



DEREIKE

Side channel blower

Looking for distributors all over the world~



东莞市德瑞科智能机电设备有限公司

DongGuan Dereike Intelligent M&E Equipment Co.,Ltd



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DEREIKE

关于我们

ABOUT US

德瑞科致力于高压风机的研发、设计，生产，销售为一体的综合企业，为客户提供定制化服务。德瑞科产品以卓越的品质及优质的服务赢得了广泛的行业客户的认可。目前，产品远销德国，意大利，西班牙，美国，加拿大，巴西等欧美国家，以及马来西亚，新加坡、印尼、越南、泰国，阿联酋等国家，和全球多家知名企业建立了战略合作伙伴关系！

德瑞科高压风机应用广泛，主要用于：环保水处理、中央集尘环境保护、自动上料机、液体灌装机、粉末灌装机、食品、包装、灌装、玻璃制品、切纸机、燃烧降氧机、卷机滤嘴成型机、木工机械、堆肥发酵、沼气管道、粉粒体输送机等多个行业。

德瑞科不仅是标准组件的供应商，我们还专门为客户问题寻找解决方案。我们设计和开发完整的系统和产品装置。德瑞科人以诚信务实，开拓创新、合作共赢的精神，与上下游合作伙伴，共同提升行业品质，建立严格的质量监督体系。持续研发高效、节能型产品，扩大高压风机在工业智能化4.0中的应用领域。

德瑞科产品的每一个部件，都是经过严密的检测，我们有德国进口三坐标检测仪，日本MAZAK车床自动化精密加工和铝合金铸机，动平衡检测仪，电机综合测试仪，风机综合性能测试系统测试，我们确保每一台风机出厂前都100%检测，使其与您的设备得到完美的品质保证！

“德行至尚，大道至简”德瑞科将为您提供最优质的产品和服务！

Dereike is committed to the R&D, design, production and sales of side channel blowers, which also providing customized services. With excellent quality and service, all Dereike products have won high reputations from a wide range of industry customers. At present, the Dereike products are exported to Europe and American countries, like Germany, Italy, Spain, USA, Canada, Brazil, also Malaysia, Singapore, Indonesia, Vietnam, Thailand, India, Russia, UAE., etc., and have established strategic partnerships with many well-known enterprises all over the world.

Dereike side channel blower are widely used in: water treatment, central dust collection and environmental protection, automatic feeders, liquid filling machines, powder filling machines, food, packaging, filling, glass products, paper cutters, combustion oxygen reduction machine, coil filter molding machine, woodworking machinery, compost fermentation, biogas delivery, powder and granule conveyor and other industries.

Dereike is not just a supplier of standard components, but also specialized in finding solution for customers problems as well. We design and develop complete systems and installations with our products. With the spirit of honesty, innovation, cooperation, the Dereike people work together with partners to improve the quality of the industry and establish a strict quality supervision system. Continuously R&D high-efficiency and energy-saving new products, and expand the application fields of side channel blower in industrial intelligence 4.0.

Each part of Dereike products is strict detected by Germany three coordinated detector, Japan MAZAK Lathe precision processing and aluminum alloy die-casting automatic machines. Dereike products also strictly following the comprehensive test instrument and impeller dynamic balance testing, motor performance test, and blower intact pipe system test, we ensure each blower 100% tested before shipment and perfect match your device~

“Virtue as priority, Avenue to Jane” Dereike will provide you with quality products and best services!



德瑞科文化

DEREIKE CULTURE

企业文化：

企业使命：缩减客户成本，提升服务附加价值！

企业愿景：成为一流的真空自动化解决方案供应商！

企业价值观：客户至上，简单高效，科技创新，追求卓越，团结一致！

企业格言：德行至尚，大道至简。

Company Culture:

Mission: Reduce customer costs and increase service added value!

Vision: To making us as first-class vacuum automation solution provider!

Values: Customer first, simple and efficient, technical innovation, pursuit of excellence, and team work!

Motto: "Virtue as priority, Avenue to Jane"

我们服务 SERVICE

15年多行业真空处理经验
More than 15 years of vacuum
industry experiences

德瑞科拥有众多行业成功案例，能够高效处理
各个行业真空处理需求，并且免费提供技术指
导；

Dereike has many success experiences that
can satisfy the vacuum processing needs in
various industries, and providing free
technical guide;

快捷售后处理，不拖货期

Fast after-sales processing,
no delay in delivery

德瑞科在全球设置各个服务网点，并且拥有众
多代理商，配置多条生产线，确保每个客户货
期不拖延。

Dereike has the service center and
distributors all around the world, strong
production line to satisfy the fast lead time
requirement.

