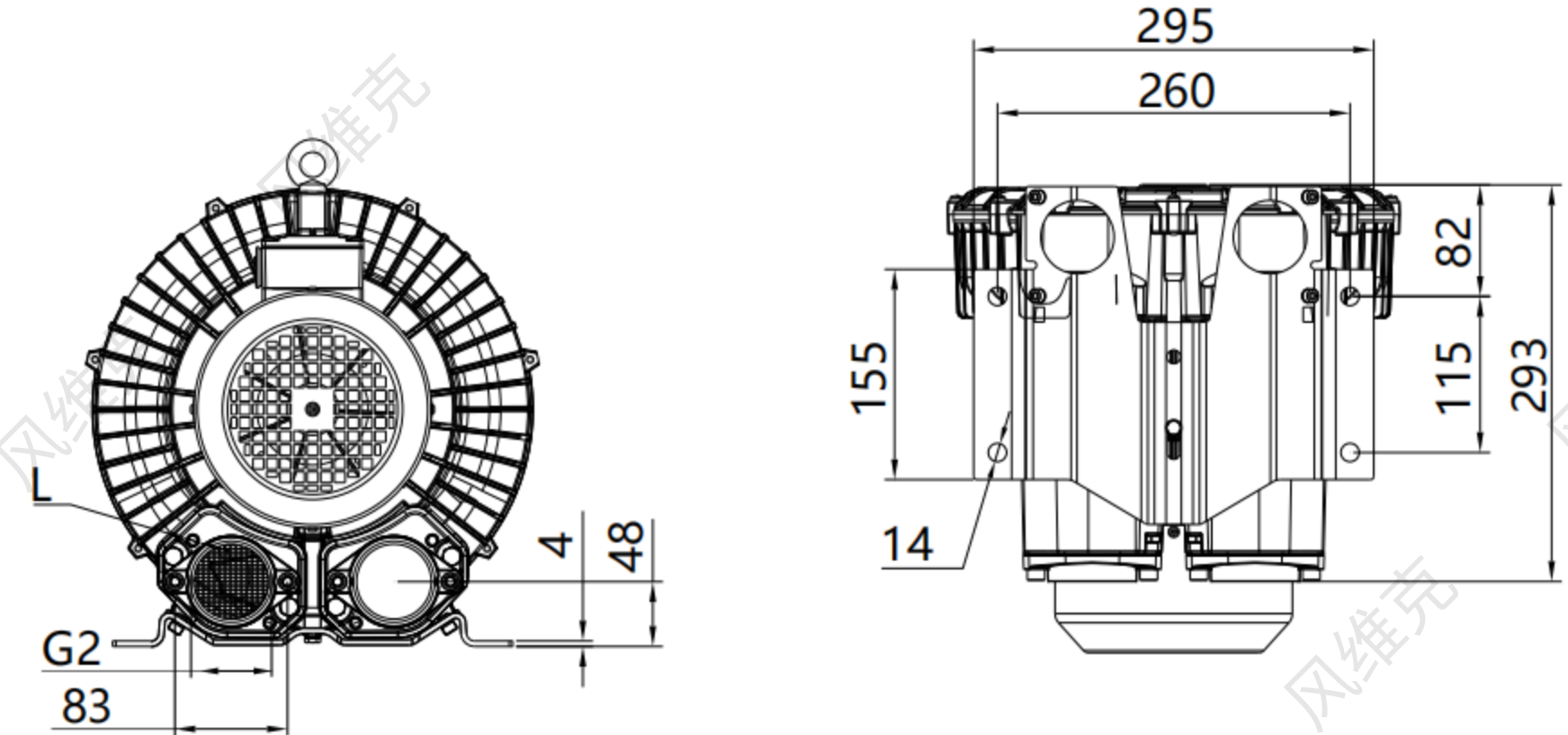


FVK510/530单级 安装

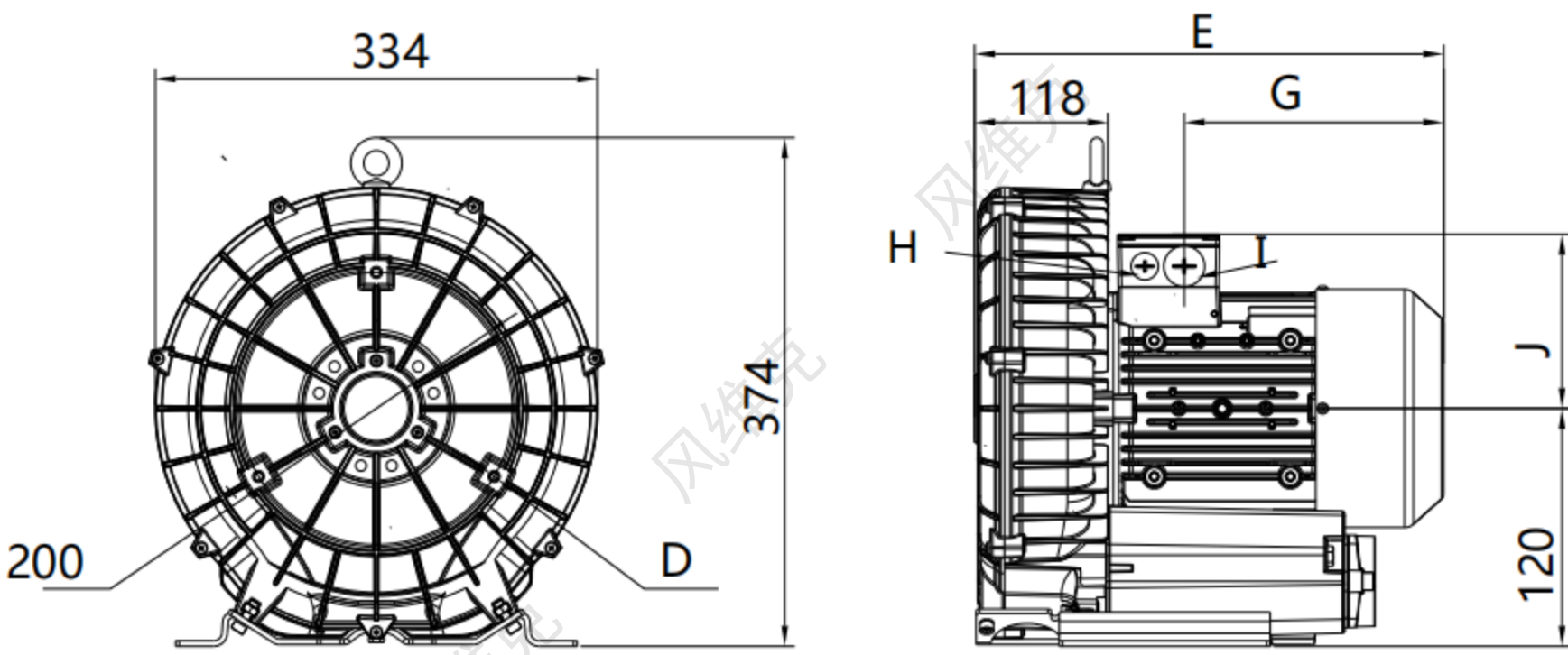
FVK510/530 Single stage mounting dimensions



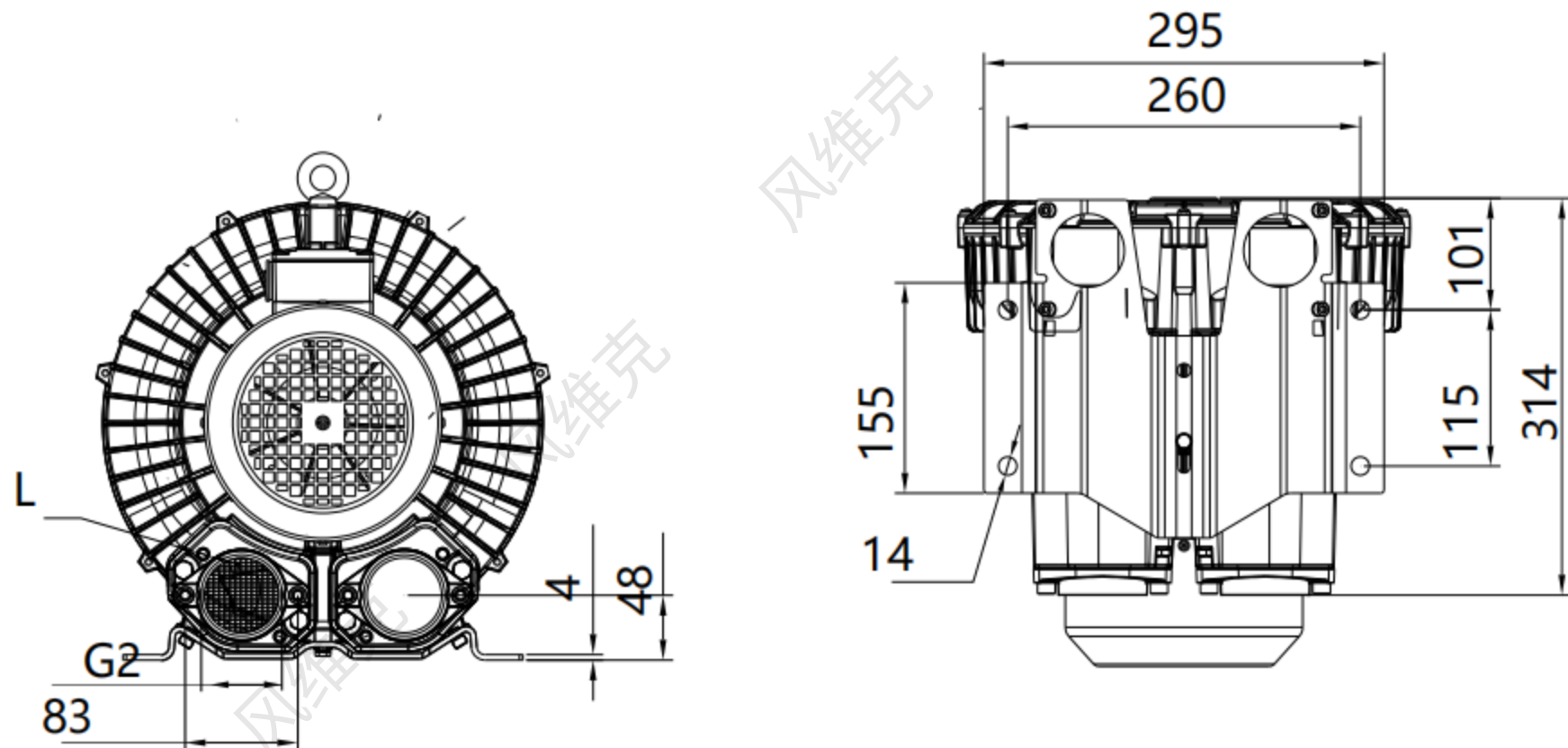
注1. FVK510-2H06 E: 313 G: 159 J:120 (220V E: 313 G: 159 J:120)
FVK510-2H16 E: 313 G: 159 J:120 (220V E: 371 G: 217 J:128)
FVK510-2H26 E: 345 G: 191 J:128 (220V E: 371 G: 217 J:128)
FVK510-2H36 E: 345 G: 191 J:128 (220V E: 371 G: 217 J:128)



注2. D: M8X20 I: M25X1.5 H: M16X1.5 L: M8X17



注1. FVK530-2H06 E: 334 G: 159 J:120 (220V E: 334 G: 159 J:120)
FVK530-2H16 E: 334 G: 159 J:120 (220V E: 392 G: 217 J:128)
FVK530-2H26 E: 366 G: 191 J:128 (220V E: 392 G: 217 J:128)
FVK530-2H36 E: 366 G: 191 J:128 (220V E: 392 G: 217 J:128)

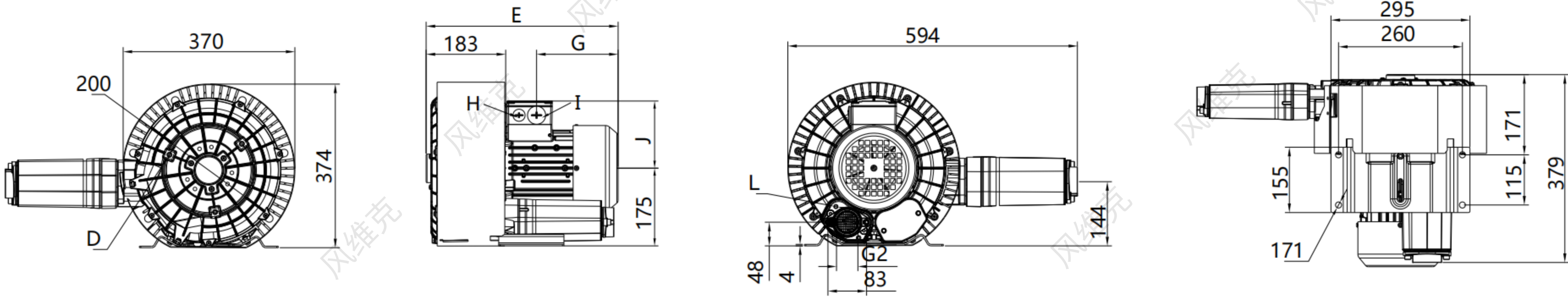


注2. D: M8X20 I: M25X1.5 H: M16X1.5 L: M8X17

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FVK520双级 安装尺寸

FVK520 Double stage mounting dimensions

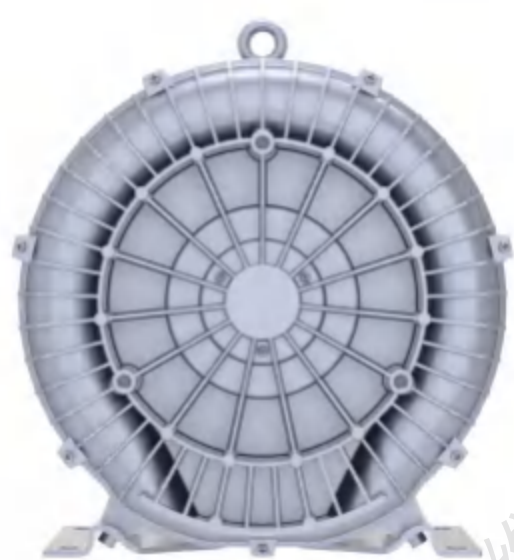


注1. FVK520-2H36 E: 430 G: 190 J:128 (220V E: 457 G: 217 J:135)
FVK520-2H46 E: 462 G: 188 J:135
FVK520-2H57 E: 499 G: 225 J:135

注2. D: M8X20 I: M25X1.5 H: M16X1.5 L: M8X17

FVK6 3AC 气环泵型号及性能参数表（IP55 50/60 Hz）

FVK6 3AC Gas ring pump model and performance parameter table（IP55 50/60HZ）



型号 (FVK6-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音	重量
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated	noises	Weight
	double	HZ	KW	V		A	m3/h	mbar	mbar	dB(A)	Kg
• FVK 610 2H06	单	50	1.6	200-240△	345-415Y	8.5△/4.9Y	265	-170	180	67	24
		60	2.05	220-275△	380-480Y	8.8△/5.5Y	315	-180	190	70	
• FVK 610 2H16	单	50	2.2	200-240△	345-415Y	9.7△/5.6Y	265	-235	220	67	27
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	315	-245	230	70	
• FVK 610 2H26	单	50	3	200-240△	345-415Y	12.5△/7.2Y	270	-280	280	69	32
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	315	-260	270	78	
• FVK 630 2H06	单	50	1.6	200-240△	345-415Y	8.5△/4.9Y	345	-125	125	70	26
		60	2.05	220-275△	380-480Y	8.8△/5.1Y	415	-105	130	73	
• FVK 630 2H16	单	50	2.2	200-240△	345-415Y	9.7△/5.6Y	345	-200	195	70	29
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	415	-170	195	73	
• FVK 630 2H26	单	50	3	200-240△	345-415Y	12.5△/7.2Y	345	-240	220	70	35
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	415	-210	220	73	

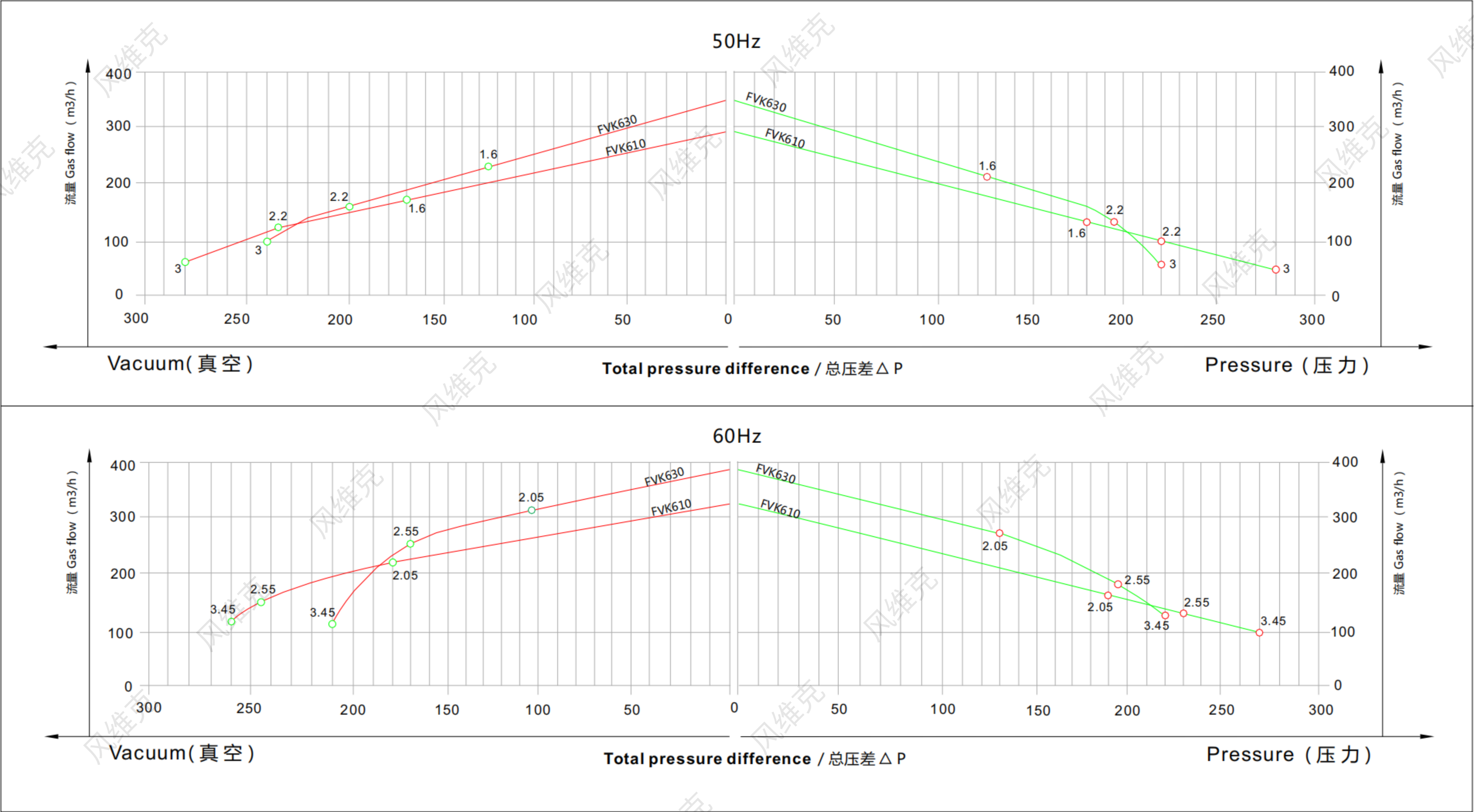
注：0.4-2.2KW可做单相电压



FVK6 真空压缩选型曲线 3AC

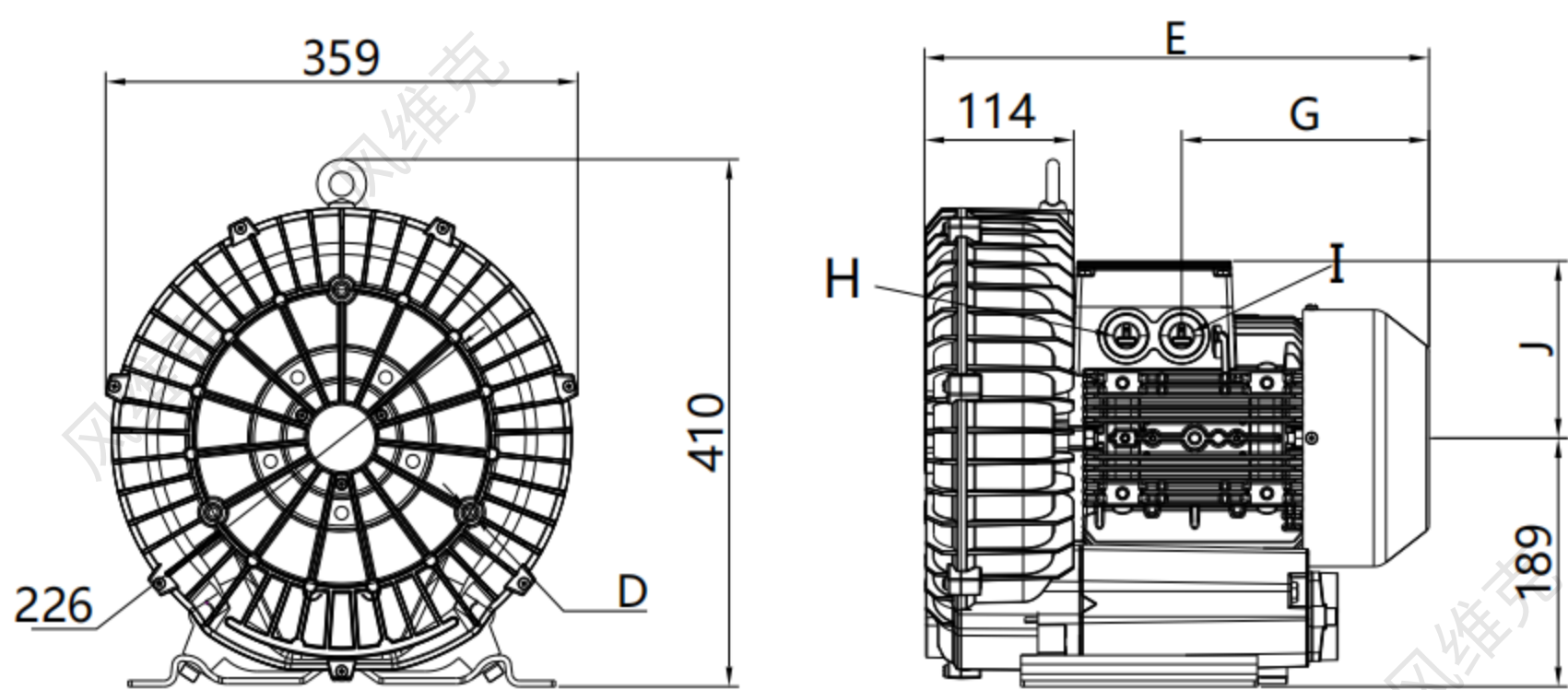
Vacuum compression type curve

下面的性能曲线是在吸抽15℃空气，排气压力1013mbar的工况下测出的，允差±10%,吸入空气和环境温度不超过25℃时，即可达到图示总压差。
the performance curves are valid for pumping air at 15℃ at the inlet flanges with an air pressure of 1.103 mbar of ±10%.the total pressure differences are valid up to an intake and ambient of 25℃.