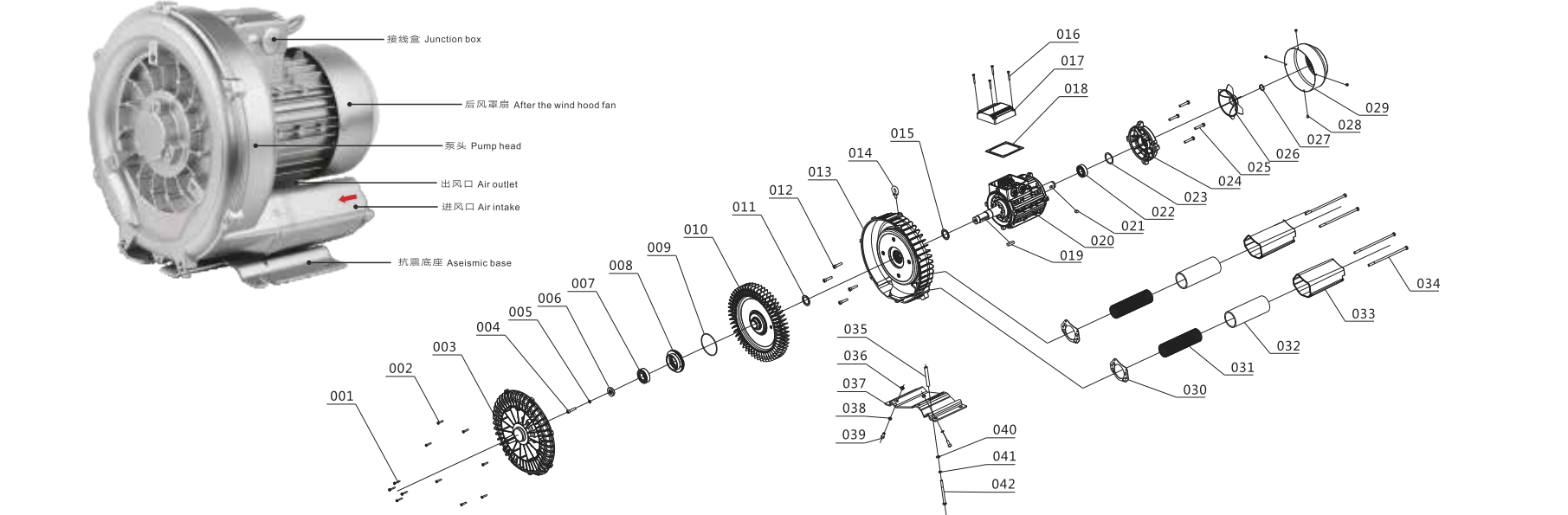
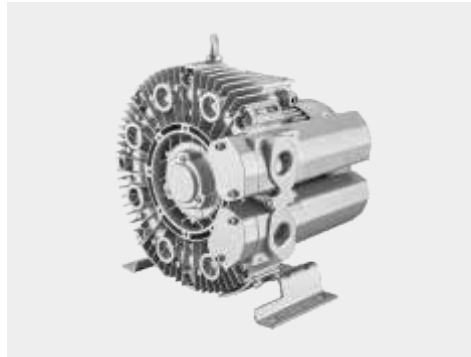


专业：技术人员经验丰富，专业知识扎实，精通产品及行业。
Professional: Excellent technical skills, and professional
knowledge on products and applications;

及时：快速响应，遇故障报修，24小时内提供解决方案；
In time: Respond quickly, in case of failure to repair, provide
solutions within 24 hours;

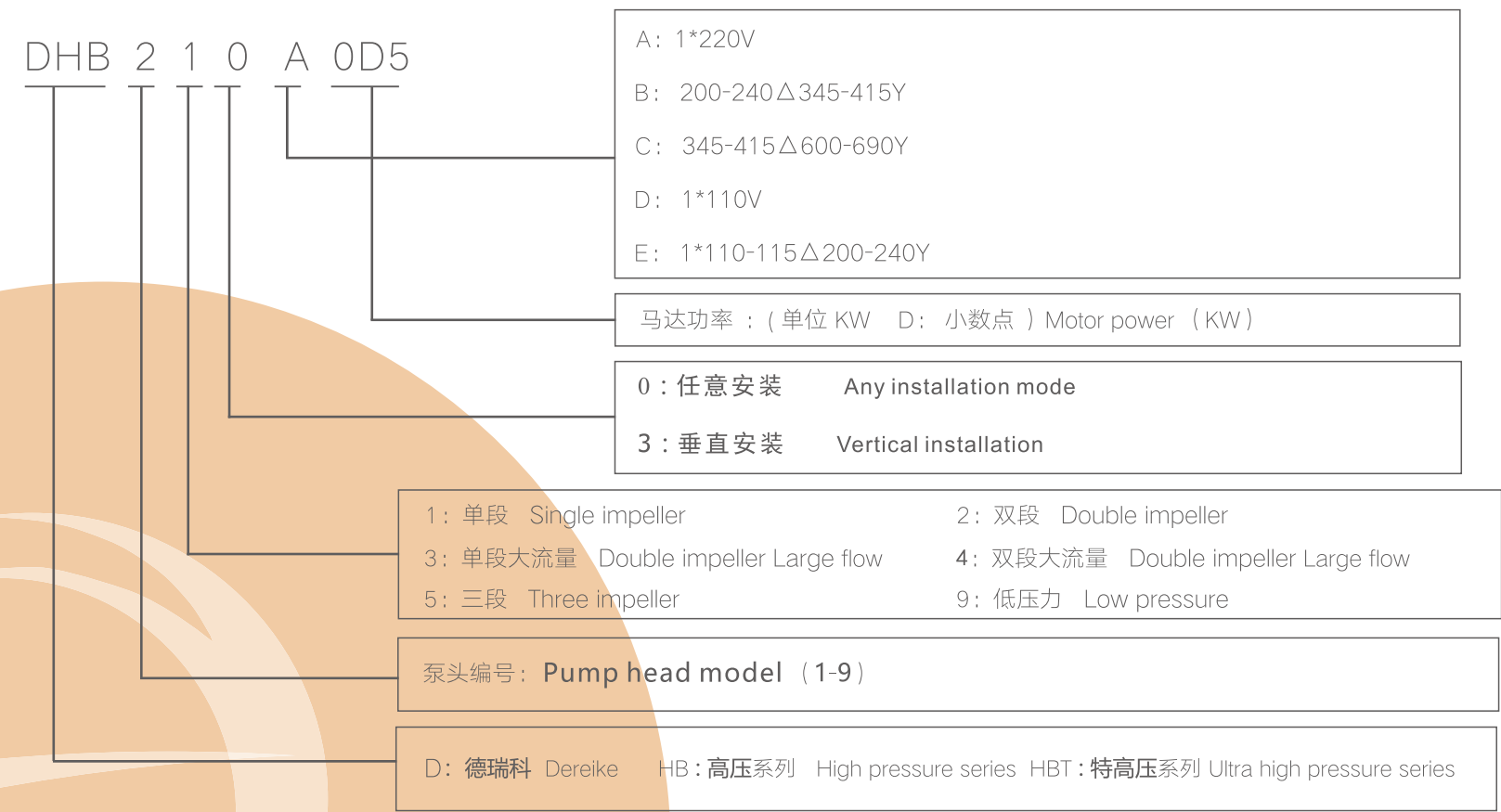
责任心：德瑞科承诺18个月免费保修，终身维护；
Responsibility: Dereike promises 18 months free warranty
time and a lifetime maintenance;

专业 (Profession) / 及时 (In time) / 责任心 (Responsibility)



编号	部件名称	编号	部件名称	编号	部件名称	编号	部件名称
Number	Part name	Number	Part name	Number	Part name	Number	Part name
001	泵盖中心螺丝 Screw	013	泵体 Pump casing	025	后盖螺丝 Screw	037	底板 Mounting plate
002	泵盖边丝 Screw	014	吊环 Hand ring	026	风叶 Fan	038	弹簧垫 Lock washer
003	泵盖 Pump cover	015	油封 Oil seal	027	卡簧 Circlip	039	底板螺丝 Screw
004	固定座螺丝 Screw	016	接线盒盖螺丝 Screw	028	风罩螺丝 Screw	040	底板平垫 Washer
005	固定座垫片 Gasket	017	接线盒盖 Terminal box cover	029	风罩 Fan cover	041	底板弹簧垫 Lock washer
006	固定座压板 Fix plate	018	接线盒盖皮垫 Leather gasket	030	消音筒纸垫 Paper pad	042	底板螺杆 Screw
007	轴承 Bearing	019	键销 Flat key	031	消音筒网片 Mesh enclosure		
008	轴承座 Bearing base	020	电机 Motor	032	消音筒海绵 Soundproof sponge		

型号说明 Model Introduction



同时，针对性的提供全系列的密封性风机，防爆风机，多动式风机以及其他特殊定制型风机；
Meantime, we are providing the full range of sealed blower, explosion proof blower, belt drive blower,and other special customized blowers;

● 绝对压力 Absolute pressure

绝对压力是以理想真空（绝压为零）为基准而得到的测量值。所以绝压是比参考值大 / Absolute pressure in vacuum (absolute pressure is zero) as the reference and the measured values obtained. So the pressure is greater than the reference value

● 表压 Gauge pressure

表压是指高于标准大气压力的测量值。即以标准大气为基准，因此实际测量值总是比基准值大/ Gauge pressure is that measurement is higher than the standard atmospheric pressure value. The standard atmosphere for reference, so the actual measured value is larger than the reference value

● 真空度 Vacuum degree

真空度是指低于标准大气压力的测量值。测量基准仍为标准大气压，所以实际测量值小 / Vacuum degree is a measurement of atmospheric pressure below standard. The measurement datum is still the standard of atmospheric pressure, so the actual measurement value is small.