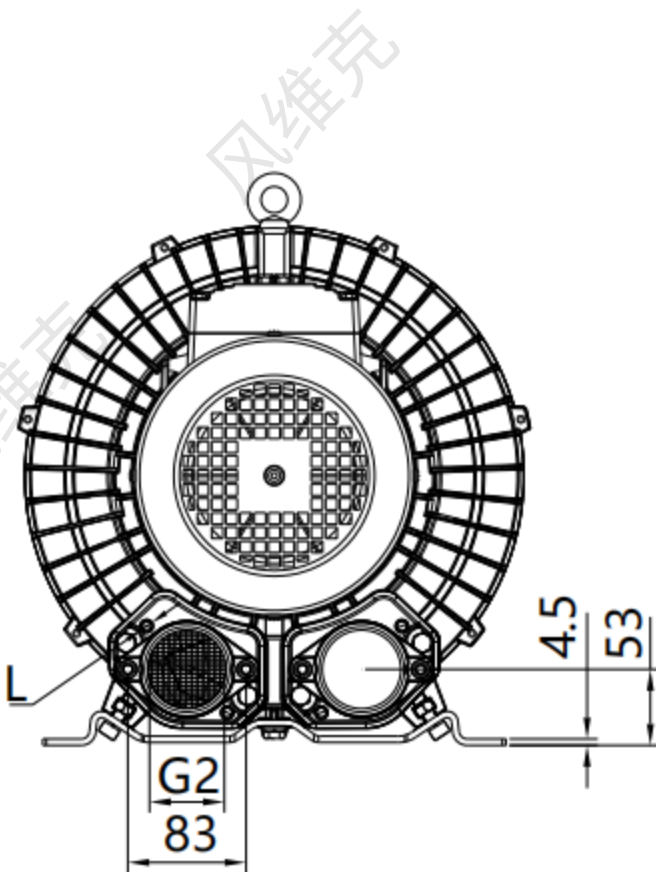


FVK610/630单级 安装

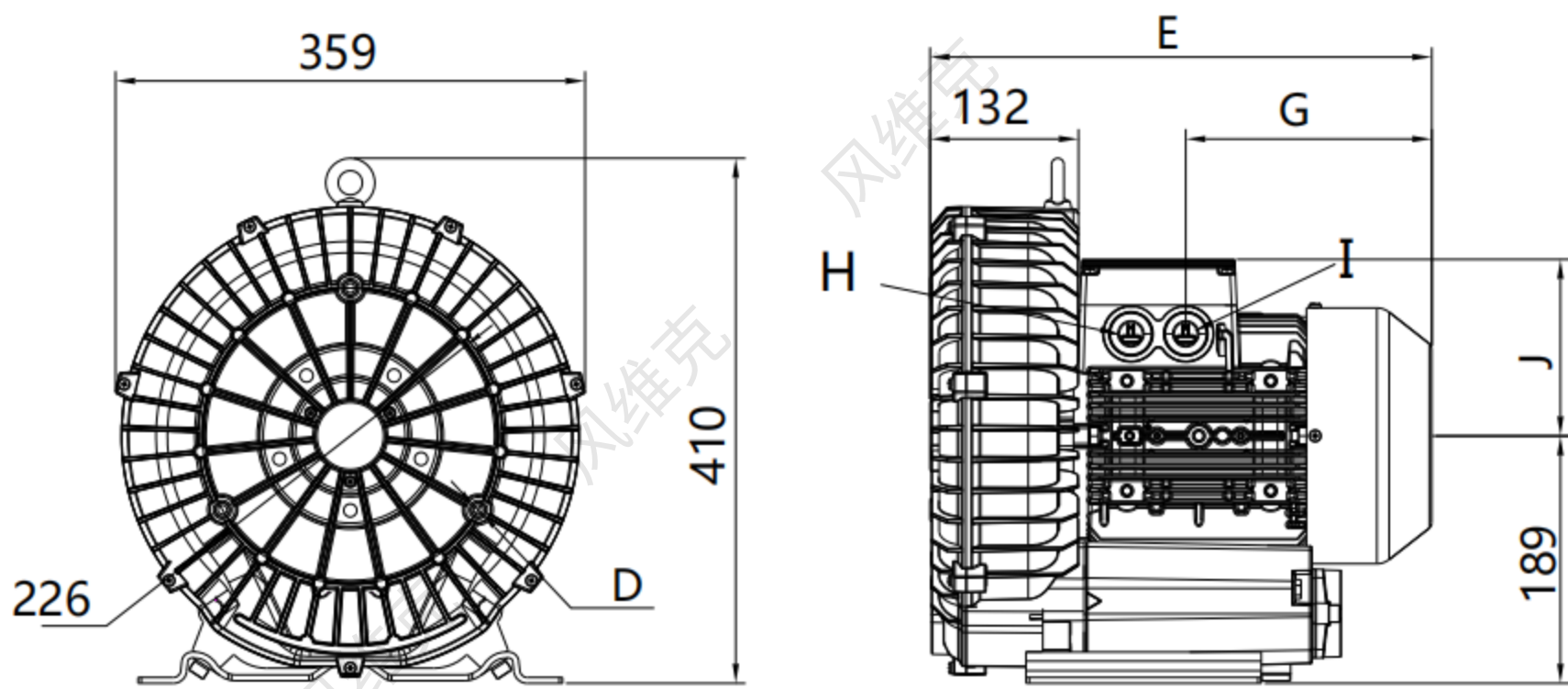
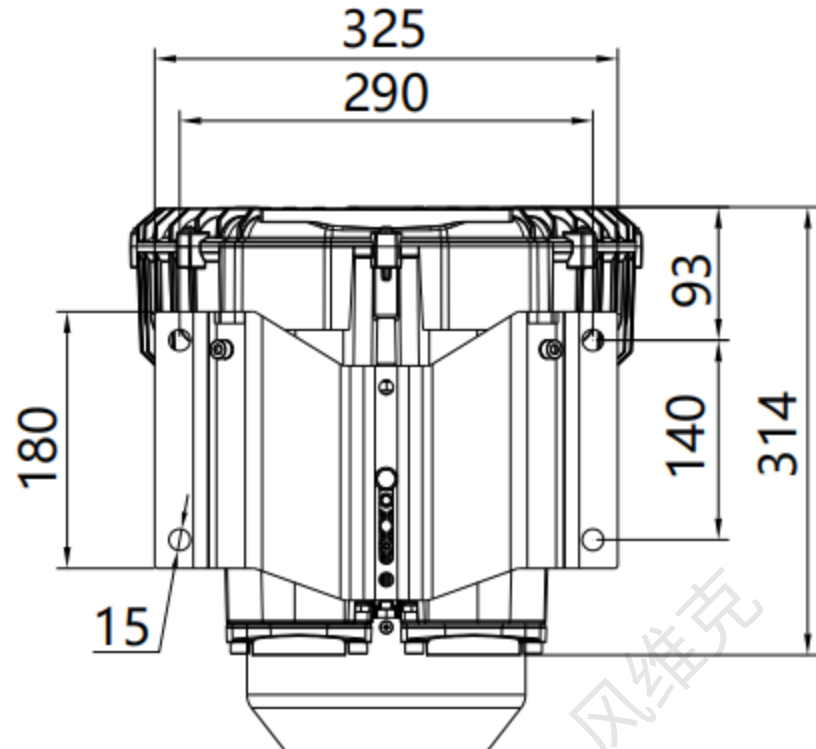
FVK610/630 Single stage mounting dimensions



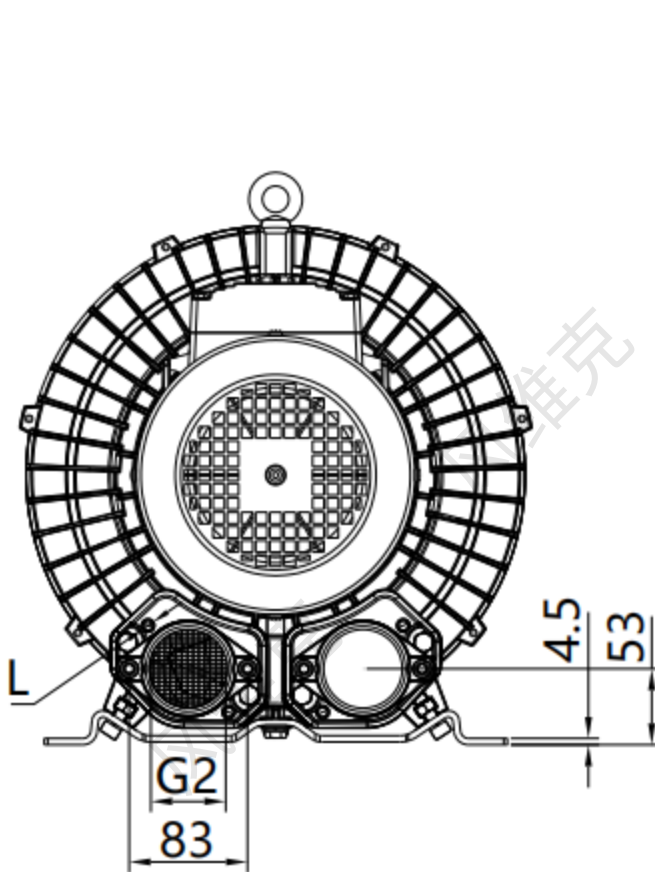
注1. FVK610-2H06 E: 353 G: 190 J:128 (220V E: 380 G: 217 J:128)
FVK610-2H16 E: 353 G: 190 J:128 (220V E: 380 G: 217 J:128)
FVK610-2H26 E: 384 G: 188 J:135



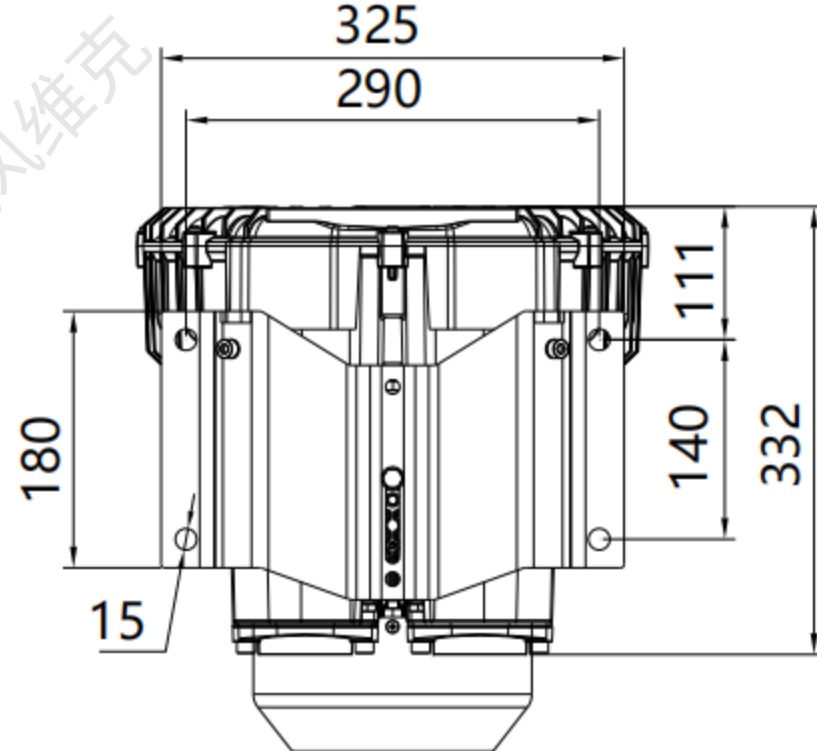
注2. D: M8X20 I: M25X1.5 H: M16X1.5 L: M8X17



注1. FVK630-2H06 E: 372 G: 190 J:128 (220V E: 399 G: 217 J:128)
FVK630-2H16 E: 372 G: 190 J:128 (220V E: 399 G: 217 J:128)
FVK630-2H26 E: 402 G: 188 J:135



注2. D: M8X20 I: M25X1.5 H: M16X1.5 L: M8X17





FVK7 3AC 气环泵型号及性能参数表（IP55 50/60 Hz）

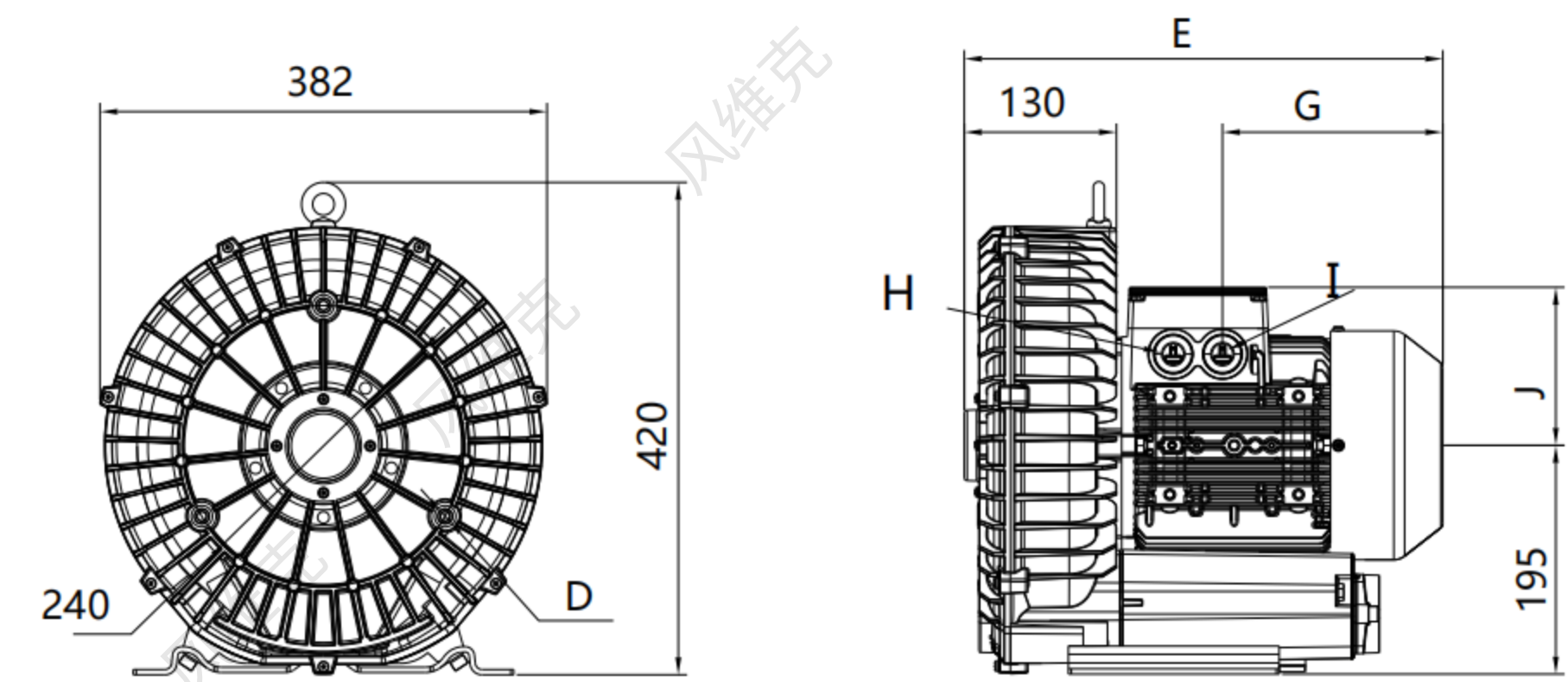
FVK7 3AC Gas ring pump model and performance parameter table（IP55 50/60HZ）

型号 (FVK-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音	重量
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress		
	double	HZ	KW	V		A	m3/h	mbar	mbar		
• FVK 710 2H16	单	50	2.2	200-240△	345-415Y	9.7△/5.6Y	318	-190	190	69	31
		60	2.55	220-275△	380-480Y	10.3△/6.0Y	376	-190	190	72	
• FVK 710 2H26	单	50	3	200-240△	345-415Y	12.5△/7.2Y	318	-260	270	69	36
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	376	-240	230	72	
• FVK 710 2H37	单	50	4	345-415△	600-720Y	9.0△/5.2Y	318	-290	360	69	40
		60	4.6	380-480△	660-720Y	9.0△/5.5Y	376	-320	310	72	
• FVK 710 2H47	单	50	4.3	345-415△	600-720Y	9.5△/5.5Y	318	-295	335	69	43
		60	4.8	380-480△	660-720Y	9.5△/5.5Y	376	-335	335	72	
• FVK 720 2H26	双	50	3	200-240△	345-415Y	12.5△/7.2Y	320	-280	260	73	49
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	380	-230	200	76	
• FVK 720 2H27	双	50	4	345-415△	600-720Y	9.0△/5.2Y	320	-335	375	73	53
		60	4.6	380-480△	660-720Y	9.4△/5.2Y	380	-345	315	76	
• FVK 720 2H37	双	50	4.3	345-415△	600-720Y	10△/5.2Y	320	-360	380	73	56
		60	4.8	380-480△	660-720Y	10.4△/6Y	380	-350	320	76	
• FVK 720 2H47	双	50	5.5	345-415△	600-720Y	13.3△/7.7Y	320	-440	500	73	70
		60	6.3	380-480△	660-720Y	13.3△/7.7Y	380	-440	500	76	
• FVK 720 2H57	双	50	7.5	345-415△	600-720Y	16.7△/9.6Y	320	-440	570	73	74
		60	8.6	380-480△	660-720Y	17.3△/10Y	280	-460	660	76	
• FVK 730 2H16	单	50	2.2	200-240△	345-415Y	8.8△/5.1Y	420	-180	170	70	32
		60	2.55	220-275△	380-480Y	9.7△/5.6Y	500	-160	150	73	
• FVK 730 2H26	单	50	3	200-240△	345-415Y	12.5△/7.2Y	420	-220	200	70	37
		60	3.45	220-275△	380-480Y	12.6△/7.3Y	500	-200	170	73	
• FVK 730 2H37	单	50	4	345-415△	600-720Y	9.0△/5.2Y	420	-260	280	70	43
		60	4.6	380-480△	660-720Y	9.0△/5.2Y	500	-260	260	73	
• FVK 730 2H47	单	50	4.3	345-415△	600-720Y	9.5△/5.5Y	420	-260	280	70	44
		60	4.8	380-480△	660-720Y	9.5△/5.5Y	500	-260	260	73	
• FVK 740 2H37	双	50	4.3	345-415△	600-720Y	9.0△/5.2Y	500	-150	140	74	54
		60	4.8	380-480△	660-720Y	9.0△/5.2Y	600	-100	90	78	
• FVK 740 2H47	双	50	5.5	345-415△	600-720Y	13.3△/7.7Y	500	-240	260	74	69
		60	6.3	380-480△	660-720Y	13.3△/7.7Y	600	-210	200	78	
• FVK 740 2H57	双	50	7.5	345-415△	600-720Y	16.7△/9.6Y	500	-240	320	74	75
		60	8.6	380-480△	660-720Y	17.3△/10Y	600	-270	300	78	

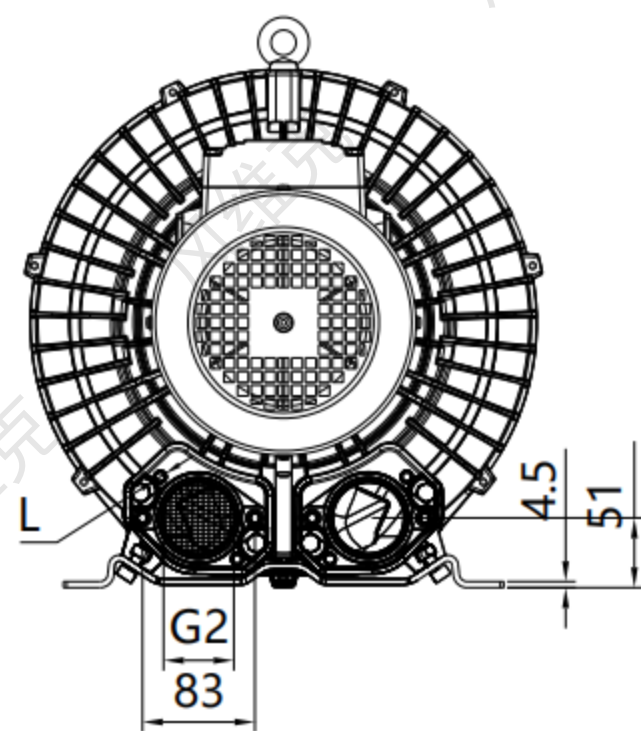
注：0.4-2.2KW可做单相电压

FVK710单级 安装

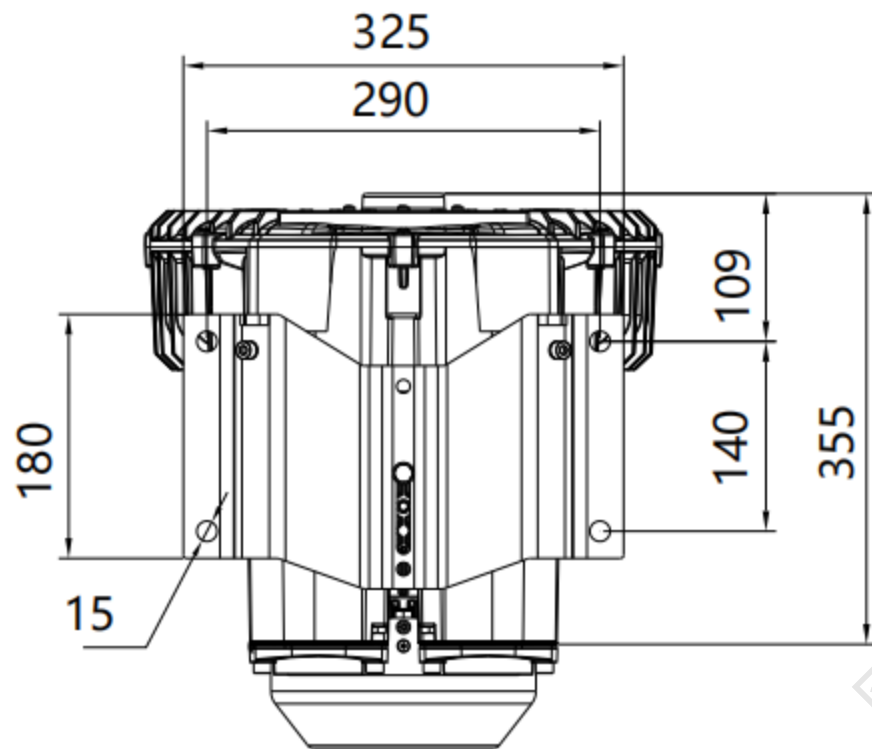
FVK710 Single stage mounting dimensions



注1. FVK710-2H16 E: 377 G: 190 J:128 (220V E: 404 G: 217 J:128)
FVK710-2H26 E: 409 G: 188 J:135
FVK710-2H37 E: 446 G: 225 J:135