● 换算表 Conversion table

风 量 Air Volume		
初始单位	换算因子	目标单位
The initial unit	Multiply by	Target unit
l/min	0. 06	m ³ /h
gal/min	0. 227	m ³ /h
ft ³ /min(cfm)	1. 699	m ³ /h
m ³ /h	16. 667	l/min
m ³ /h	4. 403	gal/min
m ³ /h	0. 588	ft ³ /min(cfm)

压 力 Pressure		
初始单位	换算因子	目标单位
The initial unit	Multiply by	Target unit
Pa	0.01	mbar
hpa	1.0	mbar
kpa	10.0	mbar
mmH2O(mmAq)	0.098	mbar
mH2O	98.07	mbar
at	980.7	mbar
inchH2O	2.491	mbar
PSIpdf/in2	68.948	mbar

产品优势

Product Advantage

- 100% 无油无水压缩，所有真空泵电机均为IP55防护等级，H级绝缘；
- 双频（50/60HZ）以及宽电压设计，能满足几乎全球所有地区的电压等级；
- 风机采用PROE,UG,CAD等电脑辅助设计软件和运动模拟仿真演示；
- 采用全密封深轴套滚珠轴承（SKF或者NSK），为自润滑，不需要添加额外的润滑剂，泵体可耐高温到180摄氏度；
- 性能稳定，曲线平稳，可连续运行高达20000小时以上；
- 风机泵体和电机侧面设计了散热片，由电机散热风扇提供冷却，确保风机的安全运行；
- 风机泵体以及叶轮采用高强度ADC12铝合金整体压铸成型，兼顾了机械强度，耐久性，低噪音，体积小，精致美观的特点；
- IE2/IE3 系列风机可选，更高效节能，成为各行各业的首选，尤其以环保行业为首；
- 100% Oil-free and Water-free, all pump motors are IP55 protection grade, Class H insulation;
- Dual-frequency(50/60HZ) and wide voltage design to meet voltage levels in almost all regions of the world;
- The product is designed by software such as PROE, UG, CAD and motion simulation demonstration;
- Adapted by full sealed deep-sleeve ball bearing (SKF or NSK), self-lubricating, no need to add extra lubricant, pump body can anti high-temperature to 180℃ ;
- Stable operating, smooth performance curve, which can working 20000hours continuously ;
- The heat sink design on the side of the pump body and the motor, and the cooling fan of the motor provides cooling to ensure the blower safely operation;
- The pump body and impeller are made of ADC12 aluminum alloy, which has the characteristics of strength, durability, low noise, smart size, and delicate appearance.
- IE2/IE3 series of blower are available, which is more efficient and energy-saving, it's the best choice in various of applications, especially the environmental protection industry;

高压风机工作原理

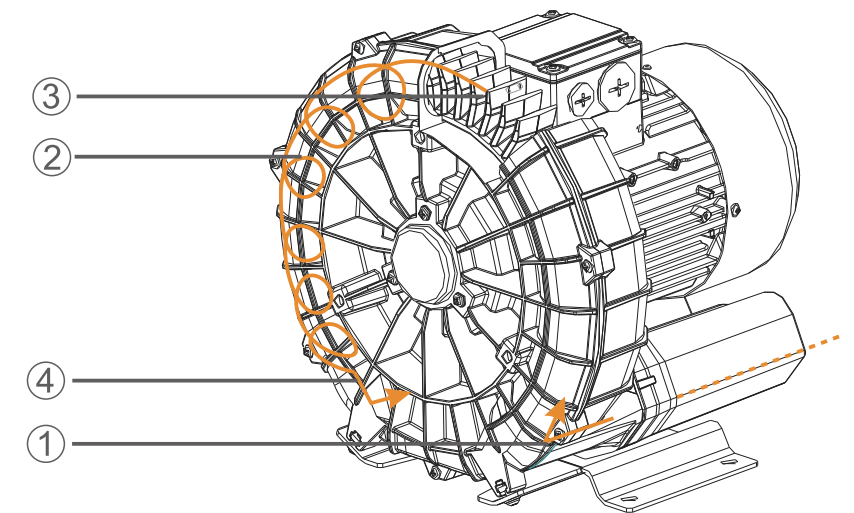
Side Channel Blower Working Principle

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，是完全地无接触压缩。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，使的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 it taken in though 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 increase. Every rotation adds kinetic energy. Resulting in the further increase of the pressure along the side channel. The side channel narrow at the rotor, sweeping the gas off the impeller blades and discharging it though the outlet silencer 4 where it exits the side channel blower.



DHB 1AC H系列/DHB 1AC H Series

漩涡式气泵在真空和压力操作的选型和订购参数。

Selection and ordering data for side channel blowers in vacuum and pressure operation.

单相电机

Single-phase current

型号 Order Model	马达 MOTOR				重量 weight	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHB 1AC	Frequency	额定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电压 voltage	电流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHB 210A D37	50	0.37	230	2.7	11	53	80	-110	110	DAF-10
	60	0.45	230	3.0		56	96	-130	140	RV-01
• DHB 230A D37	50	0.37	230	2.7	11	54	100	-110	110	DAF-10
	60	0.45	230	3.0		57	120	-130	140	RV-01
• DHB 310A D55	50	0.55	230	3.7	13	55	100	-120	120	DAF-10
	60	0.62	230	4.5		57	120	-130	150	RV-01
• DHB 310A D70	50	0.7	230	4.8	14	55	100	-150	150	DAF-10
	60	0.8	230	4.1		57	120	-150	160	RV-01
• DHB 320A 1D1	50	1.1	230	7.3	17	58	120	-240	280	DAF-10
	60	1.3	230	8.3		60	145	-230	260	RV-01
• DHB 330A D70	50	0.7	230	4.8	14	56	145	-100	100	DAF-10
	60	0.8	230	4.1		58	165	-110	100	RV-01
• DHB 410A D80	50	0.8	230	5.2	15	63	145	-150	160	DAF-12
	60	0.9	230	5.8		64	175	-160	140	RV-01
• DHB 410A 1D1	50	1.1	230	7.3	16	63	145	-150	190	DAF-12
	60	1.3	230	8.3		64	175	-180	190	RV-01
• DHB 420A 1D5	50	1.5	230	9	26	66	150	-280	290	DAF-12
	60	1.75	230	10		69	180	-250	280	RV-01
• DHB 430A D80	50	0.8	230	5.2	16	64	180	-100	110	DAF-12
	60	0.9	230	5.8		66	210	-100	110	RV-01
• DHB 430A 1D1	50	1.1	230	7.3	17	64	180	-150	140	DAF-12
	60	1.3	230	8.3		66	210	-140	130	RV-01
• DHB 510A 1D1	50	1.1	230	7.3	21	64	210	-160	160	DAF-16
	60	1.3	230	8.3		70	255	-150	160	RV-01
• DHB 510A 1D5	50	1.5	230	10.4	24	64	210	-190	200	DAF-16
	60	1.75	230	11.2		70	255	-180	180	RV-01
• DHB 530A 1D5	50	1.5	230	10.4	26	65	270	-150	140	DAF-16
	60	1.75	230	11.2		71	330	-120	110	RV-01
• DHB 710A 2D2	50	2.2	230	12.8	30	72	318	-190	190	DAF-16
	60	2.55	230	12.8		74	376	-190	200	RV-01



DHB Series Selection diagram 50/60Hz 1AC

DHB系列 50/60Hz 选型图表 1AC

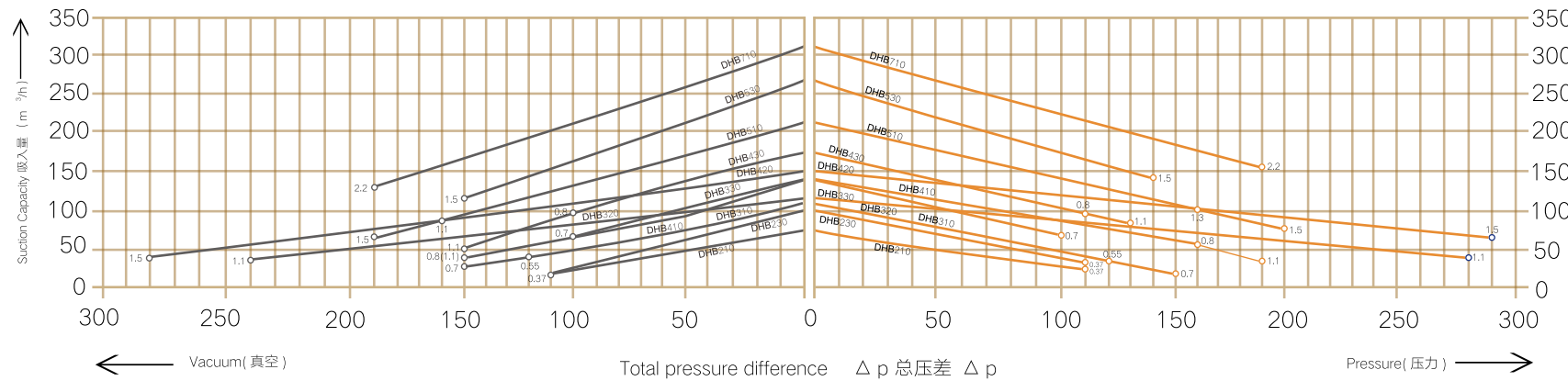


下面的压力-流量性能曲线是在抽吸15°C空气，排气压力1013mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25°C时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

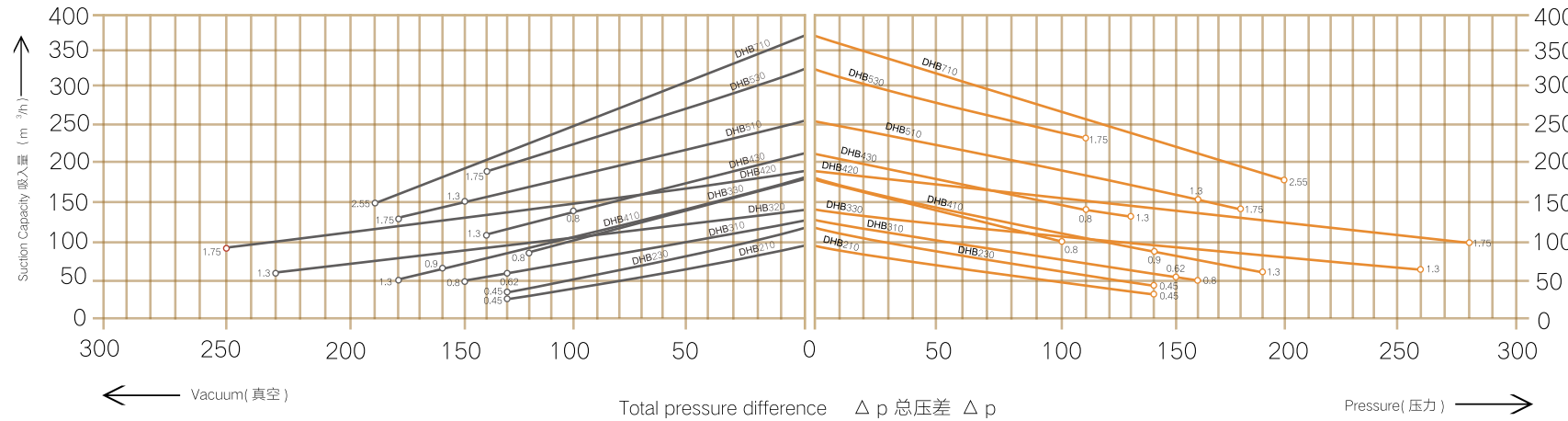
Vacuum Selection diagram 50HZ——真空选型图表 50HZ