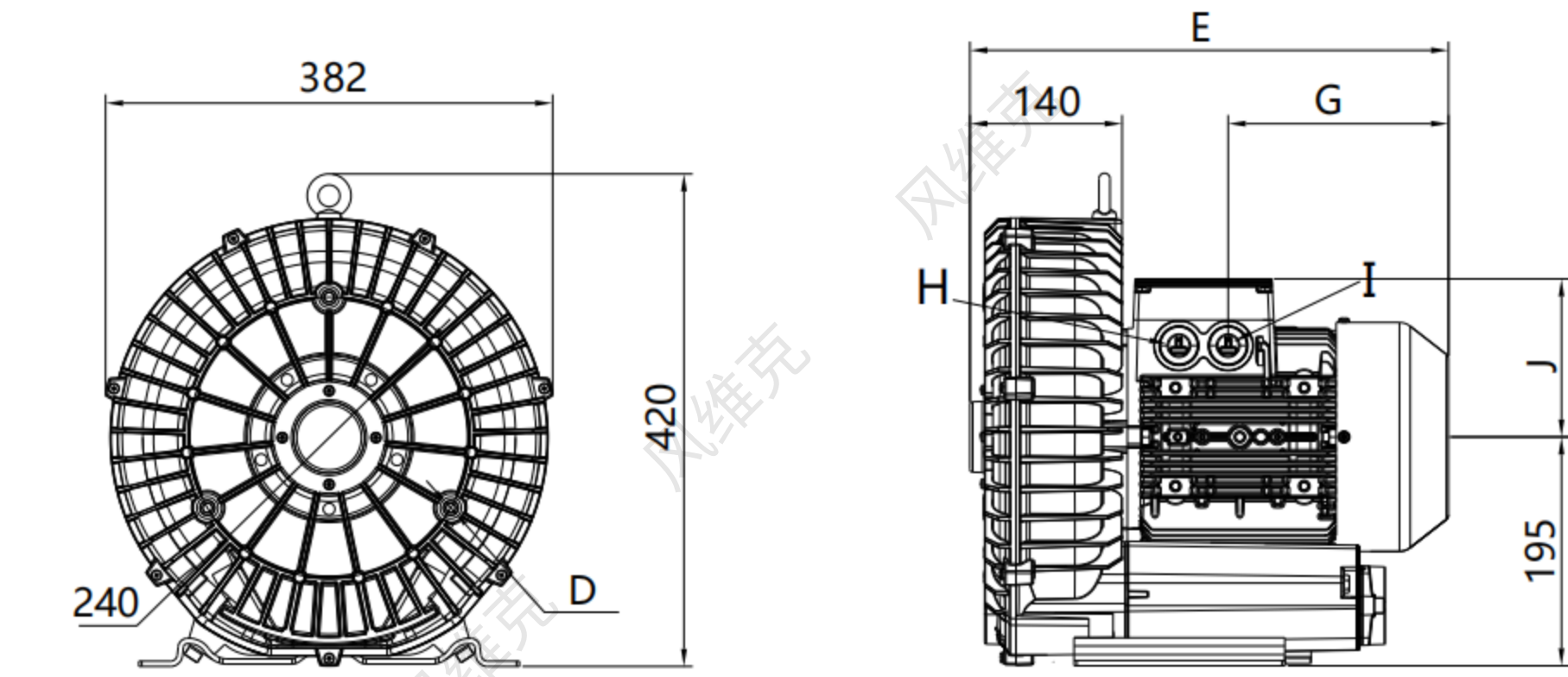


注2. D: M10X20 I: M32X1.5 H: M32X1.5 L: M8X17

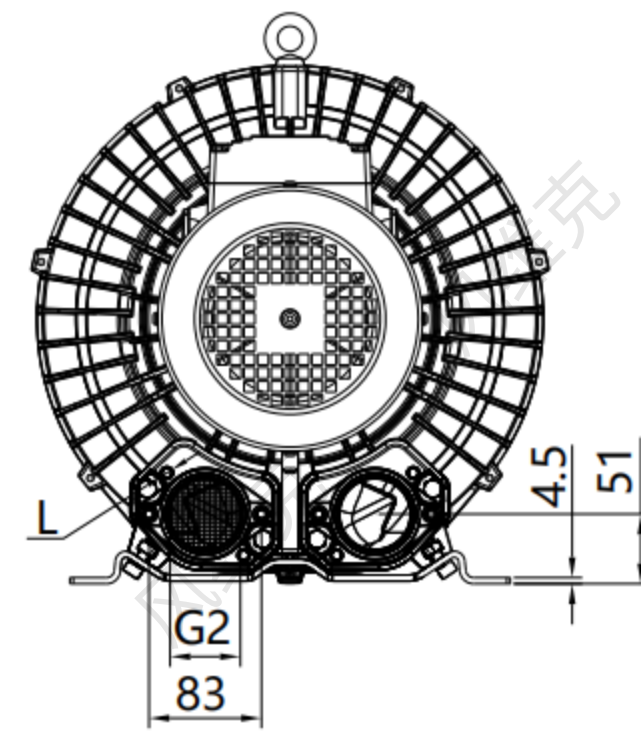


FVK730单级 安装

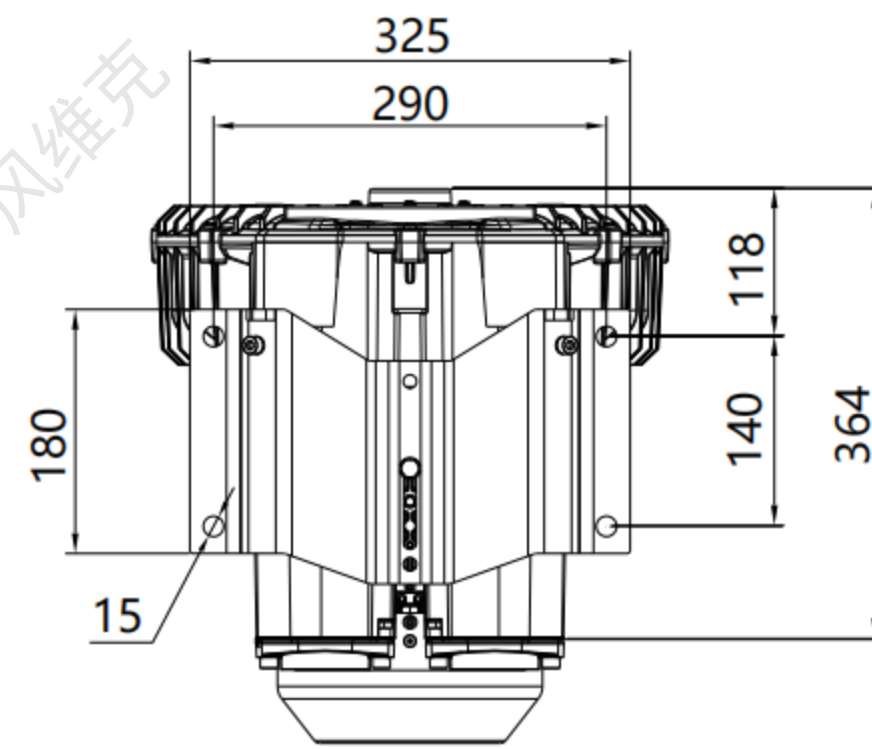
FVK730 Single stage mounting dimensions



注1. FVK730-2H16 E: 387 G: 190 J:128 (220V E: 414 G: 217 J:128)
FVK730-2H26 E: 418 G: 188 J:135
FVK730-2H37 E: 455 G: 225 J:135

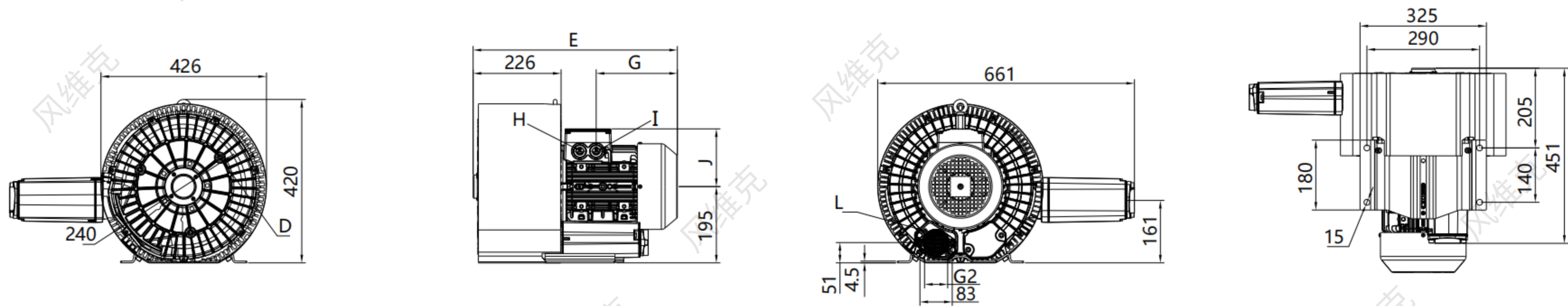


注2. D: M10X20 I: M32X1.5 H: M32X1.5 L: M8X17



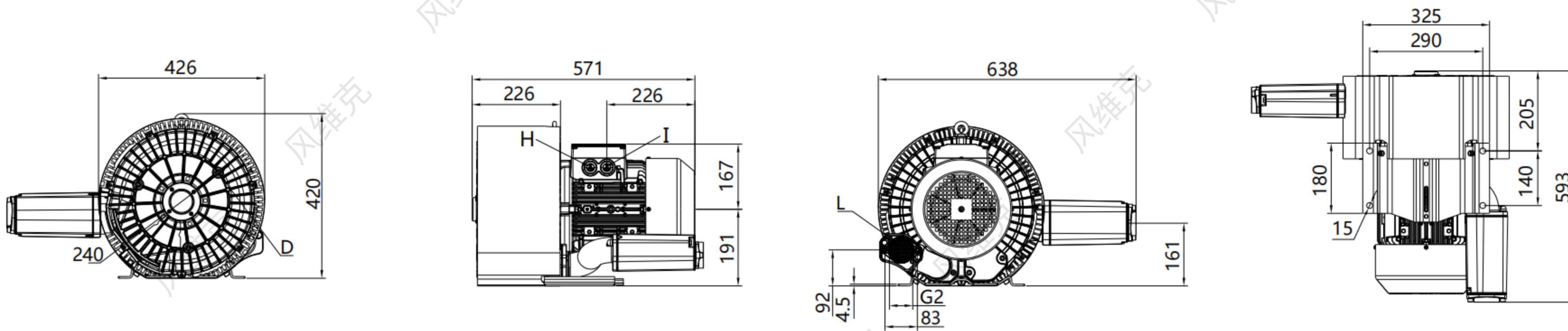
FVK720单级 安 装 尺 寸

FVK720 Double stage mounting dimensions



注1. FVK720-2H26 E: 505 G: 188 J:135
FVK720-2H27 E: 541 G: 188 J:135
FVK720-2H37 E: 526 G: 209 J:148

注2. D: M10X20 I: M32X1.5 H: M32X1.5 L: M8X17

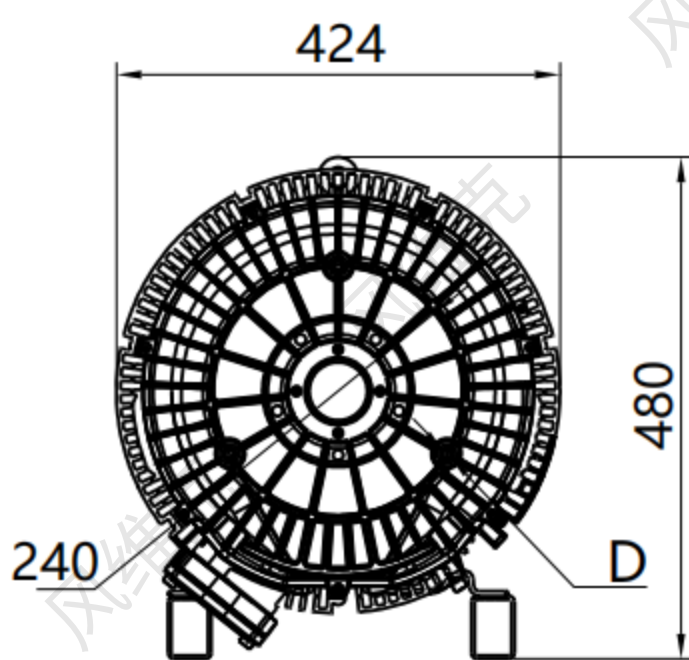


注1. FVK720-2H47
FVK720-2H57

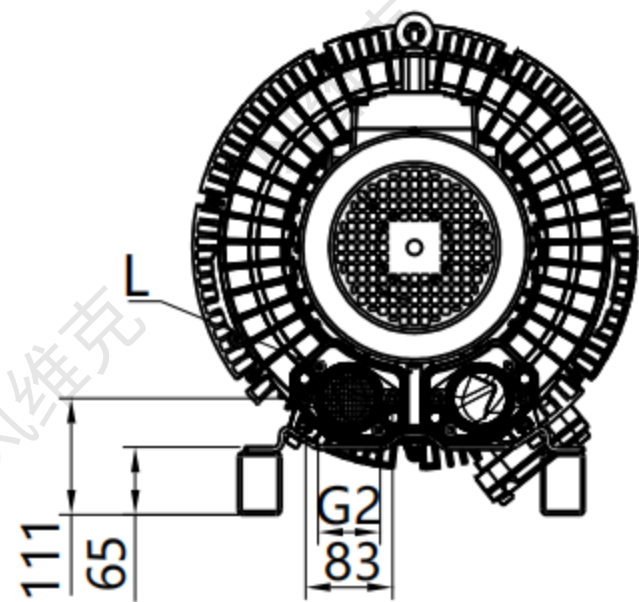
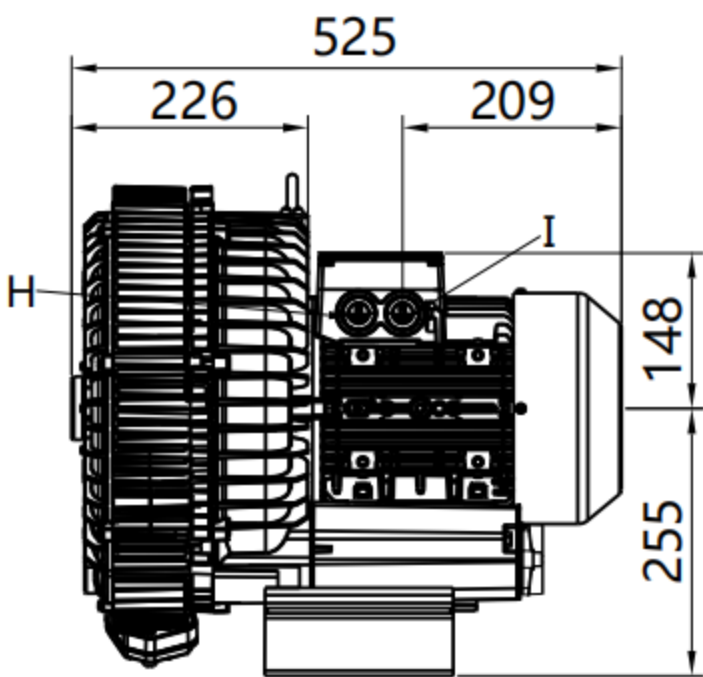
注2. D: M10X20 I: M32X1.5 H: M32X1.5 L: M8X17

FVK740单级 安装尺寸

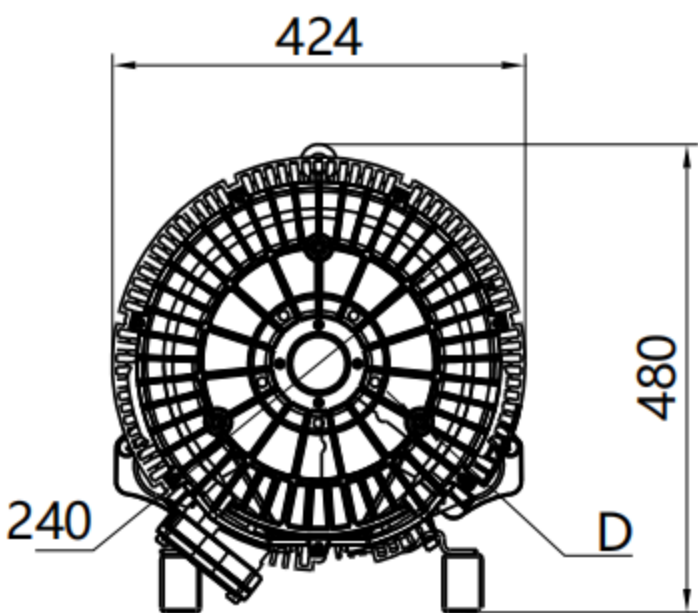
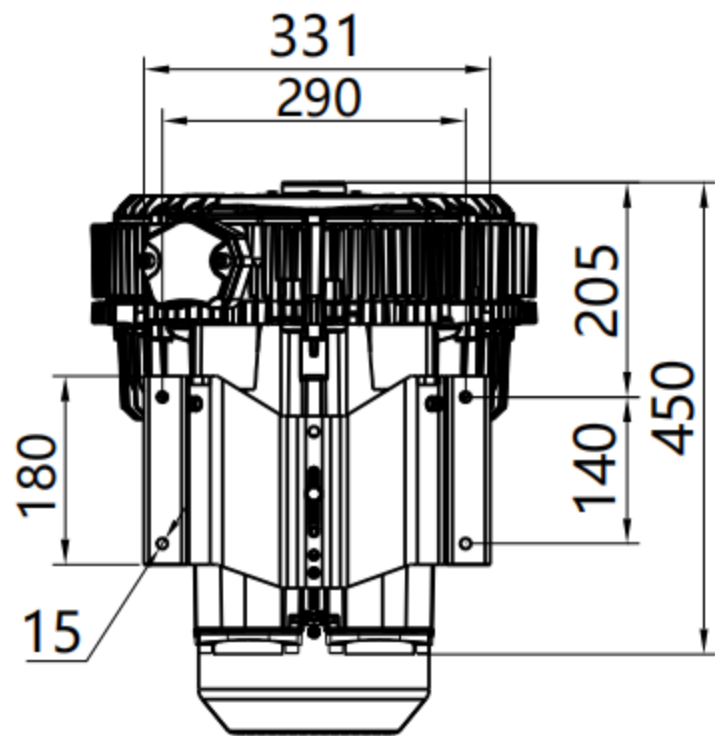
FVK740 Double stage mounting dimensions



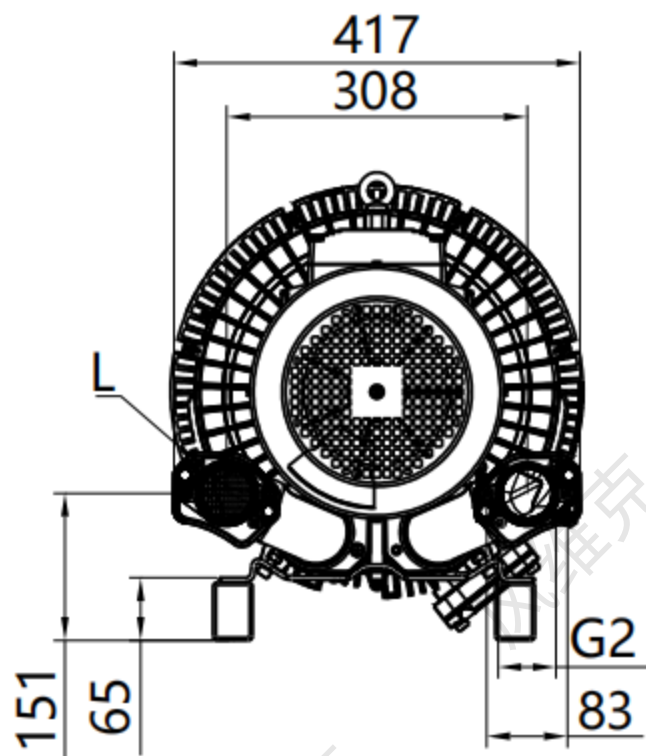
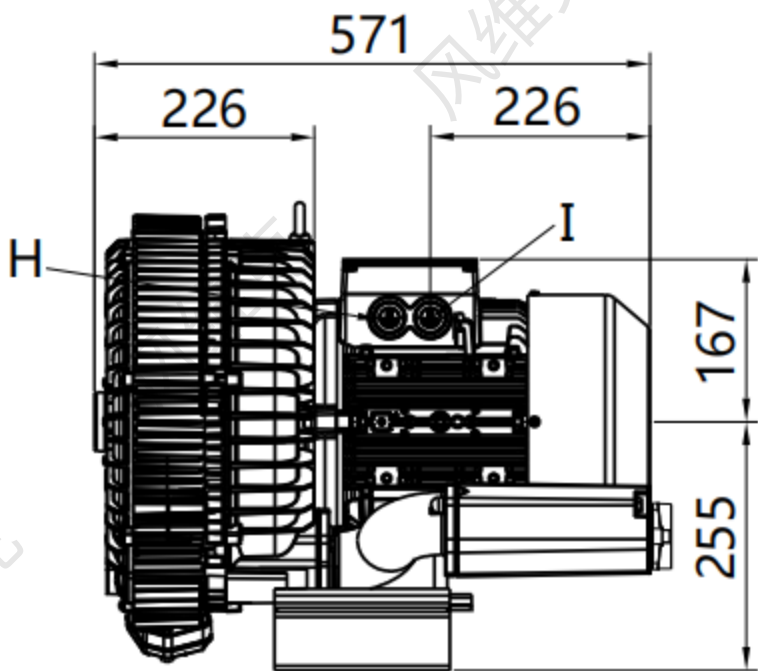
注1. FVK740-2H37



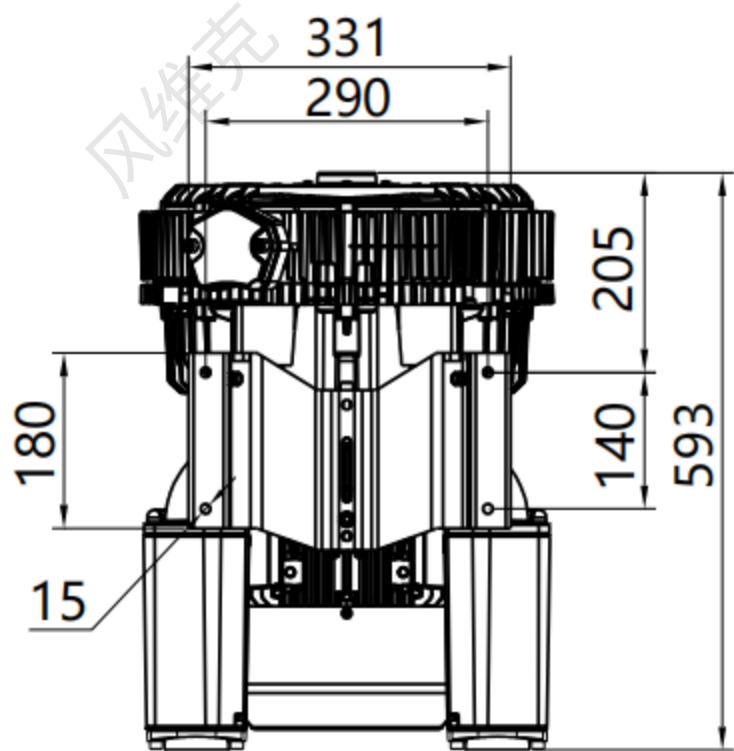
注2. D: M10X20 I: M32X1.5 H: M32X1.5 L: M8X17



注1. FVK740-2H47
FVK740-2H57



注2. D: M10X20 I: M32X1.5 H: M32X1.5 L: M8X17



FVK8 3AC气环泵型号及性能参数表 (IP55 50/60 Hz)

FVK8 3AC Gas ring pump model and performance parameter table (IP55 50/60HZ)

型号 (FVK8-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音	重量
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress		
	double	Hz	KW	V		A	m3/h	mbar	mbar		
• FVK 810 2H07	单	50	4.3	345-415△	600-720Y	9.5△/5.5Y	530	-200	200	70	51
		60	4.6	380-480△	660-720Y	9.5△/5.5Y	620	-160	160	74	
• FVK 810 2H17	单	50	5.5	345-415△	600-720Y	12.9△/7.4Y	530	-300	320	80	62
		60	6.3	380-480△	660-720Y	12.9△/7.45Y	620	-320	340	82	
• FVK 810 2H27	单	50	7.5	345-415△	600-720Y	16.7△/9.6Y	530	-320	430	80	65
		60	8.6	380-480△	660-720Y	17.3△/10Y	620	-350	400	82	
• FVK 820 2H17	双	50	5.5	345-415△	600-720Y	13.3△/7.7Y	530	-240	240	74	83
		60	6.3	380-480△	660-720Y	13.3△/7.7Y	620	-170	160	78	
• FVK 820 2H27	双	50	7.5	345-415△	600-720Y	16.7△/9.6Y	530	-400	400	74	88
		60	8.6	380-480△	660-720Y	17.3△/10Y	620	-360	330	78	
• FVK 820 2H37	双	50	11	345-415△	600-720Y	28△/16.2Y	530	-430	660	74	104
		60	12.6	380-480△	660-720Y	29△/16.7Y	620	-460	600	78	
• FVK 820 2H47	双	50	15	345-415△	600-720Y	32.5△/18.8Y	530	-460	670	74	120
		60	17.3	380-480△	660-720Y	34.5△/19.9Y	620	-490	750	78	
• FVK 830 2H07	单	50	4.3	345-415△	600-720Y	9.5△/5.5Y	700	-150	140	70	57
		60	4.6	380-480△	660-720Y	9.5△/5.5Y	840	-90	90	74	
• FVK 830 2H17	单	50	5.5	345-415△	600-720Y	12.9△/7.4Y	700	-200	180	70	66
		60	6.3	380-480△	660-720Y	12.9△/7.45Y	840	-180	180	74	
• FVK 830 2H27	单	50	7.5	345-415△	600-720Y	16.7△/9.6Y	700	-270	260	70	69
		60	8.6	380-480△	660-720Y	17.3△/10Y	840	-270	260	74	
• FVK 840 2H27	双	50	7.5	345-415△	600-720Y	16.7△/9.6Y	900	-200	180	74	91
		60	8.6	380-480△	660-720Y	17.3△/10Y	1050	-150	120	78	
• FVK 840 2H37	双	50	11	345-415△	600-720Y	28△/16.2Y	900	-280	370	74	110
		60	12.6	380-480△	660-720Y	29△/16.7Y	1050	-310	350	78	
• FVK 840 2H47	双	50	15	345-415△	600-720Y	32.5△/18.8Y	900	-300	390	74	126
		60	17.3	380-480△	660-720Y	34.5△/19.9Y	1050	-330	370	78	
型号	单级	频率	功率	电压		电流	最大流量	额定真空	额定压力	噪音	重量
	双级/三级	Hz	Kw	V		A	m³/h	mbar	mbar	dB(A)	Kg
FVK8310-3H57	三	50	18.5	345-415 △	600-720Y	37△/21Y	530	-540	740	80	135
		60	21.3	380-480 △	660-720Y	39△/22.5Y	620	-580	780	85	

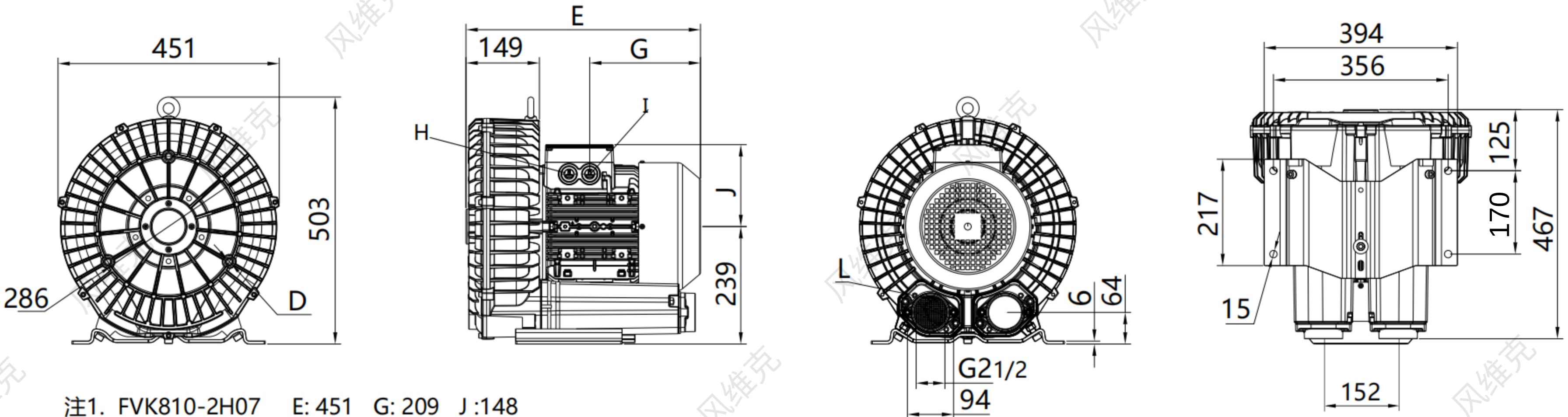
Vacuum compression type curve

the performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.103 mbar of $\pm 10\%$. the total pressure differences are valid up to an intake and ambient of 25°C.