Compressor Selection Diagram 50HZ——压缩选型图表 50HZ



Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz——压缩选型图表 60Hz





DHB 1AC H系列/DHB 1AC H Series

漩涡式气泵在真空和压力操作的选型和订购参数。

Selection and ordering data for side channel blowers in vacuum and pressure operation.

单相电机

Single-phase current

型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air filter
DHB 1AC	Frequency	额定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电压 voltage	电流 current						
	HZ	KW	V	A	KG	DB(A)	m³/h	mbar	mbar	
DHB 210E D37	50	0.37	115/230	5.4/2.7	11	53	80	-110	110	DAF-10
	60	0.45	115/230	6.0/3.0		56	96	-130	140	RV-01
DHB 230E D37	50	0.37	115/230	5.4/2.7	11	54	101	-110	110	DAF-10
	60	0.45	115/230	6.0/3.0		57	121	-130	140	RV-01
DHB 410E 1D1	50	1.1	115/230	14.6/7.3	16	63	148	-180	190	DAF-12
	60	1.3	115/230	16.6/8.3		64	190	-180	190	RV-01
DHB 420E 1D5	50	1.5	115/230	22/11	27	66	150	-250	260	DAF-12
	60	1.75	115/230	24/12		69	190	-250	270	RV-01
DHB 430E 1D1	50	1.1	115/230	14.6/7.3	16	64	180	-170	170	DAF-12
	60	1.3	115/230	16.6/8.3		65	212	-180	180	RV-01
DHB 490E 1D1	50	1.1	115/230	14.6/7.3	17	63	142	-110	120	DAF-12
	60	1.3	115/230	16.6/8.3		64	172	-140	140	RV-01
DHB 510E 1D5	50	1.5	115/230	22/11	26	64	210	-190	200	DAF-16
	60	1.75	115/230	24/12		70	255	-180	180	RV-01
DHB 530E 1D5	50	1.5	115/230	22/11	26	65	270	-150	140	DAF-16
	60	1.75	115/230	24/12		71	325	-120	110	RV-01



DHB Series Selection diagram 50/60Hz 1AC

DHB系列 50/60Hz 选型图表 1AC

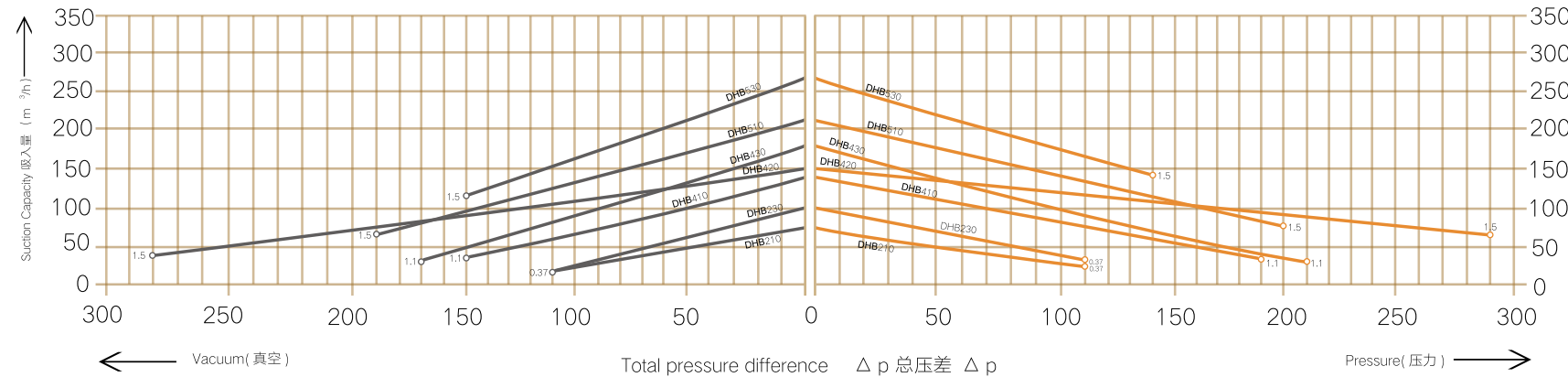


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013 mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

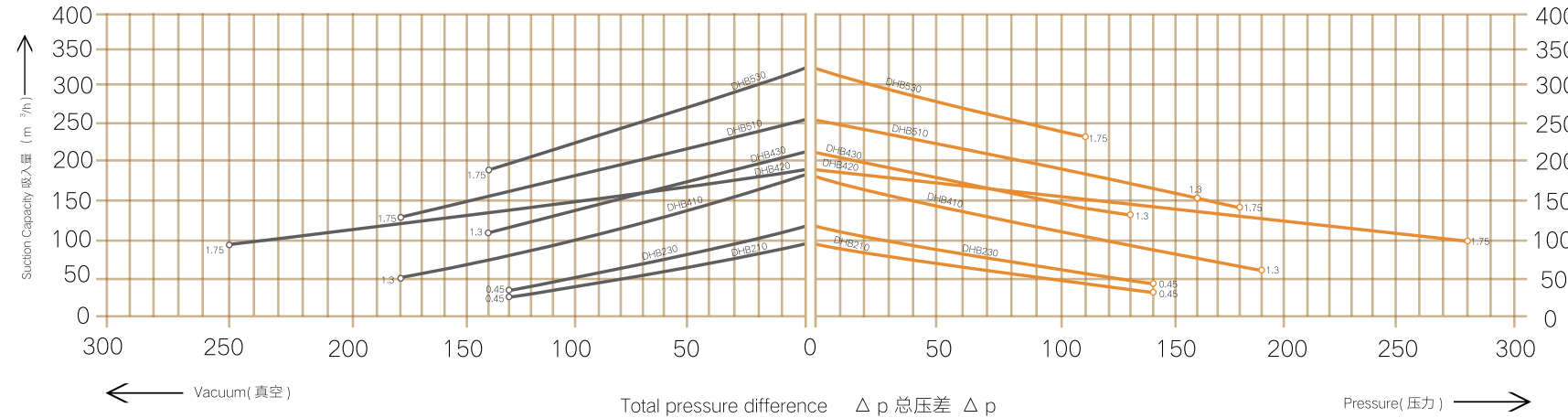
Vacuum Selection diagram 50Hz——真空选型图表 50Hz

Compressor Selection Diagram 50Hz——压缩选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz——压缩选型图表 60Hz





DHB2 3AC H系列 / DHB2 3AC H Series

漩涡式气泵在真空和压力操作的选型和订购参数。

Selection and ordering data for side channel blowers in vacuum and pressure operation.

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHB2 3AC	Frequency	额定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电压 voltage	电流 current						
	HZ	KW	V	A	KG	DB(A)	m³/h	mbar	mbar	
• DHB 210B D25	50	0.25	200-240 Δ /345-415	2.1 Δ /1.2Y	9	53	80	-100	110	DAF-10
	60	0.29	220-275 Δ /380-480	2.0 Δ /1.15Y		56	98	-110	110	RV-01
• DHB 210B D40	50	0.4	200-240 Δ /345-415	2.6 Δ /1.5Y	10	53	80	-120	130	DAF-10
	60	0.5	220-275 Δ /380-480	2.6 Δ /1.5Y		56	98	-150	160	RV-01
• DHB 220B D70	50	0.7	200-240 Δ /345-415	3.8 Δ /2.2Y	15	55	85	-210	240	DAF-10
	60	0.83	220-275 Δ /380-480	3.75 Δ /2.15Y		61	102	-250	250	RV-01
• DHB 230B D25	50	0.25	200-240 Δ /345-415	2.1 Δ /1.2Y	10	54	105	-80	70	DAF-10
	60	0.29	220-275 Δ /380-480	1.7 Δ /1.0Y		57	120	-90	80	RV-01
• DHB 230B D40	50	0.4	200-240 Δ /345-415	2.6 Δ /1.5Y	11	54	105	-120	130	DAF-10
	60	0.5	220-275 Δ /380-480	2.6 Δ /1.5Y		57	120	-150	160	RV-01
• DHB 230B D70	50	0.7	200-240 Δ /345-415	3.8 Δ /2.2Y	12	54	105	-120	140	DAF-10
	60	0.83	220-275 Δ /380-480	3.8 Δ /2.2Y		57	120	-160	180	RV-01