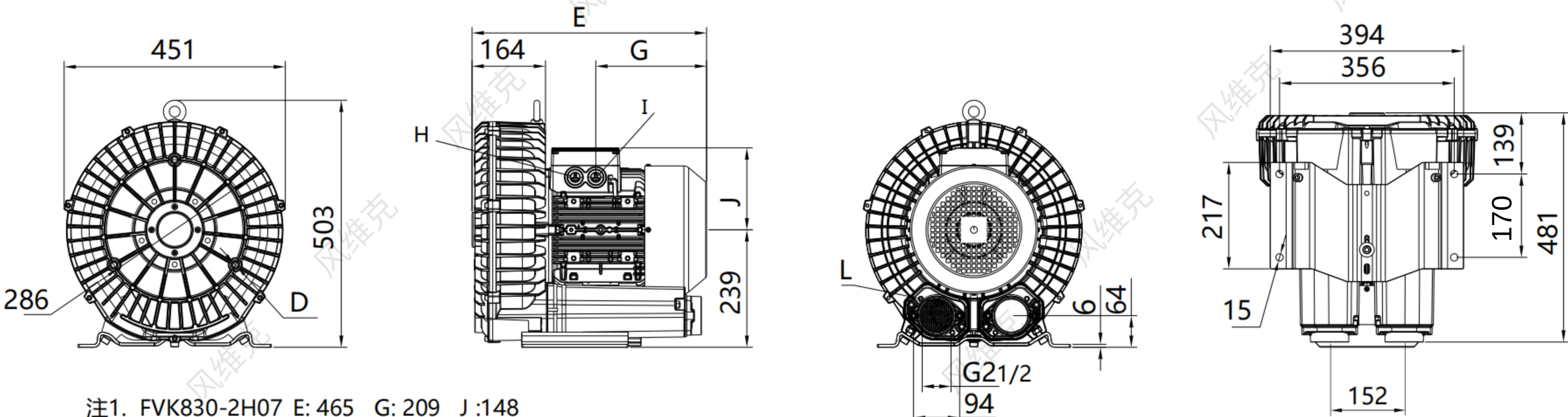
FVK810/830单级 安装

FVK810/830 Single stage mounting dimensions



注1. FVK810-2H07 E: 451 G: 209 J: 148
FVK810-2H17 E: 478 G: 226 J: 167
FVK810-2H27 E: 478 G: 226 J: 167

注2. D: M10X20 I: M32X1.5 H: M32X1.5 L: M8X17



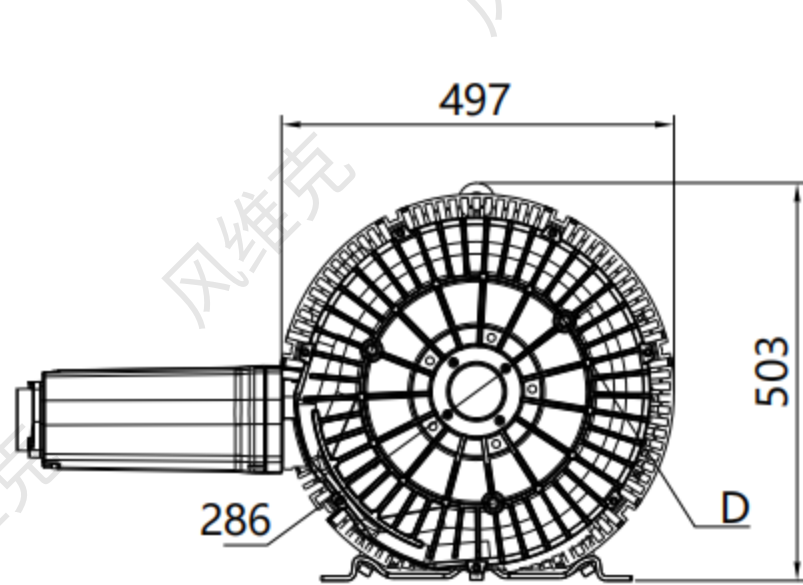
注1. FVK830-2H07 E: 465 G: 209 J: 148
FVK830-2H17 E: 492 G: 226 J: 167
FVK830-2H27 E: 492 G: 226 J: 167

注2. D: M10X20 I: M32X1.5 H: M32X1.5 L: M8X17

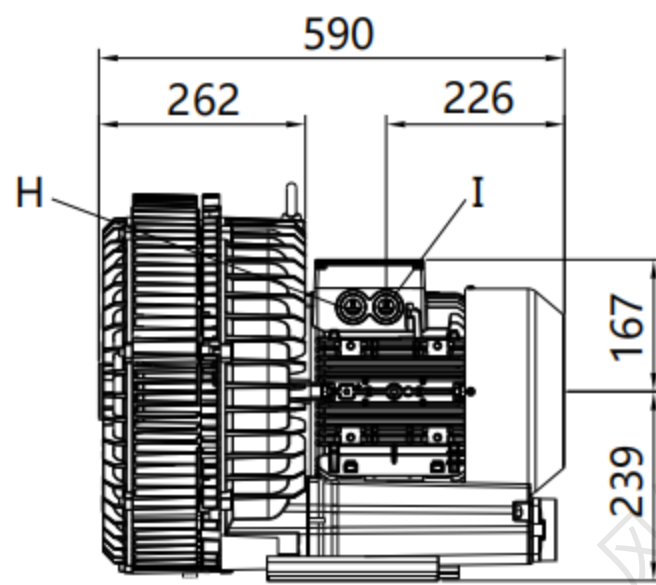
风维克®
Wind Vic

FVK820双级 安装

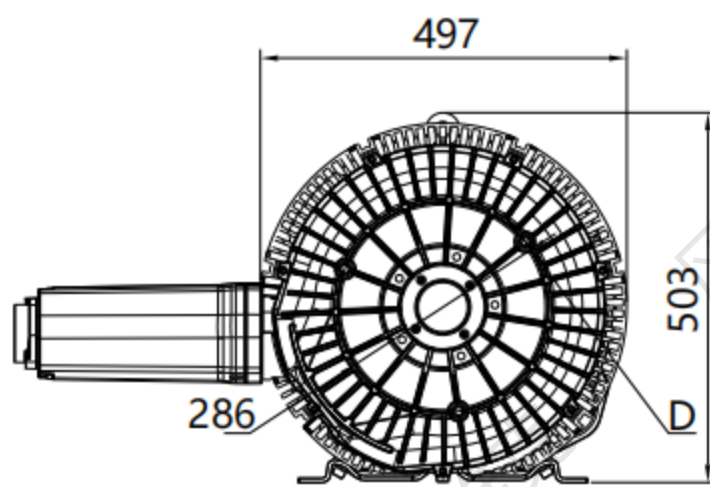
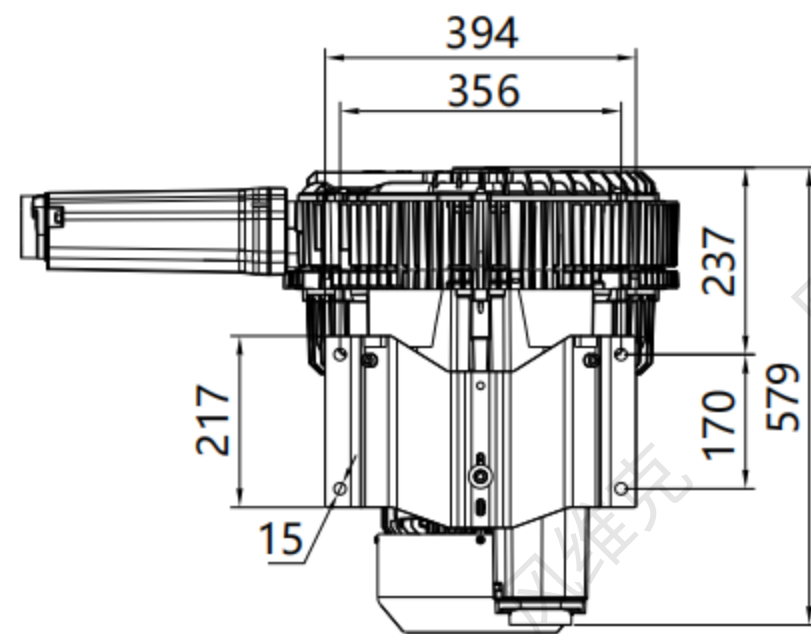
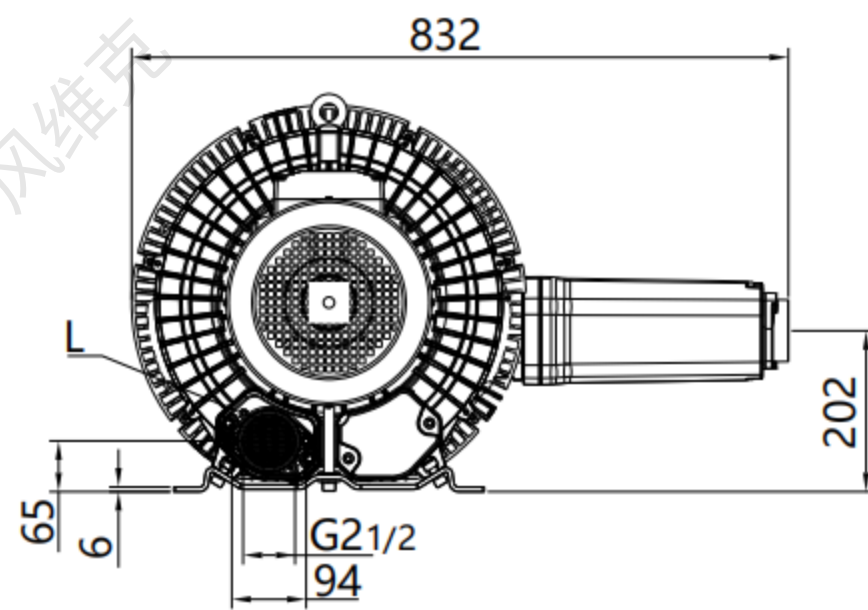
FVK820 Double stage mounting dimensions



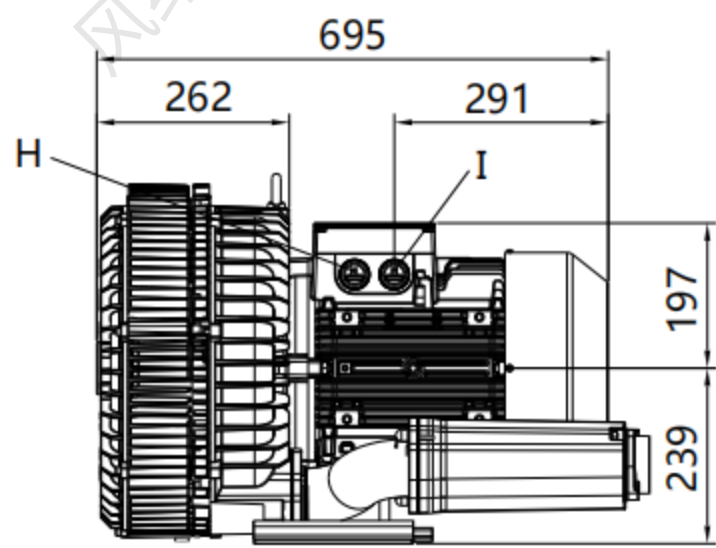
注1. FVK820-2H17
FVK820-2H27



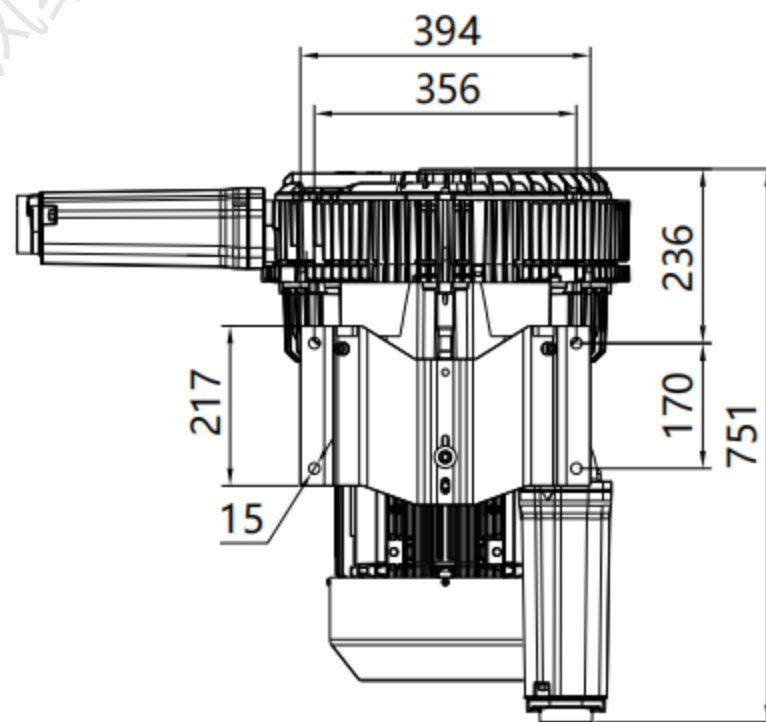
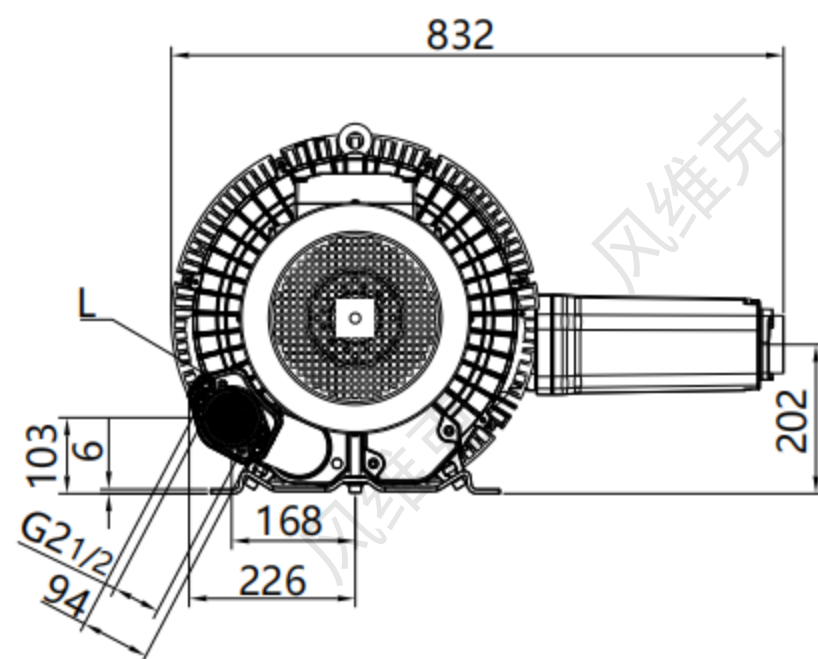
注2. D: M12X20 I: M32X1.5 H: M32X1.5 L: M8X17



注1. FVK820-2H37
FVK820-2H47

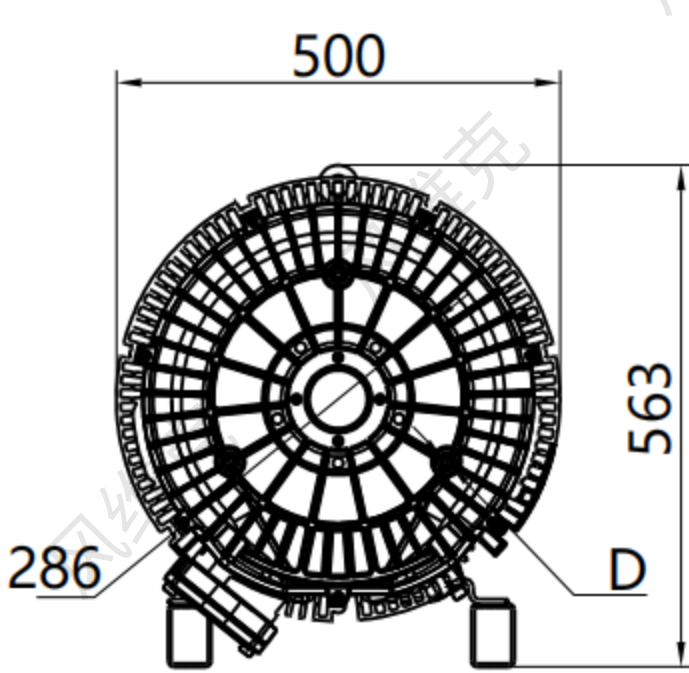


注2. D: M12X20 I: M32X1.5 H: M32X1.5 L: M8X17

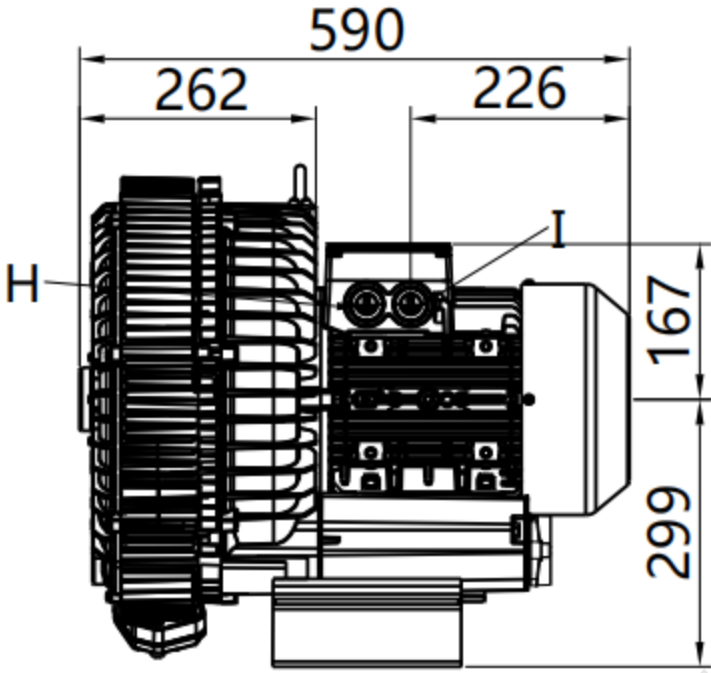


FVK840/840 双级 安装

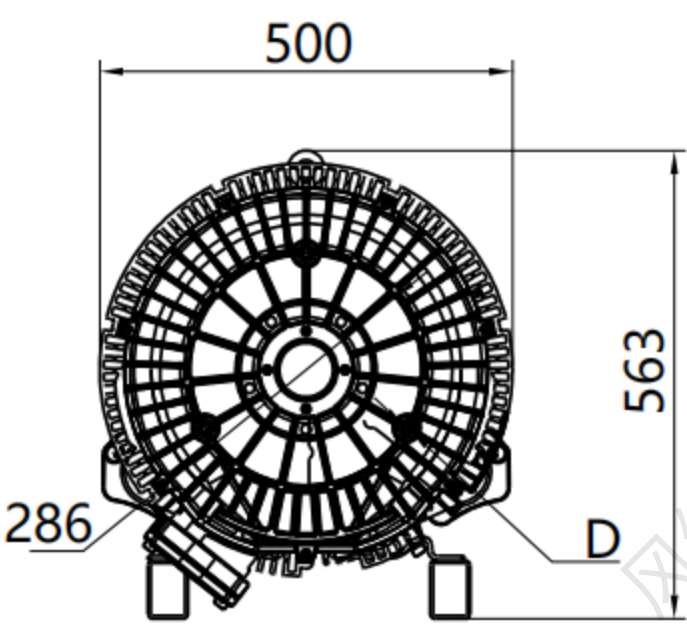
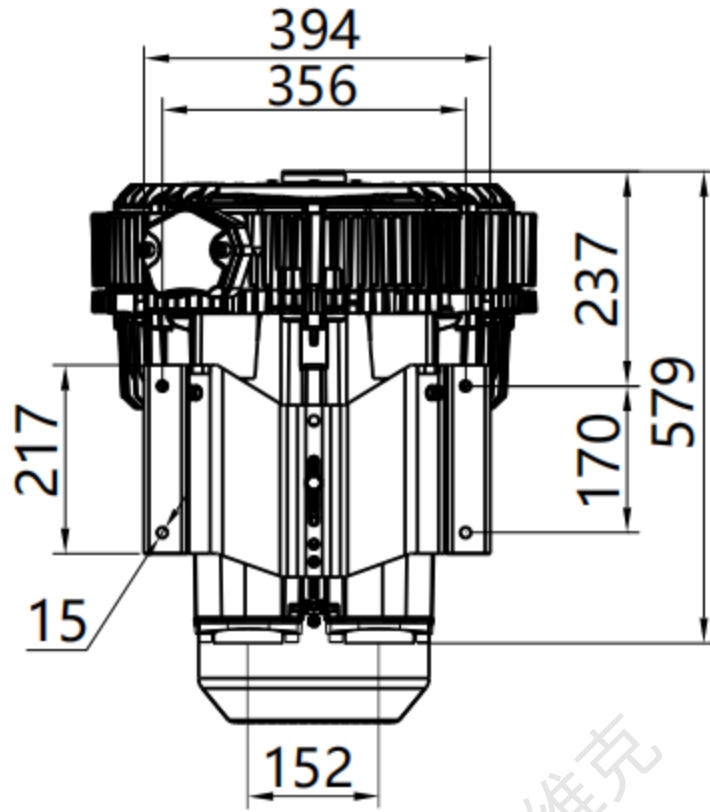
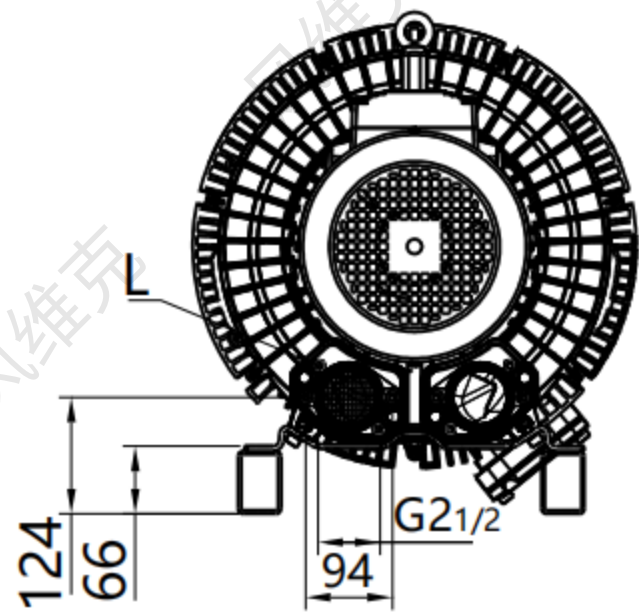
FVK840/840 Double stage mounting dimensions



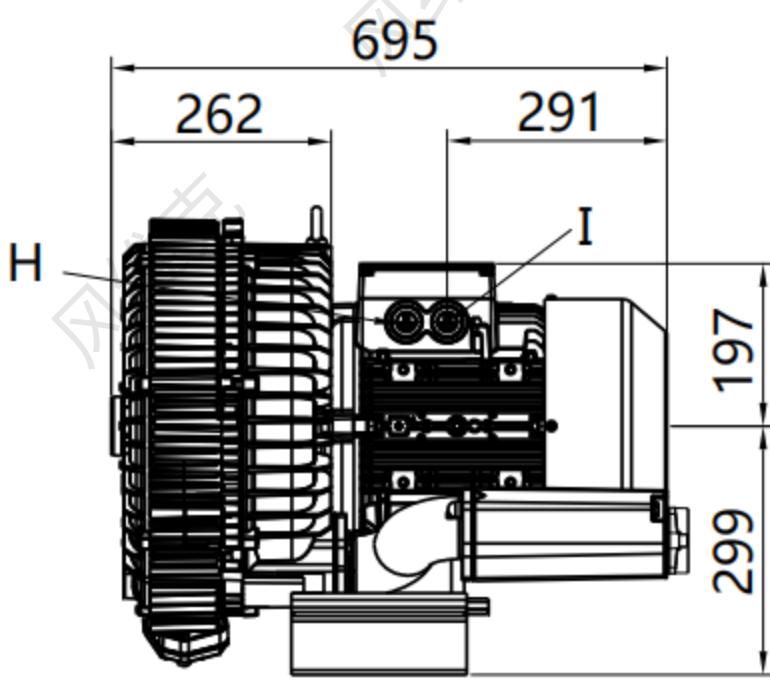
注1. FVK840-2H27



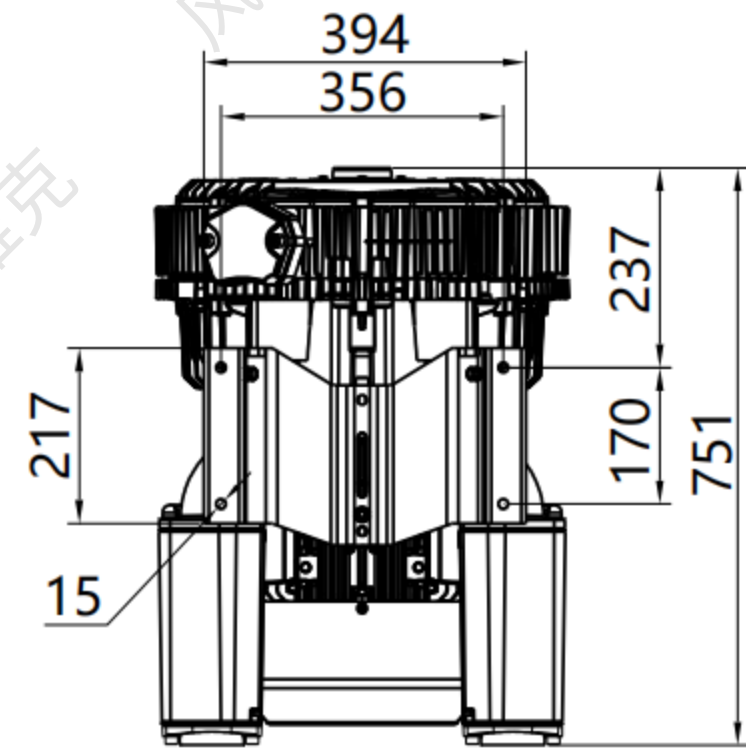
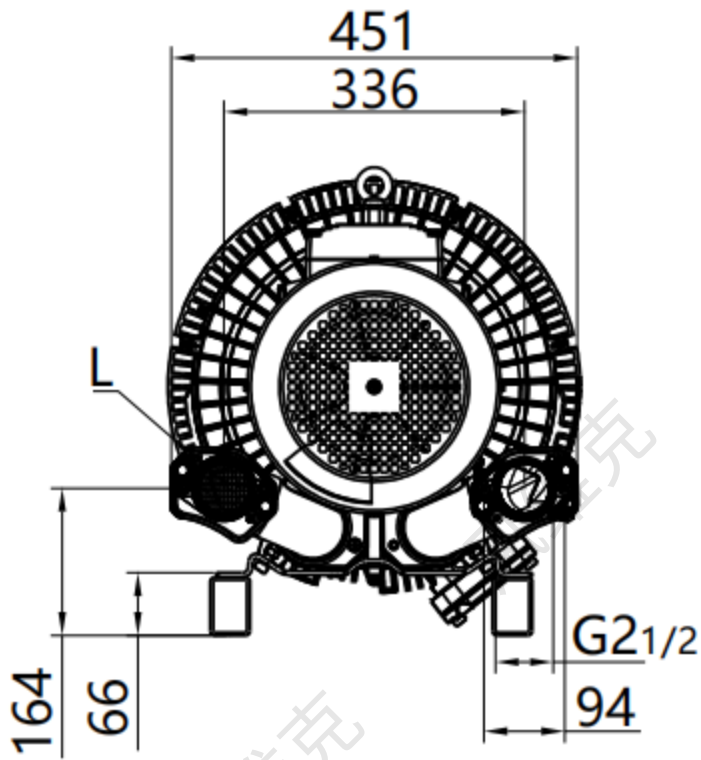
注2. D: M12X20 I: M32X1.5 H: M32X1.5 L: M8X17



注1. FVK840-2H37



注2. D: M12X20 I: M32X1.5 H: M32X1.5 L: M8X17



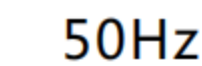


FVK9 3AC气环泵型号及性能参数表 (IP55 50/60 Hz)

FVK9 3AC Gas ring pump model and performance parameter table (IP55 50/60HZ)

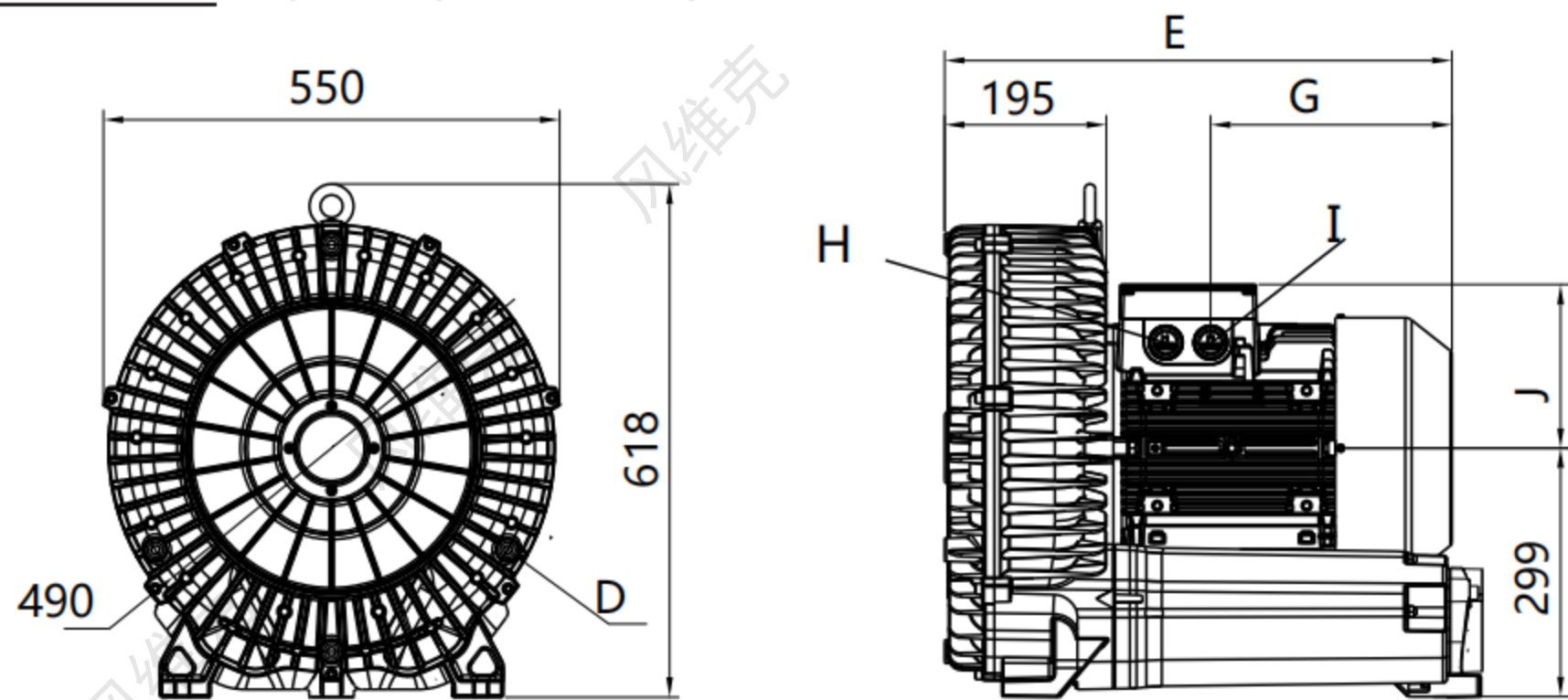
型号 (FVK9-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音	重量
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress		
	double	HZ	KW	V		A	m3/h	mbar	mbar		
• FVK 910 2H07	单	50	8. 5	345-415△	600-720Y	18. 2△/10. 5Y	1050	-190	190	74	93
		60	9. 8	380-480△	660-720Y	18. 2△/10. 5Y	1250	-150	140	79	
• FVK 910 2H17	单	50	12. 5	345-415△	600-720Y	28△/16. 2Y	1050	-290	280	74	116
		60	14. 5	380-480△	660-720Y	29△/16. 7Y	1250	-270	260	79	
• FVK 910 2H27	单	50	15	345-415△	600-720Y	35△/20Y	1050	-320	380	74	120
		60	17. 5	380-480△	660-720Y	36. 5△/21Y	1250	-340	360	79	
• FVK 910 2H37	单	50	18. 5	345-415△	600-720Y	37△/21Y	1050	-360	460	74	126
		60	21. 3	380-480△	660-720Y	39△/22. 5Y	1250	-380	420	79	
• FVK 920 2H17	双	50	12. 5	345-415△	600-720Y	28△/16. 2Y	1110	-300	270	74	187
		60	14. 5	380-480△	660-720Y	29△/16. 7Y	1310	-220	200	78	
• FVK 920 2H27	双	50	16. 5	345-415△	600-720Y	35△/20Y	1110	-410	370	74	197
		60	19	380-480△	660-720Y	36. 5△/21Y	1310	-340	300	78	
• FVK 920 2H37	双	50	20	345-415△	600-720Y	40△/23Y	1110	-440	500	74	204
		60	23	380-480△	660-720Y	42△/24. 2Y	1310	-440	430	78	
• FVK 920 2H47	双	50	25	345-415△	600-720Y	52△/30Y	1110	-440	590	74	211
		60	29	380-480△	660-720Y	52△/30Y	1310	-440	540	78	
• FVK 930 2H07	单	50	8. 5	345-415△	600-720Y	18. 2△/10. 5Y	1370	-120	110	75	98
		60	9. 8	380-480△	660-720Y	18. 2△/10. 5Y	1650	-80	70	80	
• FVK 930 2H17	单	50	12. 5	345-415△	600-720Y	28△/16. 2Y	1370	-190	180	75	121
		60	14. 5	380-480△	660-720Y	29△/22. 5Y	1650	-150	150	80	
• FVK 930 2H27	单	50	18. 5	345-415△	600-720Y	37△/21Y	1370	-310	320	75	131
		60	21. 3	380-480△	660-720Y	39△/22. 5Y	1650	-300	280	80	
• FVK 940 2H27	双	50	15	345-415△	600-720Y	35△/20Y	1940	-130	110	75	187
		60	17. 5	380-480△	660-720Y	36. 5△/21Y	2310	-60	40	84	
• FVK 940 2H37	双	50	20	345-415△	600-720Y	40△/23Y	1940	-200	200	75	212
		60	23	380-480△	660-720Y	42△/24. 2Y	2310	-160	130	84	
• FVK 940 2H47	双	50	25	345-415△	600-720Y	52△/30Y	1940	-310	280	75	219
		60	29	380-480△	660-720Y	52△/30Y	2310	-270	220	84	
• FVK 943 2H27	双	50	15	345-415△	600-720Y	35△/20Y	2050	-160	170	75	220
		60	17. 5	380-480△	660-720Y	36. 5△/21Y	2480	-120	110	84	
• FVK 943 2H37	双	50	20	345-415△	600-720Y	40△/23Y	2050	-250	230	75	230
		60	23	380-480△	660-720Y	42△/24. 2Y	2480	-190	180	84	
• FVK 943 2H47	双	50	25	345-415△	600-720Y	52△/30Y	2050	-310	280	75	235
		60	29	380-480△	660-720Y	50△/30Y	2480	-270	230	84	
型号	单级	频率	功率	电压		电流	最大流量	额定真空	额定压力	噪音	重量
	双级	Hz	Kw	V		A	m³/h	mbar	mbar	dB(A)	Kg
FVK963-3H47	双	50	25	380V △	660Y	52 △/30Y	3200	-210	156	85	265
		60	29	475V △	660Y	52 △/30Y	3950	-190	120	88	

下面的性能曲线是在吸抽15°C空气，排气压力1013mbar的工况下测出的，允差±10%，吸入空气和环境温度不超过25°C时，即可达到图示总压差。
the performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013 mbar of ±10%. the total pressure differences are valid up to an intake and ambient of 25°C.



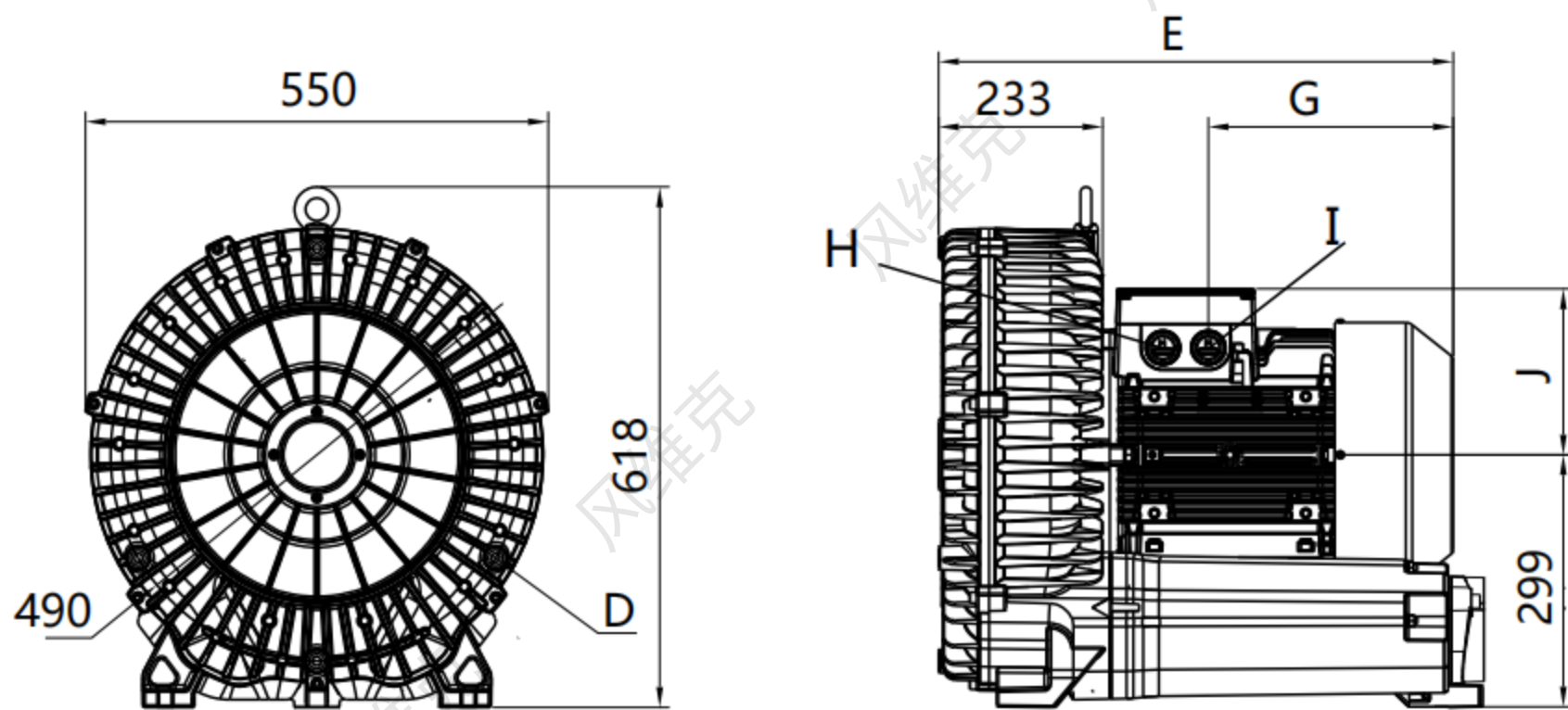
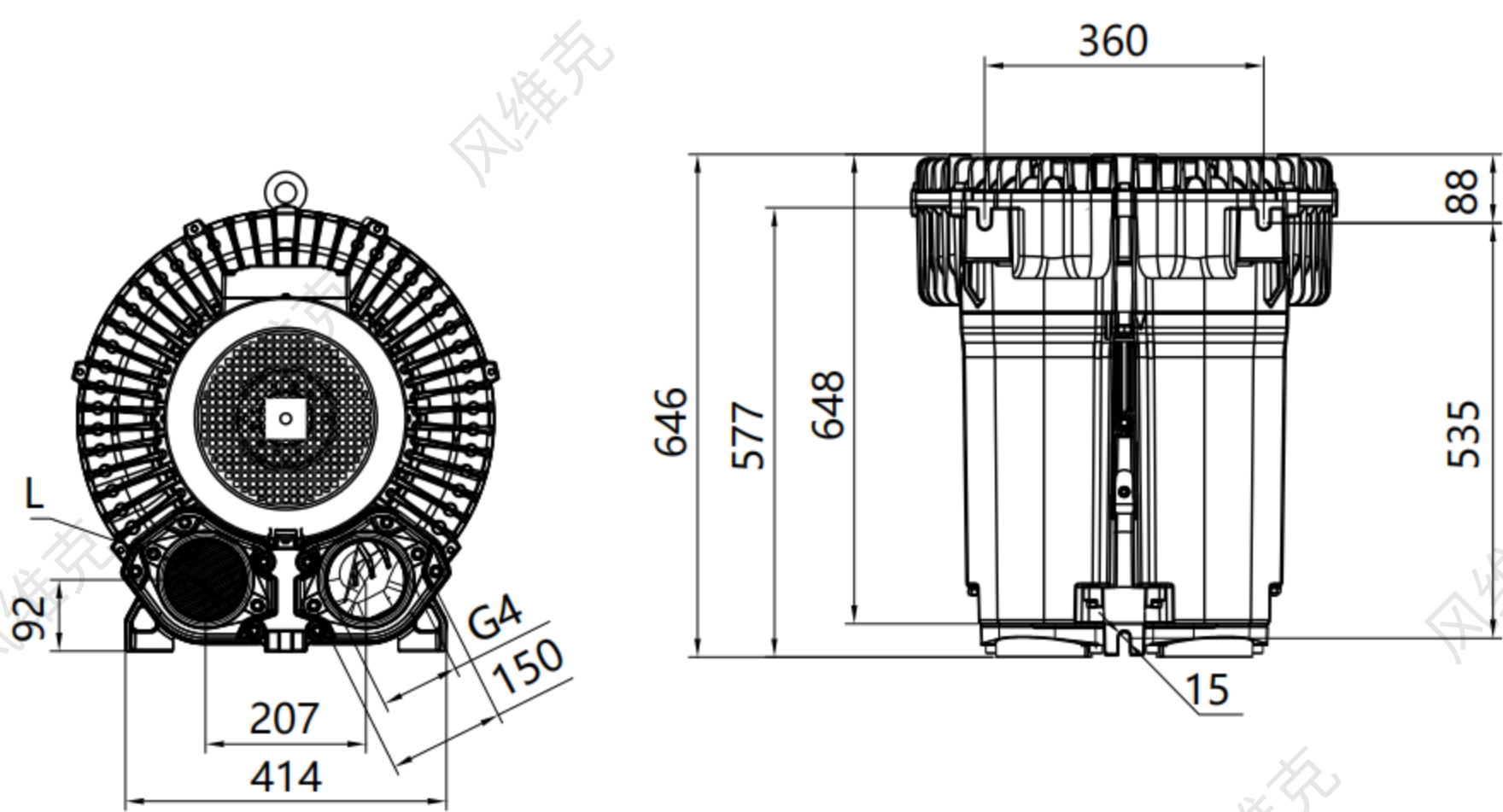
FVK910/930单级 安装

FVK910/930 Single stage mounting dimension



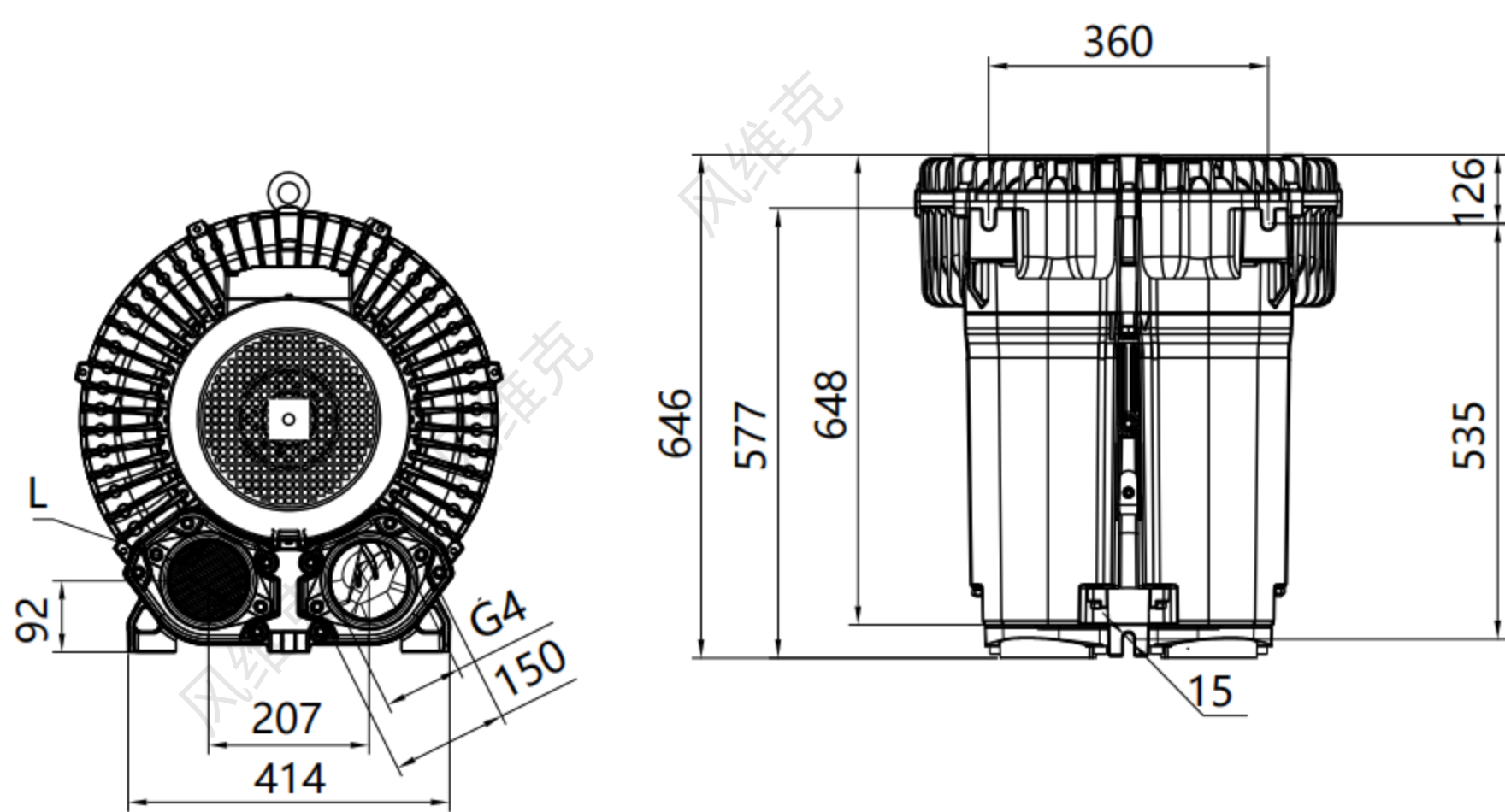
注1. FVK910-2H07 E:525 G:226 J:167
FVK910-2H17 E:611 G:291 J:197
FVK910-2H27 E:611 G:291 J:197

注2. D: M12X30 I: M40X1.5 H: M40X1.5 L: M12X30



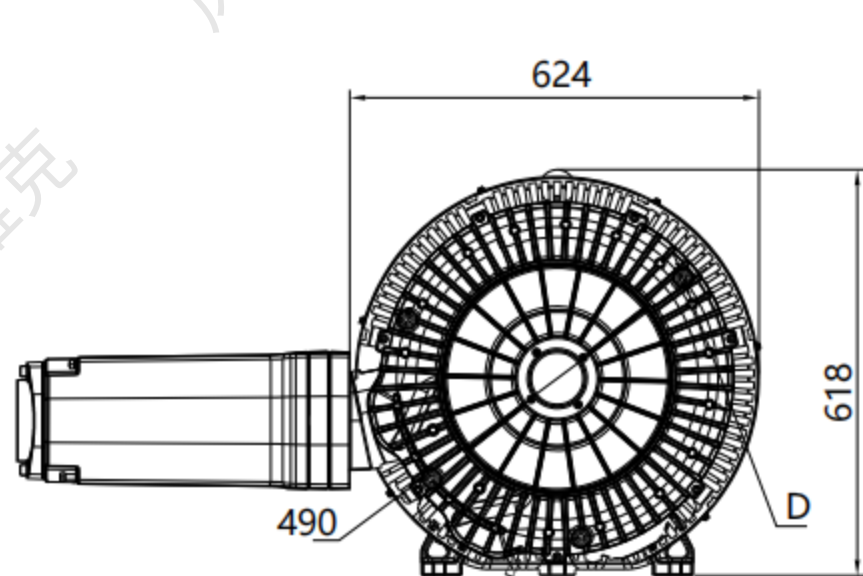
注1. FVK930-2H07 E:563 G:226 J:167
FVK930-2H17 E:649 G:291 J:197
FVK930-2H27 E:649 G:291 J:197

注2. D: M12X30 I: M40X1.5 H: M40X1.5 L: M12X30

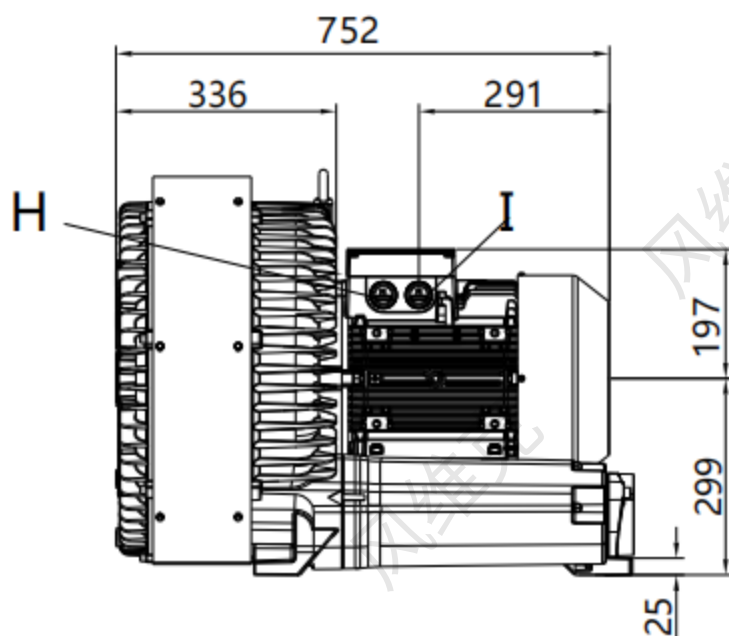


FVK920 双级 安装 尺寸

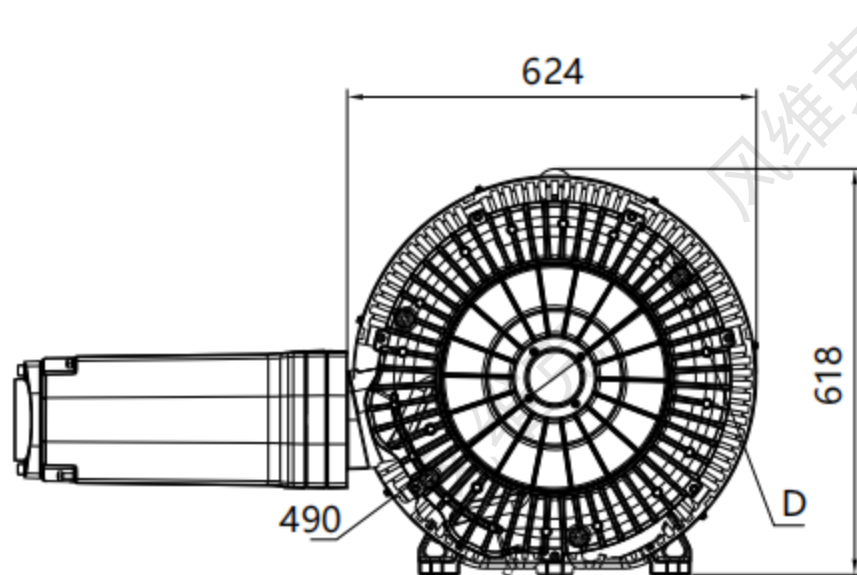
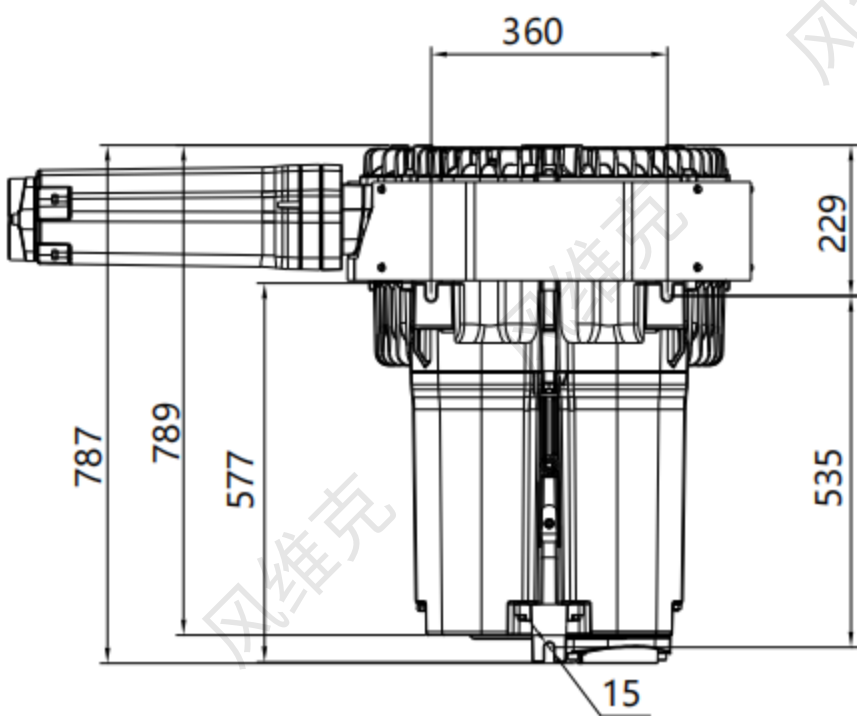
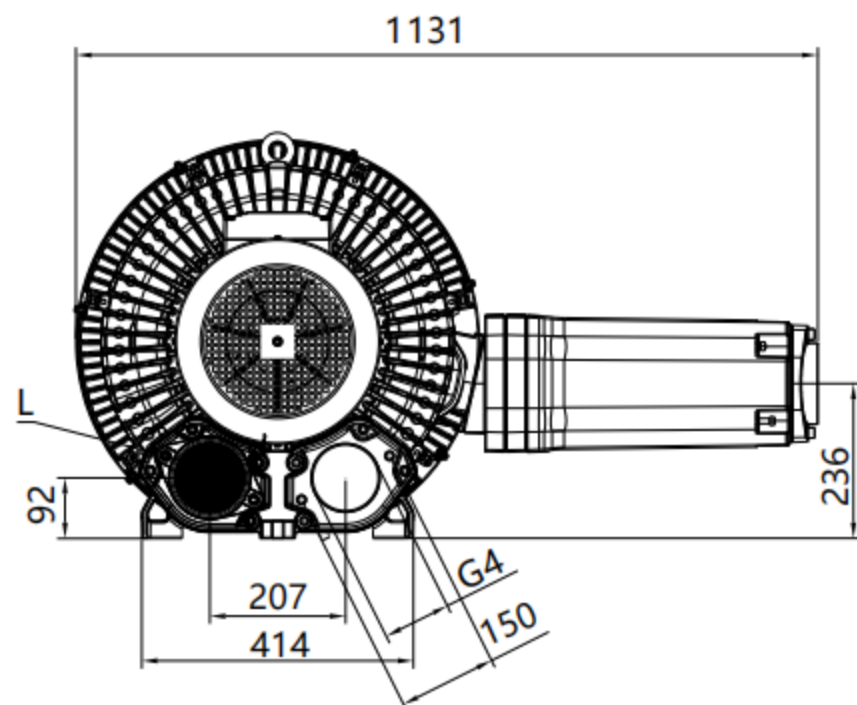
FVK920 Double stage mounting dimensions



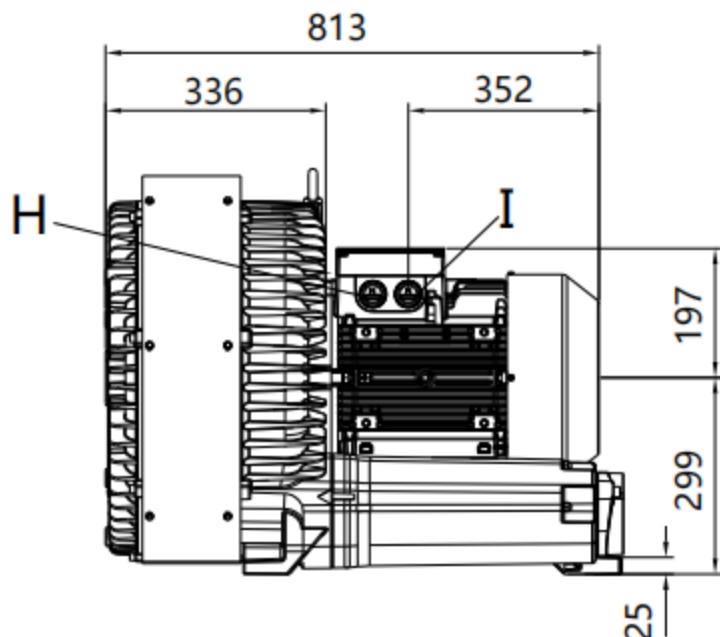
注1. FVK920-2H07
FVK920-2H17
FVK920-2H37



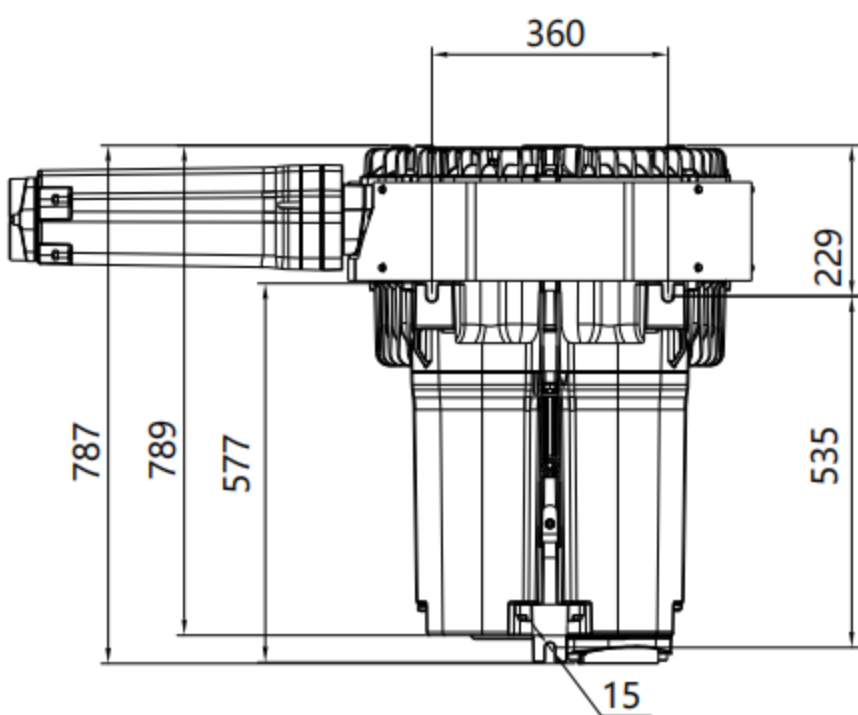
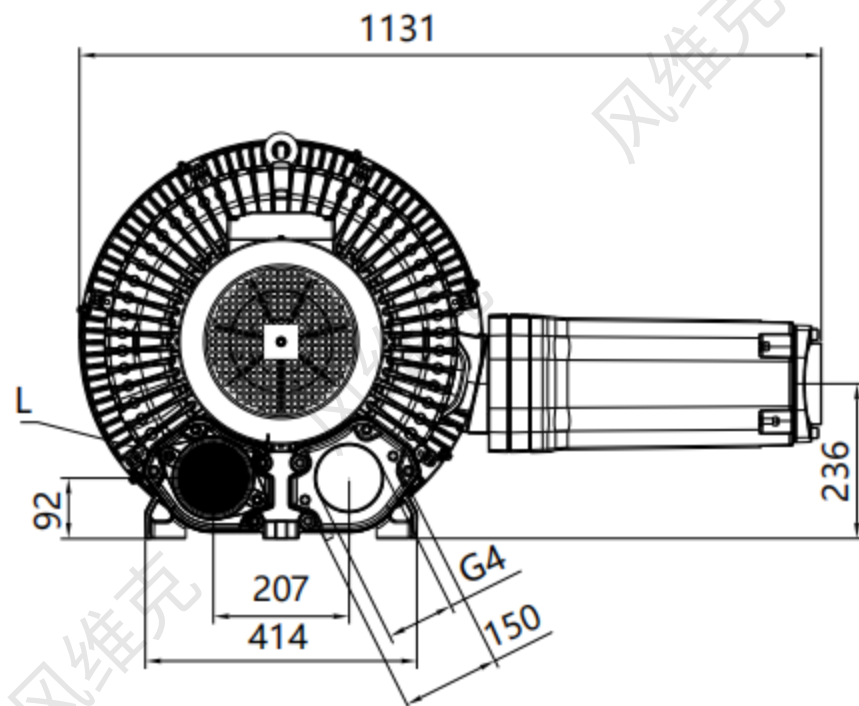
注2. D: M12X20 I: M40X1.5 H: M40X1.5 L: M12X30



注1. FVK920-2H47



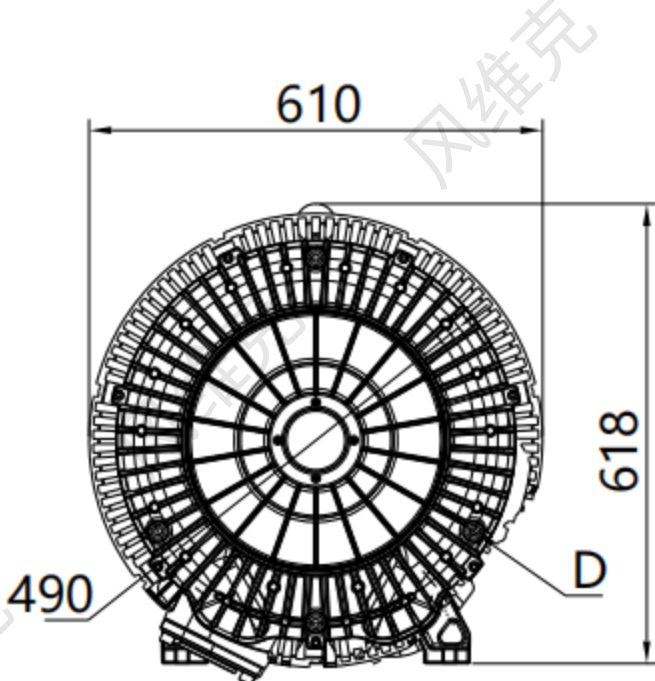
注2. D: M12X20 I: M40X1.5 H: M40X1.5 L: M12X30



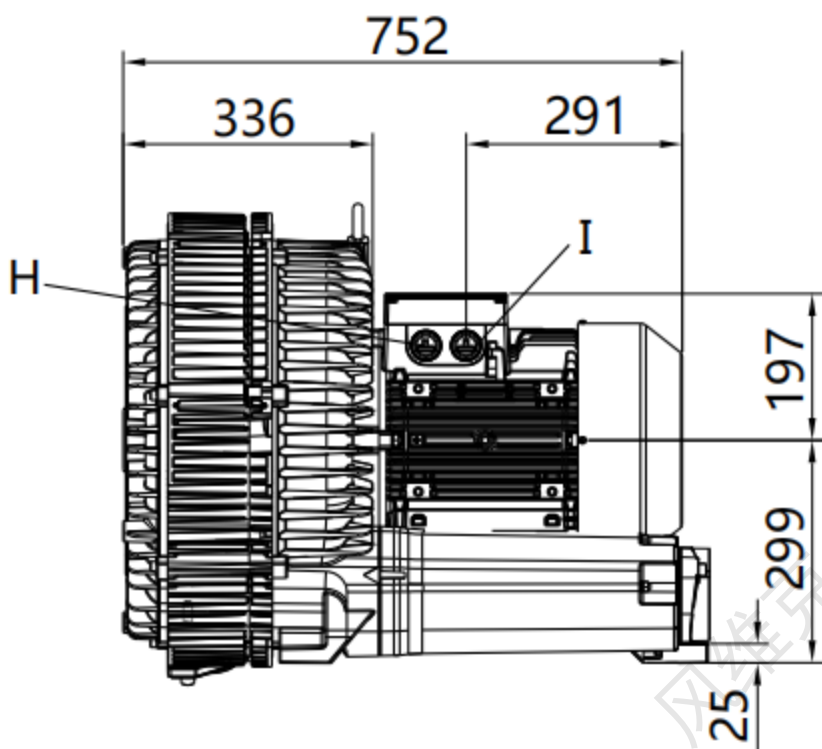


FVK940 双级 安 装 尺 寸

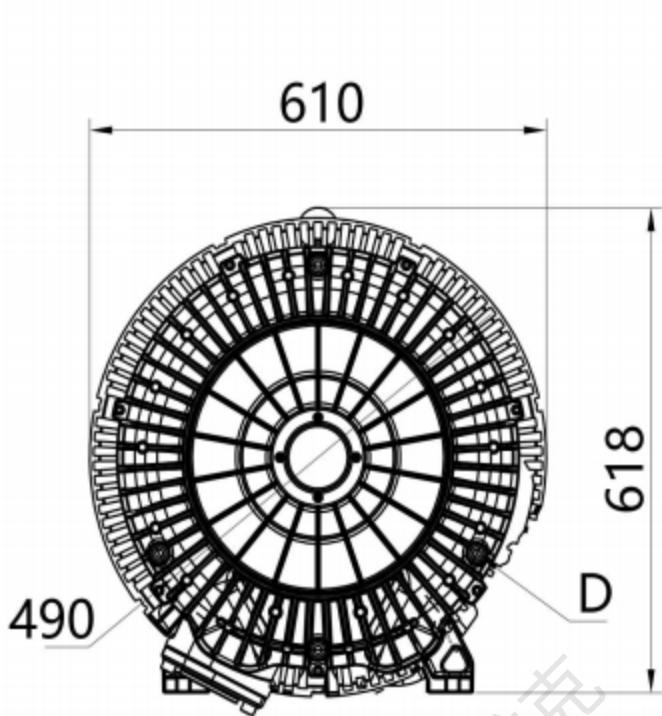
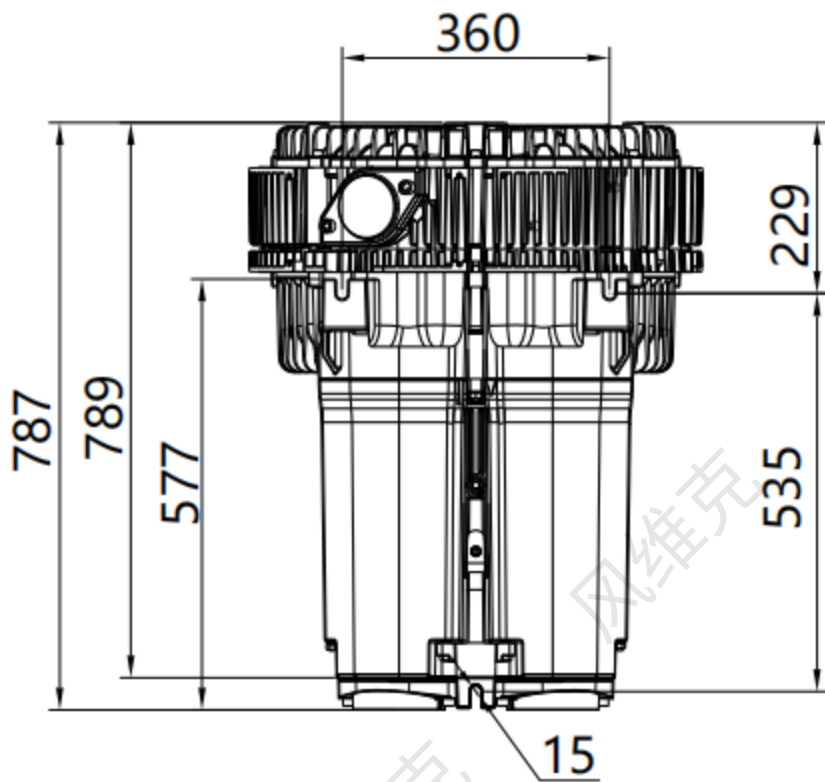
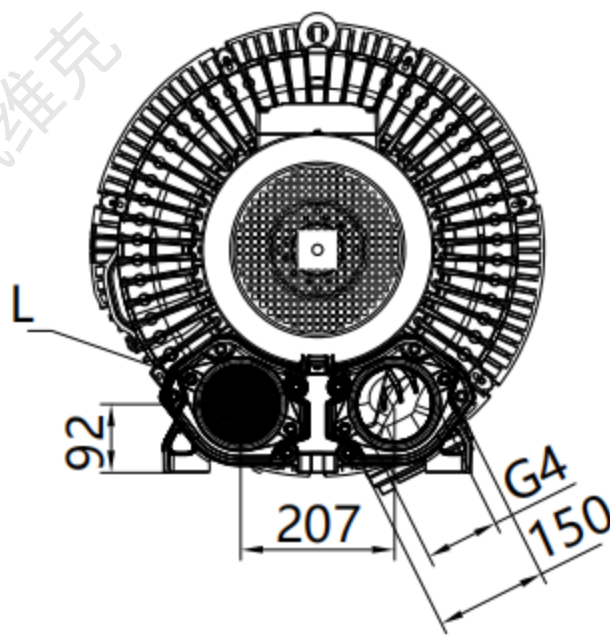
FVK940 Double stage mounting dimensions



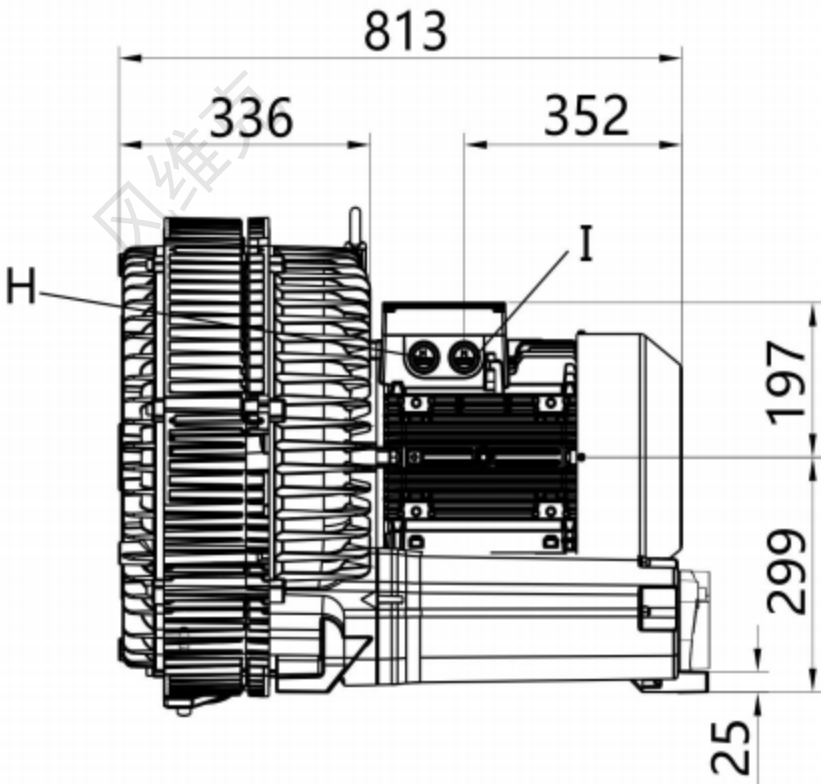
注1. FVK940-2H27
FVK940-2H37



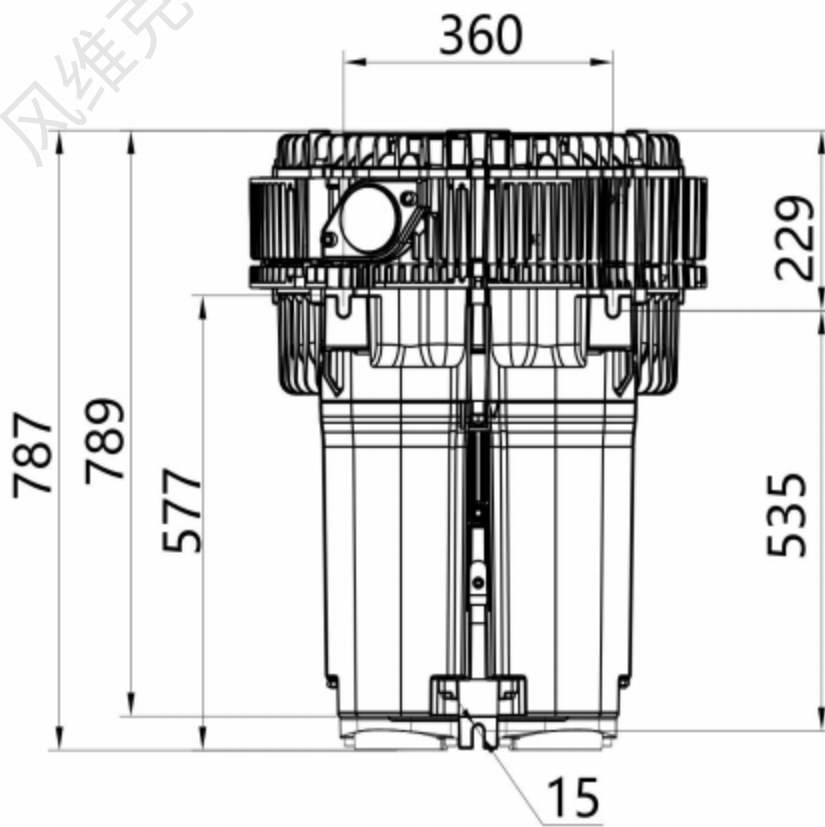
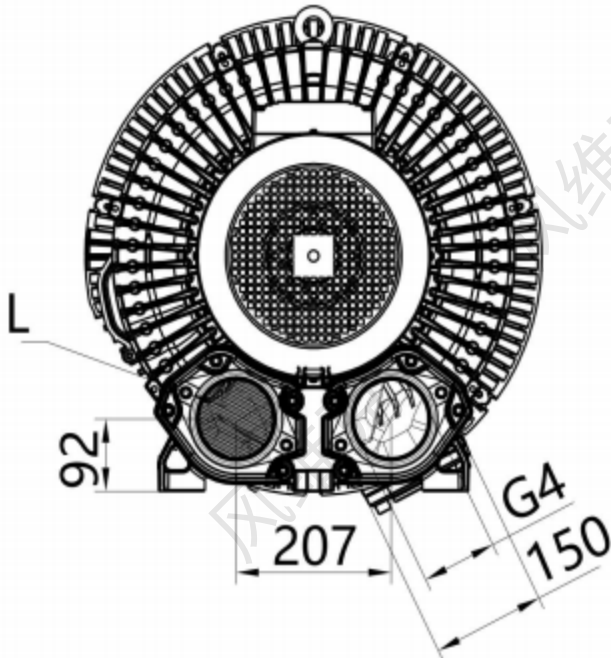
注2. D: M12X30 I: M40X1.5 H: M40X1.5 L: M12X30



注1. FVK940-2H47

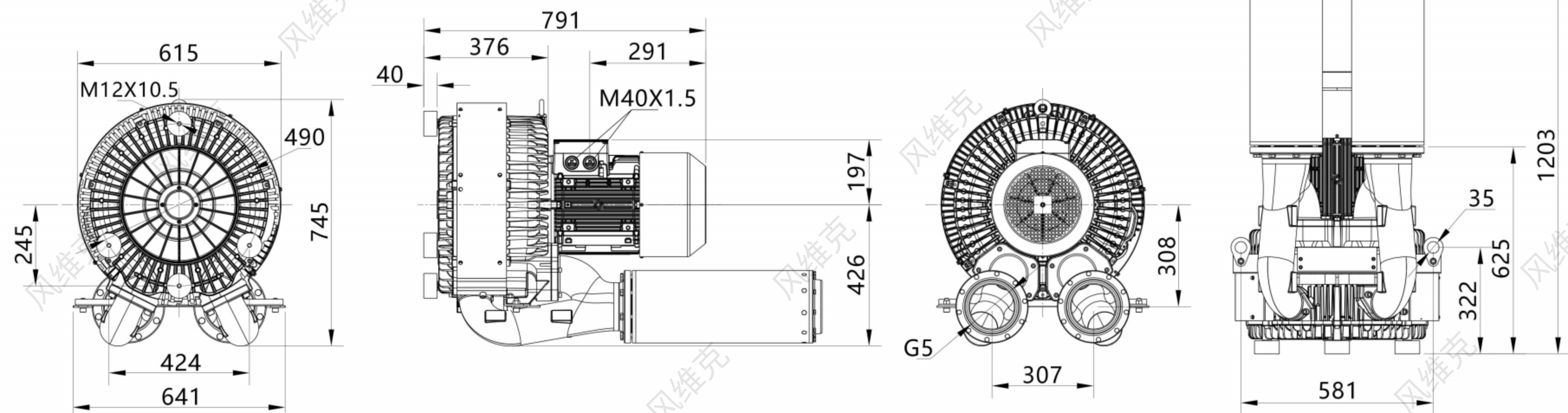


注2. D: M12X30 I: M40X1.5 H: M40X1.5 L: M12X30

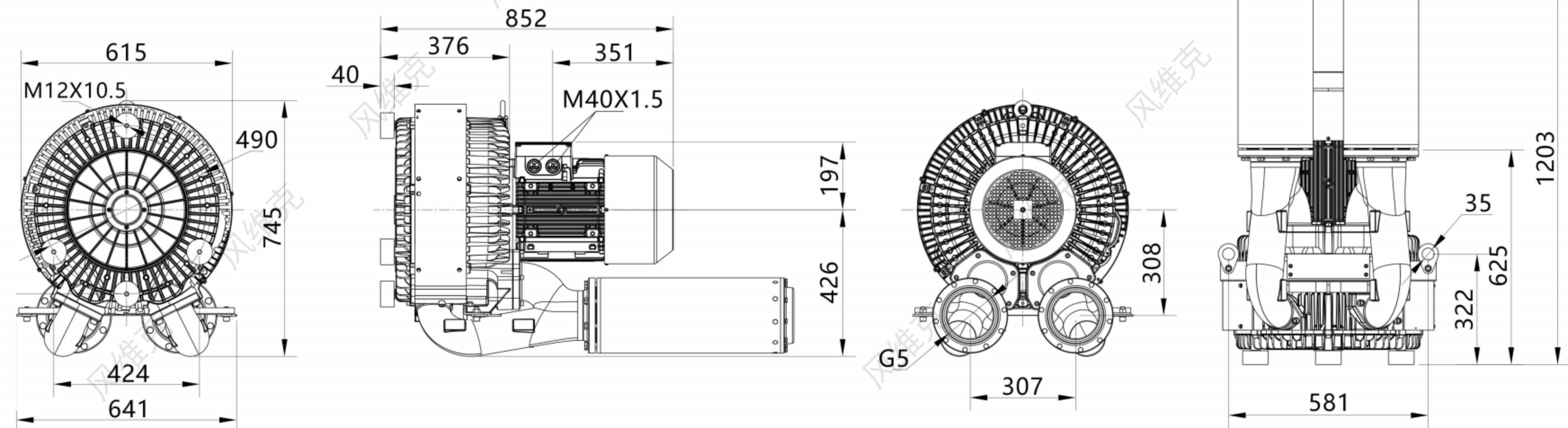


FVK943 双级 安装

FVK943 Double stage mounting dimensions



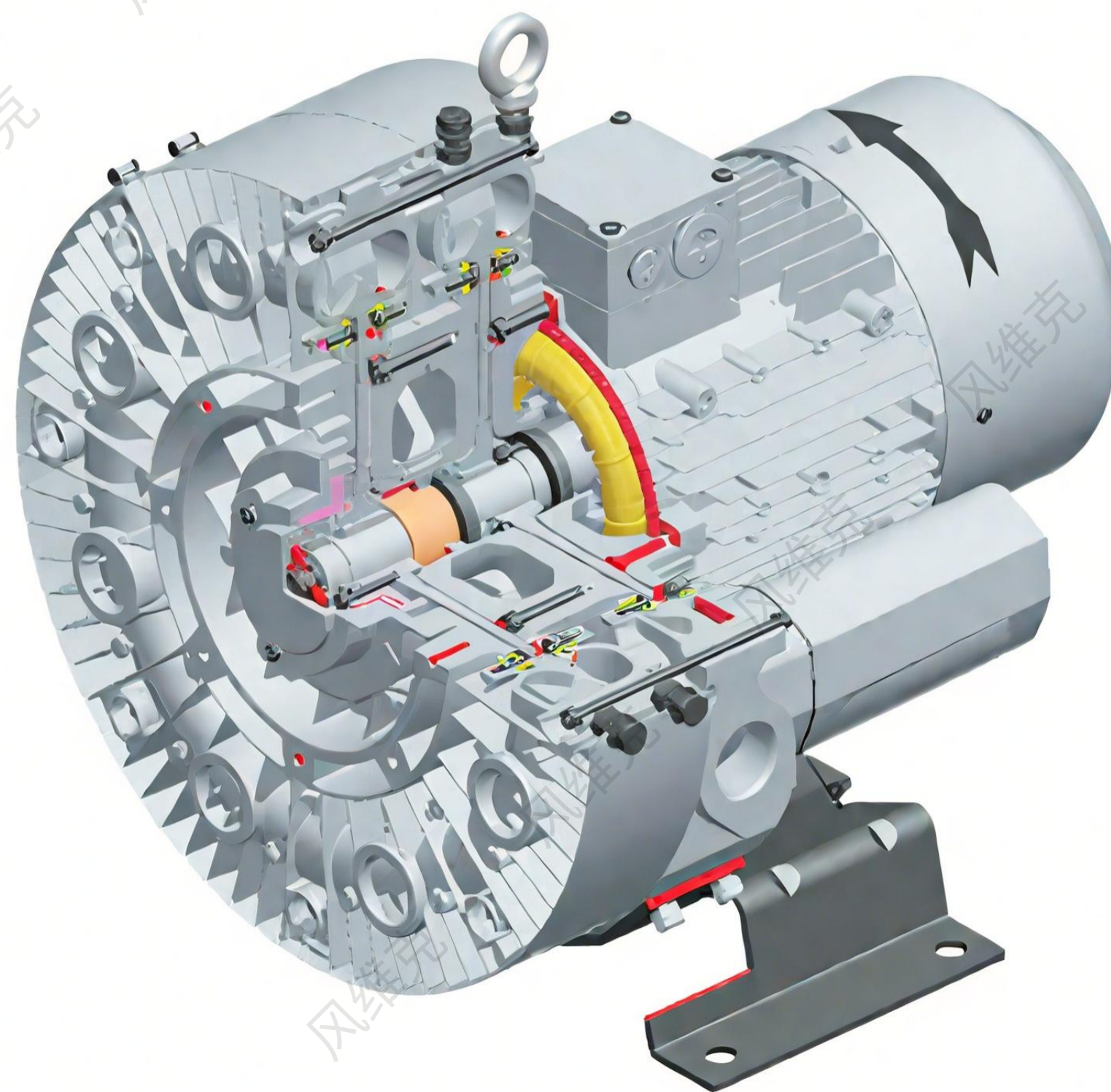
注1. FVK943-2H27
FVK943-2H37



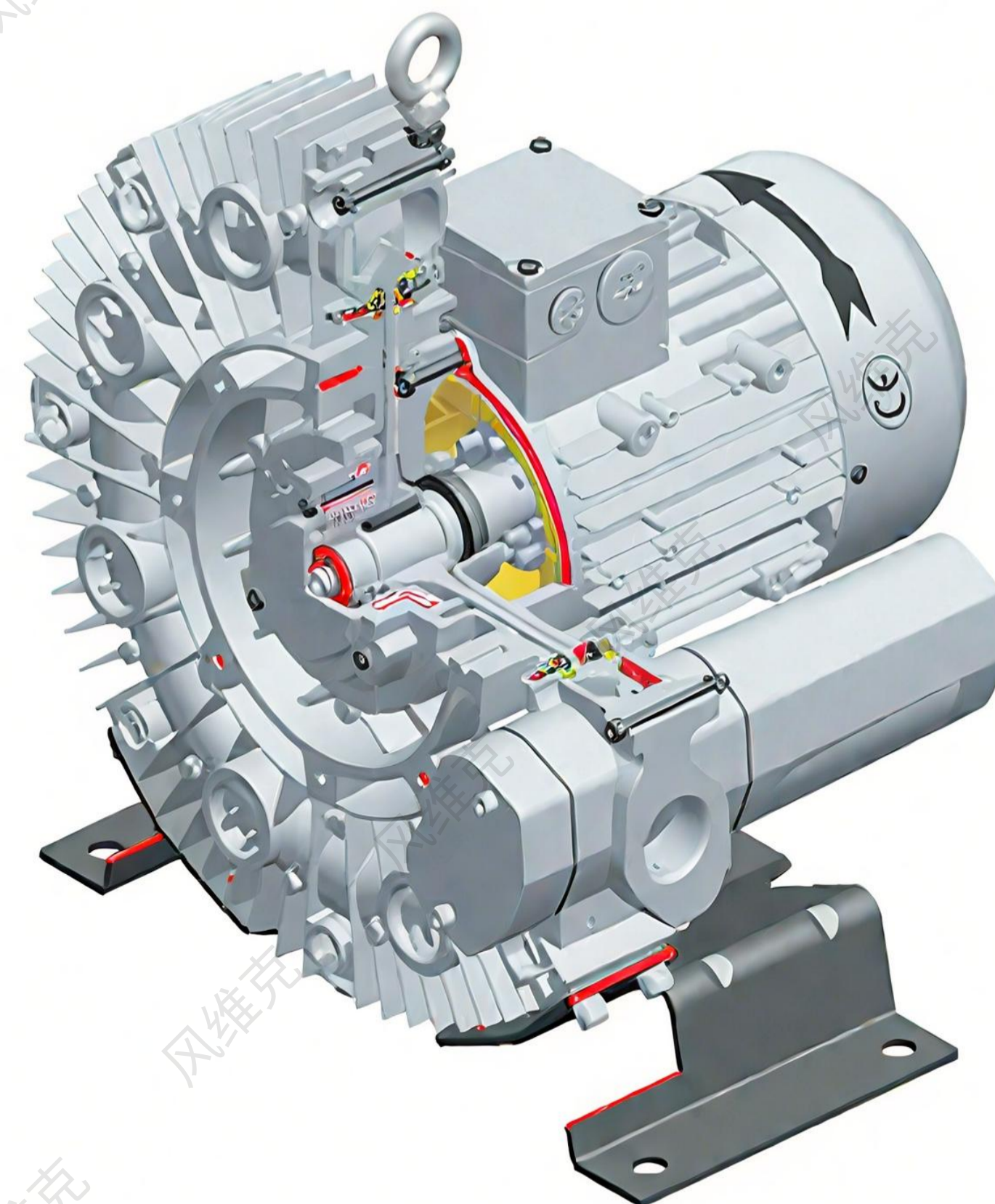
注1. FVK943-2H47

风维克®
Wind Vic

专业气环泵设计、制造商
Professional air pump design、manufacturer



4FVK系列



江苏风维克智能设备有限公司

JIANGSU FENGWEI INTELLIGENT EQUIPMENT CO., LTD

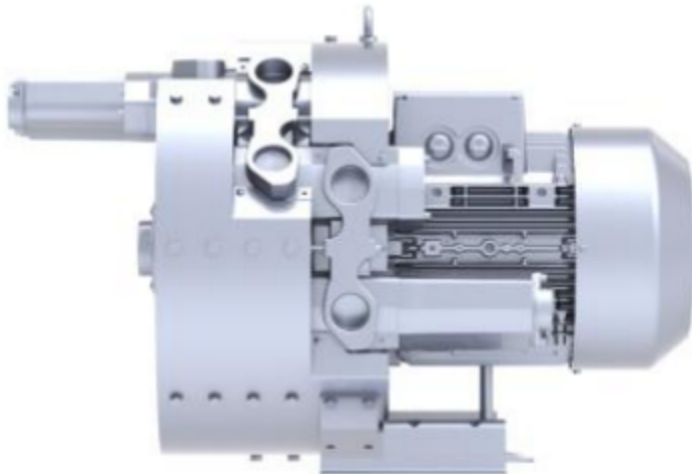
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中国 — 上海 — 江苏

4FVK 3AC 气环泵型号及性能参数表 (IP55 50/60 Hz)

4FVK 3AC Gas ring pump model and performance parameter table (IP55 50/60HZ)

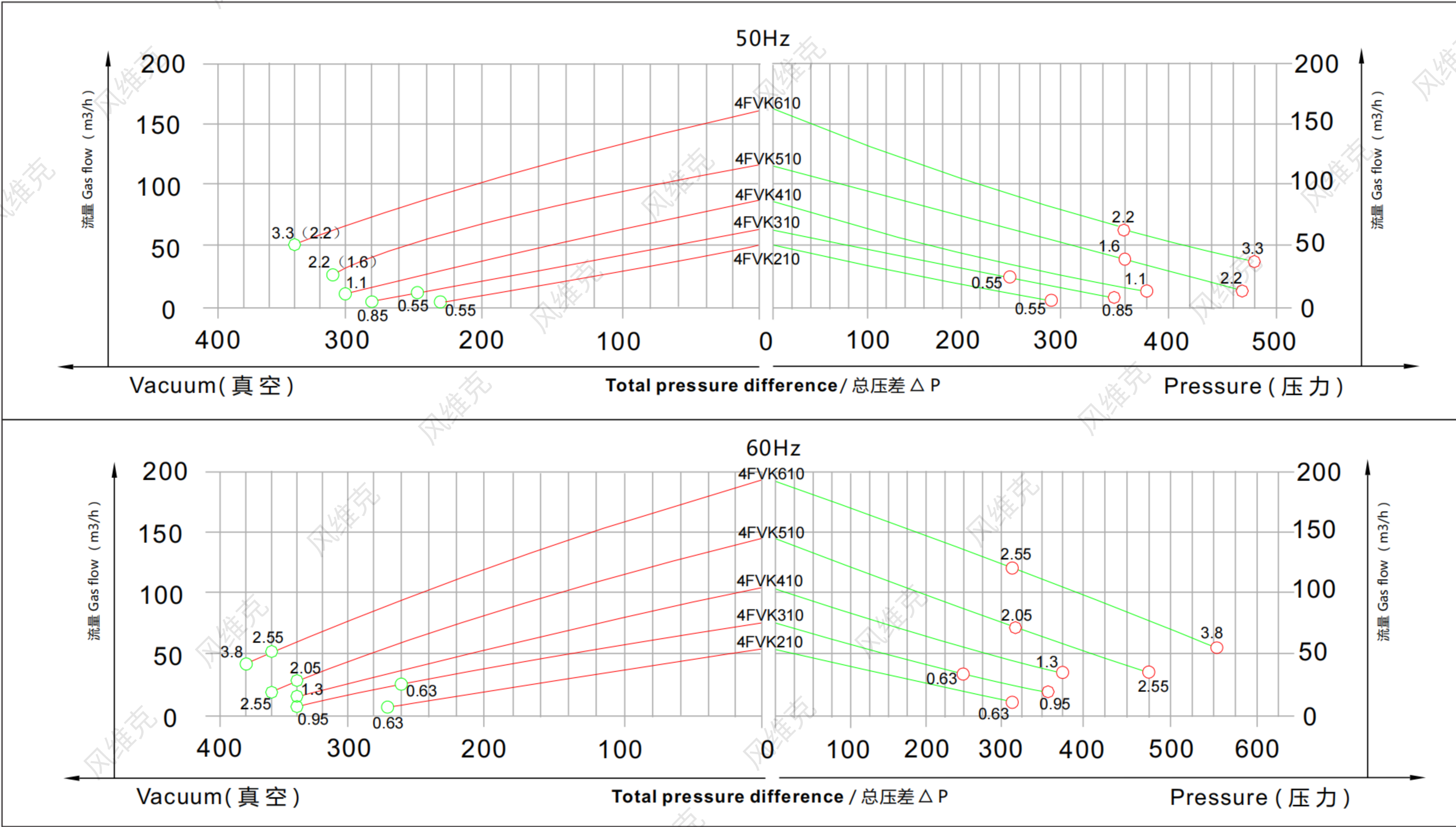


型号 (4FVK-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音 noises dB(A)	重量 Weight Kg
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress		
	double	HZ	KW	V		A	m3/h	mbar	mbar		
• 4FVK 210 H16	单	50	0.55	200-240△	345-415Y	2.8△/1.6Y	47	-230	290	58	16
		60	0.63	220-275△	380-480Y	3.0△/1.7Y	57	-270	320	62	
• 4FVK 310 H06	单	50	0.55	200-240△	345-415Y	2.8△/1.6Y	66	-250	250	58	17
		60	0.63	220-275△	380-480Y	3.0△/1.7Y	80	-260	250	62	
• 4FVK 310 H16	单	50	0.85	200-240△	345-415Y	4.0△/2.3Y	66	-280	350	59	18
		60	0.95	220-275△	380-480Y	4.0△/2.3Y	80	-340	360	63	
• 4FVK 410 H16	单	50	1.1	200-240△	345-415Y	5.4△/3.1Y	87	-300	380	59	23
		60	1.3	220-275△	380-480Y	5.4△/3.1Y	105	-340	370	63	
• 4FVK 510 H26	单	50	1.6	200-240△	345-415Y	7.5△/4.3Y	120	-310	360	64	26
		60	2.05	220-275△	380-480Y	7.6△/4.4Y	145	-340	320	68	
• 4FVK 510 H36	单	50	2.2	200-240△	345-415Y	11.4△/6.6Y	120	-310	470	64	29
		60	2.55	220-275△	380-480Y	11.2△/6.5Y	145	-360	480	68	
• 4FVK 610 H36	单	50	2.2	200-240△	345-415Y	11.4△/6.6Y	165	-340	360	65	32
		60	2.55	220-275△	380-480Y	11.2△/6.5Y	195	-360	320	71	
• 4FVK 610 H46	单	50	3.3	200-275△	345-415Y	13△/7.5Y	165	-340	480	65	35
		60	3.8	220-275△	380-480Y	14.2△/8.2Y	195	-380	530	71	

4FVK-3AC 真空压缩选型曲线

Vacuum compression type curve

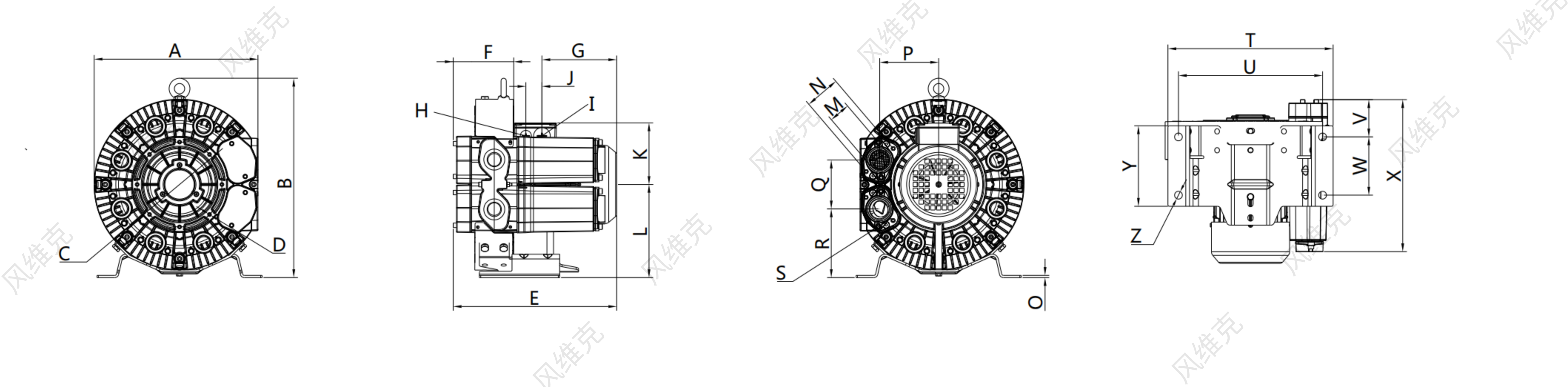
下面的性能曲线是在吸抽15°C空气，排气压力1013mbar的工况下测出的，允差±10%,吸入空气和环境温度不超过25°C时，即可达到图示总压差。
The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.103 mbar of ±10%.The total pressure differences are valid up to an intake and ambient of 25°C.





4FVK单级 安 装 尺 寸

4FVK Single stage mounting dimensions



型号 Model	相位	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Z	Y
4FVK 210 H16	3~	295	360	153	M6X15	293	107	135	M16X1.5	M32X1.5	29	111	168	G1 _{1/4}	64	4	107	88	124	M6X17	298	260	65	105	272	14	145
4FVK 310 H16	3~	313	378	153	M6X15	295	109	135	M16X1.5	M32X1.5	29	111	177	G1 _{1/4}	64	4	114	94	130	M6X17	325	290	67	105	276	14	145
4FVK 310 H26	3~	313	378	153	M6X15	319	109	159	M16X1.5	M32X1.5	29	120	177	G1 _{1/4}	64	4	114	94	130	M6X17	325	290	67	105	276	14	145
4FVK 410 H16	3~	346	416	167	M6X15	323	113	159	M16X1.5	M32X1.5	29	120	197	G1 _{1/4}	64	4	125	103	145	M6X17	350	315	70	130	282	14	167
4FVK 510 H16	3~	367	435	192	M8X15	363	112	191	M16X1.5	M32X1.5	29	128	206	G1 _{1/4}	64	4	138	114	148	M6X17	363	328	71	152	287	14	192
4FVK 510 H26	3~	367	435	192	M8X15	363	112	191	M16X1.5	M32X1.5	29	128	206	G1 _{1/4}	64	4	138	114	148	M6X17	363	328	71	152	287	14	192
4FVK 610 H16	3~	418	494	228	M8X15	364	124	191	M16X1.5	M32X1.5	29	128	236	G1 _{1/4}	64	4	153	126	172	M6X17	406	371	70	152	291	14	193
4FVK 610 H36	3~	418	494	228	M8X15	390	124	217	M16X1.5	M32X1.5	29	128	236	G1 _{1/4}	64	4	153	126	172	M6X17	406	371	70	152	291	14	193

4FVK 3AC 气环泵型号及性能参数表 (IP55 50/60 Hz)

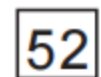
4FVK 3AC Gas ring pump model and performance parameter table (IP55 50/60HZ)



型号 (4FVK-3AC) Model	单级	马达额定参数 Motor rated parameters					最大	额定	额定	噪音 noises dB(A)	重量 Weight Kg
	双级	频率	功率	电压		电流	排吸流量	真空压力	压缩压力		
	single	frequency	power	voltage		current	Max airflow	rated Vacuum	rated compress		
	double	HZ	KW	V		A	m3/h	mbar	mbar		
• 4FVK 220 H26	双	50	0.85	200-240△	345-415Y	4△/2.3Y	47	-370	490	58	24
		60	0.95	220-275△	380-480Y	4△/2.3Y	60	-440	480	62	
• 4FVK 220 H56	双	50	1.6	200-240△	345-415Y	7.5△/4.3Y	47	-370	650	58	28
		60	2.05	220-275△	380-480Y	7.6△/4.4Y	60	-500	740	62	
• 4FVK 320 H46	双	50	1.3	200-240△	345-415Y	5.4△/3.1Y	65	-400	480	59	29
		60	1.5	220-275△	380-480Y	5.4△/3.1Y	76	-480	480	63	
• 4FVK 320 H56	双	50	1.6	200-240△	345-415Y	7.5△/4.3Y	65	-440	540	59	30
		60	2.05	220-275△	380-480Y	7.5△/4.4Y	76	-560	600	63	
• 4FVK 420 H26	双	50	1.6	200-240△	345-415Y	7.5△/4.3Y	87	-480	450	61	33
		60	2.05	220-275△	380-480Y	7.6△/4.4Y	105	-430	410	66	
• 4FVK 420 H56	双	50	3.3	200-240△	345-415Y	13△/7.5Y	87	-500	750	61	39
		60	3.8	220-275△	380-480Y	13.8△/8Y	105	-510	850	66	
• 4FVK 520 H26	双	50	2.2	200-240△	345-415Y	11.4△/6.6Y	120	-470	460	64	40
		60	2.55	220-275△	380-480Y	11.2△/6.5Y	145	-500	450	70	
• 4FVK 520 H27	双	50	4.3	345-415△		9.5△	120	-500	820	65	51
		60	4.8	380-480△		10△	145	-530	810	71	
• 4FVK 620 H36	双	50	3.3	200-275△	345-415Y	13△/7.5Y	165	-460	500	67	48
		60	3.8	220-275△	380-480Y	14.2△/8.2Y	195	-480	420	71	
• 4FVK 620 H57	双	50	5.5	345-415△		12△	165	-460	740	68	65
		60	6.3	380-480△		11.5△	195	-480	840	72	
• 4FVK 630 H67	双	50	7.5	345-415△		16△	170	-730	1040	72	86
		60	8.6	380-480△		16△	200	-700	1040	76	

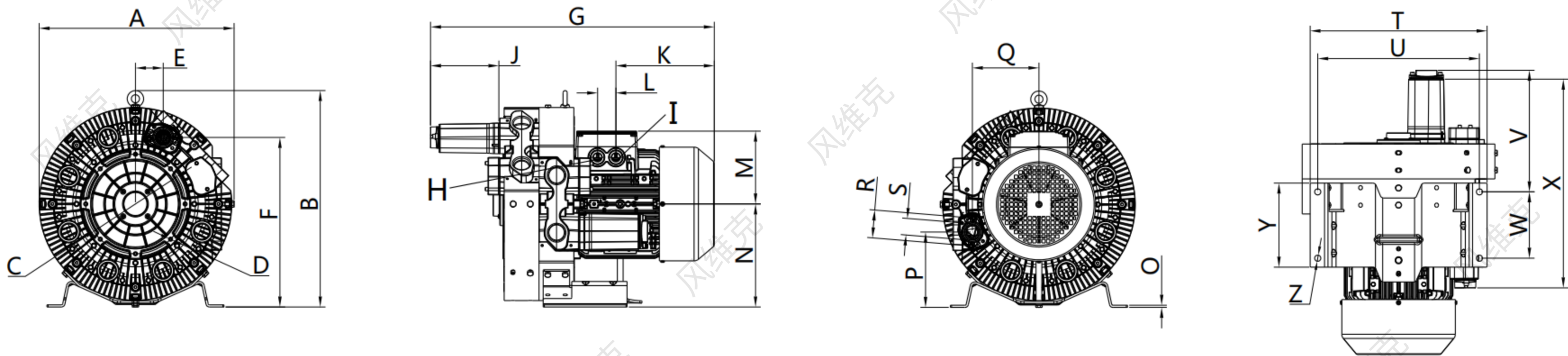
Vacuum compression type curve

The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.103 mbar of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient of 25°C.



4FVK双级 安 装 尺 寸

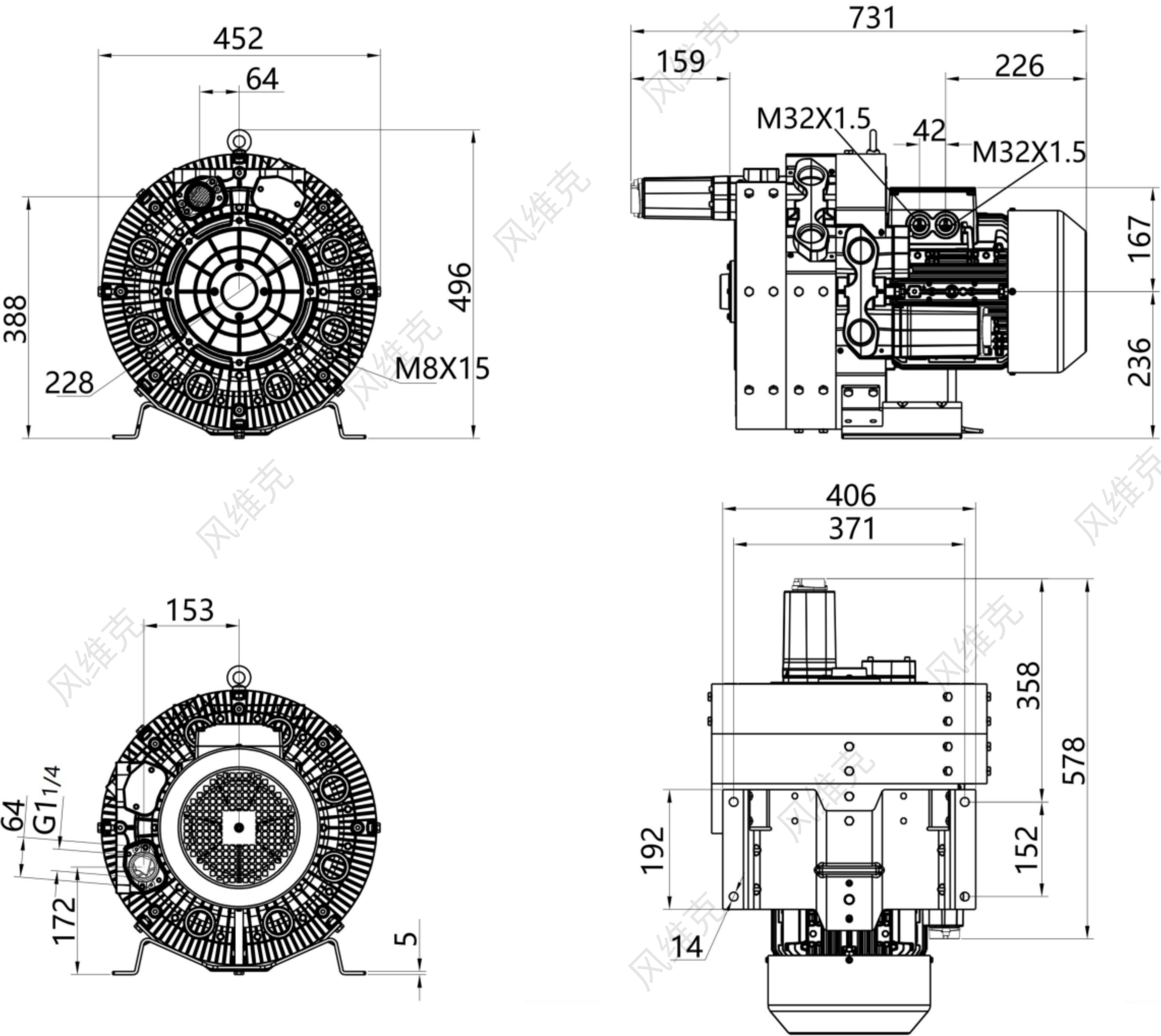
4FVK Double stage mounting dimensions

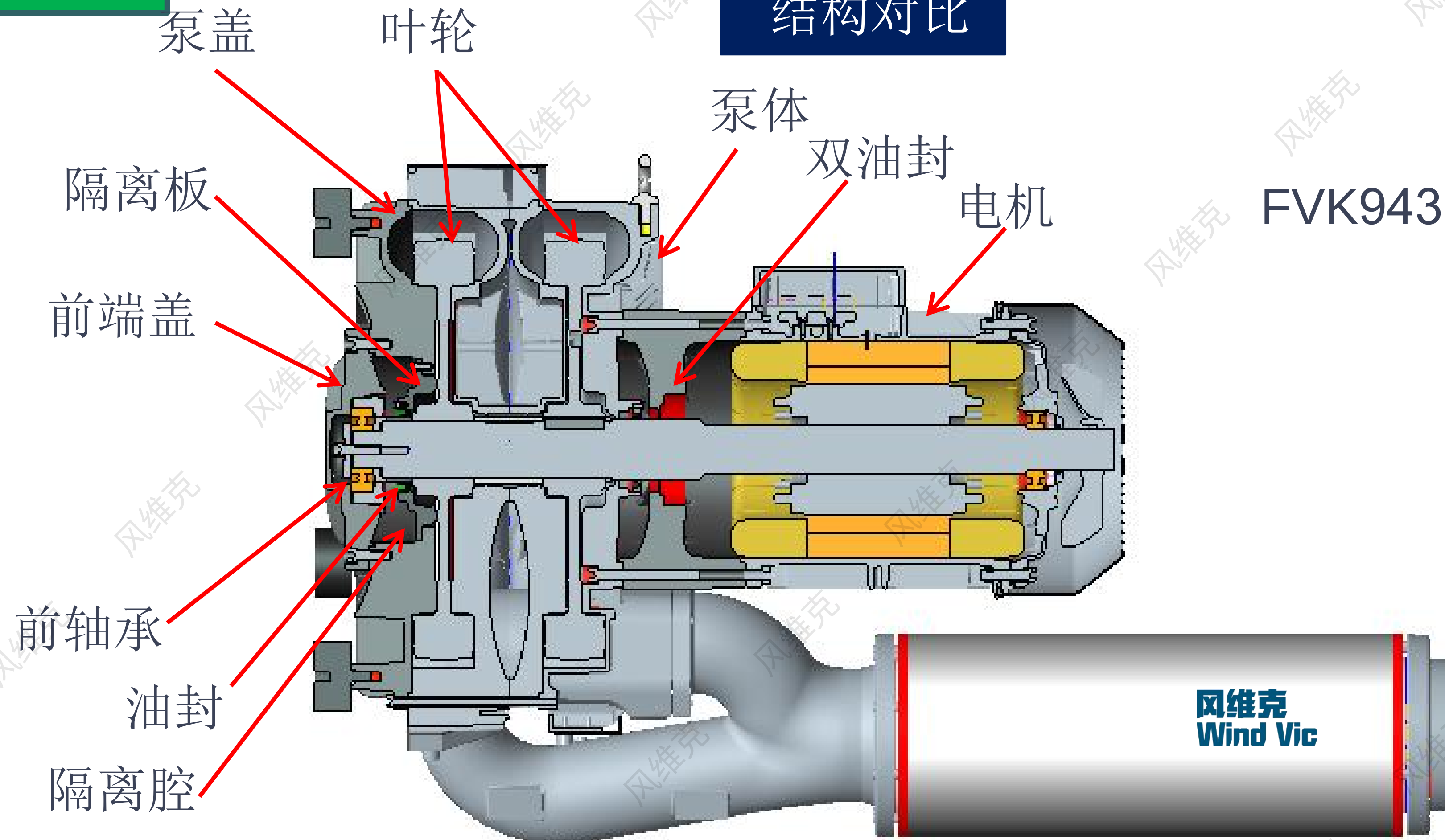


型号 Model	相位	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Z	Y
4FVK 220 H26	3~	313	360	153	M6X15	45	274	489	M16X1.5	M32X1.5	159	135	29	111	167	4	123	105	64	G1 ¹ / ₄	298	260	261	105	468	14	145
4FVK 220 H56	3~	313	360	153	M6X15	45	274	546	M16X1.5	M32X1.5	159	191	29	128	167	4	123	105	64	G1 ¹ / ₄	298	260	261	105	468	14	145
4FVK 330 H46	3~	333	380	153	M6X15	47	291	515	M16X1.5	M32X1.5	159	159	29	120	178	4	130	114	64	G1 ¹ / ₄	325	290	263	105	472	14	145
4FVK 320 H56	3~	333	380	153	M6X15	47	291	546	M16X1.5	M32X1.5	159	191	29	128	178	4	130	114	64	G1 ¹ / ₄	325	290	263	105	472	14	145
4FVK 420 H26	3~	346	416	167	M8X15	52	321	548	M16X1.5	M32X1.5	159	191	29	128	197	4	145	124	64	G1 ¹ / ₄	350	315	263	130	475	14	167
4FVK 420 H56	3~	346	416	167	M8X15	52	321	575	M16X1.5	M32X1.5	159	217	29	128	197	4	145	124	64	G1 ¹ / ₄	350	315	263	130	475	14	167
4FVK 520 H27	3~	387	435	192	M8X15	57	343	569	M16X1.5	M32X1.5	159	191	29	128	206	5	148	137	64	G1 ¹ / ₄	363	328	277	152	493	14	192
4FVK 520 H36	3~	387	435	192	M8X15	57	343	621	M32X1.5	M32X1.5	159	209	42	148	206	5	148	137	64	G1 ¹ / ₄	363	328	277	152	493	14	192
4FVK 620 H57	3~	447	495	228	M6X15	63	389	599	M32X1.5	M32X1.5	159	217	29	128	236	5	173	153	64	G1 ¹ / ₄	406	371	278	152	498	14	193
4FVK 620 H67	3~	447	495	228	M6X15	63	389	651	M32X1.5	M32X1.5	159	226	42	167	236	5	173	153	64	G1 ¹ / ₄	406	371	278	152	498	14	193

风维克®
Wind Vic

4FVK630-H67三级 安 装 尺 寸
4FVK630-H67 Three stage mounting dimensions





FVK943前置结构说明

设计要点

1. 泵腔内的轴承移到了泵盖外面，与压缩气体隔绝
2. 轴承与压缩腔之间通过隔离板隔离开来，隔离板上有油封，防止腐蚀性气体及异物进入轴承和热量传递给轴承。

优点：a. 轴承不会受到压缩气体产生的高温而温升变高，

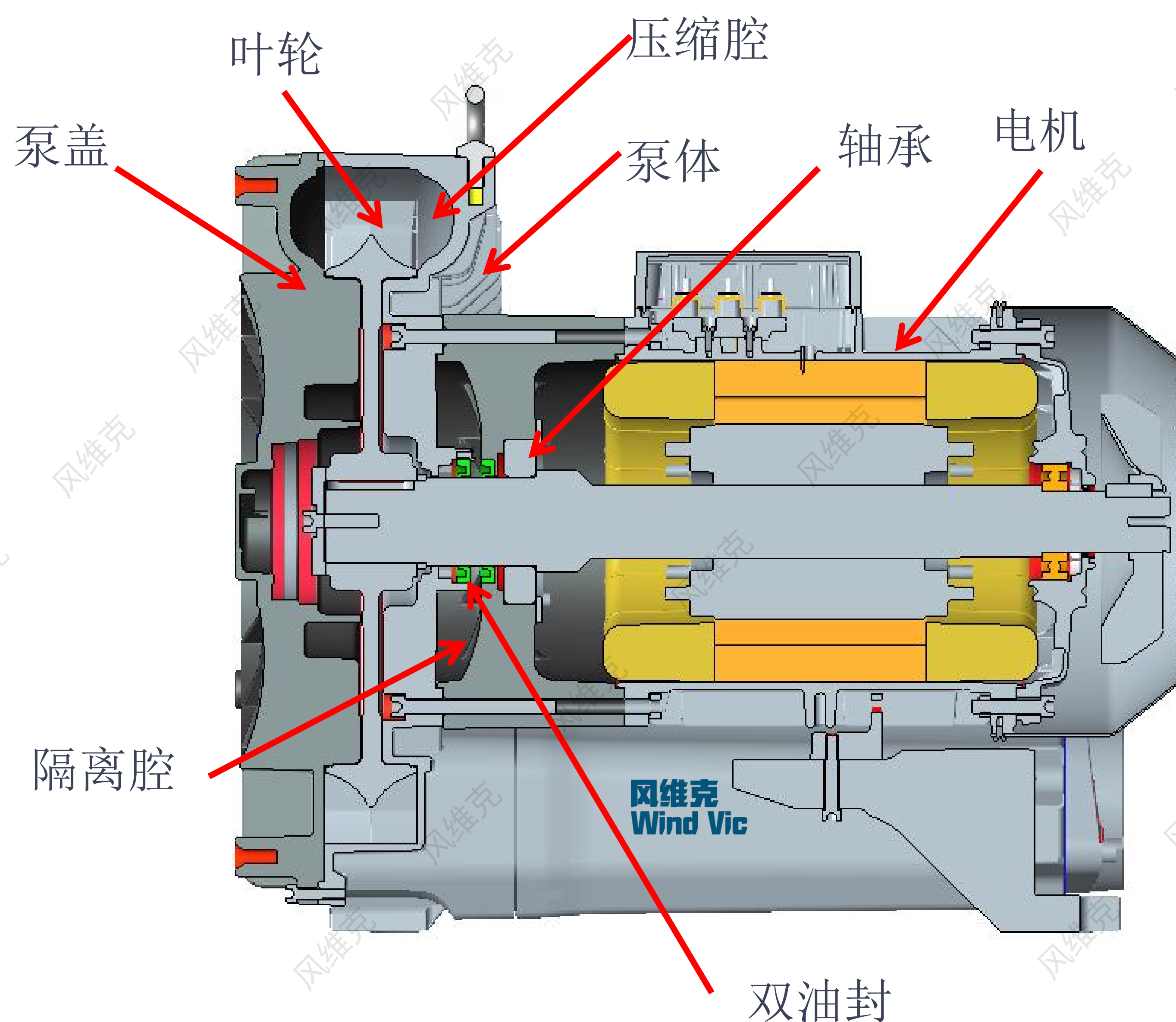
b. 轴承不会受到腐蚀性气体，杂质，和吸入的异物干扰，使轴承寿命提高。

c. 此款前置风机可运用在高温，腐蚀性气体，有粉尘，及潮湿气体等特殊行业比普通风机更耐用。

d. 此款风机更换前轴承时不需要拆开泵盖，只需取下泵盖前端的小盖端盖，方便更换轴承，维护简单、安全

e. 空腔处可开孔与空气对流，散热效果更好

中置新款



设计要点

1. 泵腔内的轴承移到了泵腔外面，与压缩气体隔绝
2. 轴承室与压缩腔之间有一个油封和一个独立隔热型腔，防止腐蚀性气体及异物进入轴承和热量传递给轴承。

优点：

- a. 轴承不会受到压缩气体产生的高温而温升变高，
- b. 轴承不会受到腐蚀性气体，杂质，和吸入的异物干扰，使轴承寿命提高。
- c. 此款中置风机可运用在高温，腐蚀性气体，有粉尘，及潮湿气体等特殊行业比普通风机更耐用。