DHB2 Series Selection diagram 50/60Hz 3AC

DHB2系列 50/60Hz 选型图表 3AC

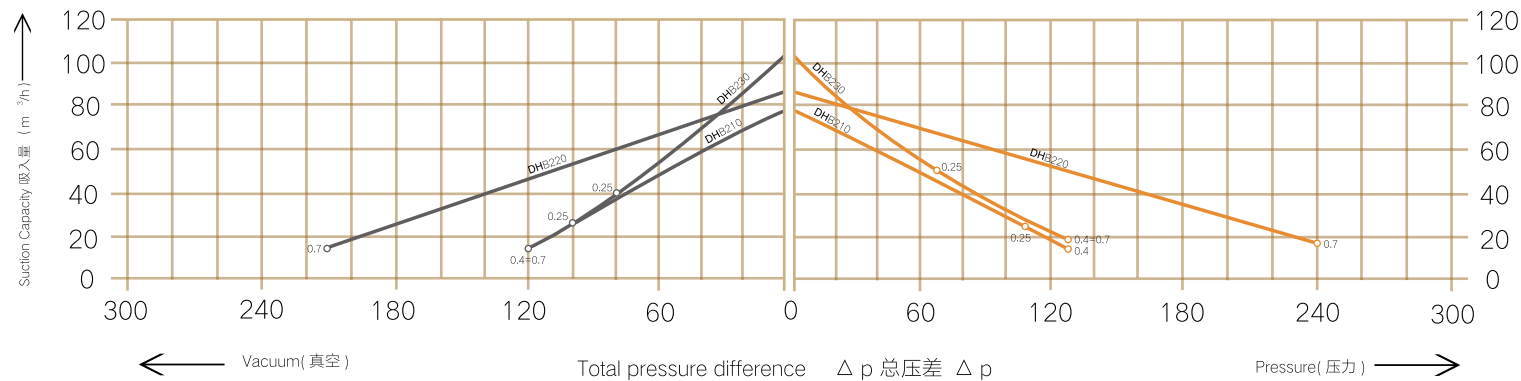


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ±10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

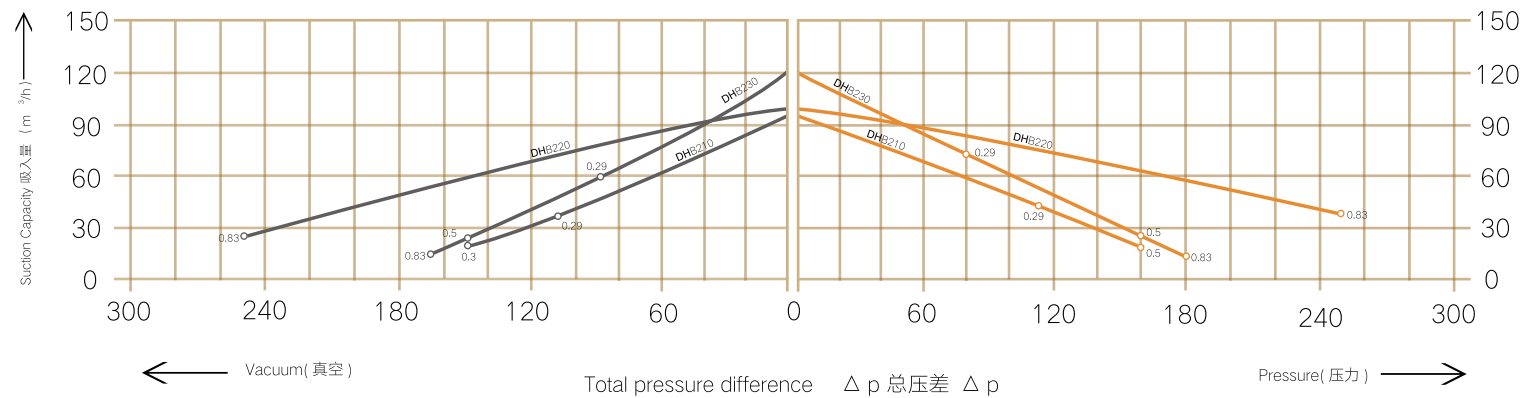
Vacuum Selection diagram 50Hz——真空选型图表 50Hz

Compressor Selection Diagram 50Hz——压缩选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz——压缩选型图表 60Hz





DHB3 3AC H系列 / DHB3 3AC H Series

漩涡式气泵在真空和压力操作的选型和订购参数。

Selection and ordering data for side channel blowers in vacuum and pressure operation.

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHB3 3AC	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHB 310B D55	50	0.55	200-240 △ /345-415	2.8 △ /1.6Y	11	55	100	-110	120	DAF-10
	60	0.63	220-275 △ /380-480	3.0 △ /1.7Y		57	120	-110	120	RV-01
• DHB 310B 070	50	0.7	200-240 △ /345-415	3.8 △ /2.2Y	12	55	100	-150	150	DAF-10
	60	0.83	220-275 △ /380-480	3.8 △ /2.2Y		57	120	-150	140	RV-01
• DHB 320B D85	50	0.85	200-240 △ /345-415	4.2 △ /2.4Y	17	58	110	-200	230	DAF-10
	60	0.95	220-275 △ /380-480	4.0 △ /2.3Y		60	130	-240	240	RV-01
• DHB 320B 1D3	50	1.3	200-240 △ /345-415	5.7 △ /3.3Y	18	58	110	-280	290	DAF-10
	60	1.5	220-275 △ /380-480	6.0 △ /3.5Y		60	130	-300	400	RV-01
• DHB 330B D55	50	0.55	200-240 △ /345-415	2.8 △ /1.6Y	12	56	140	-60	60	DAF-10
	60	0.63	220-275 △ /380-480	3.0 △ /1.7Y		58	165	-50	50	RV-01



DHB3 Series Selection diagram 50/60Hz 3AC

DHB3 系列 50/60Hz 选型图表 3AC

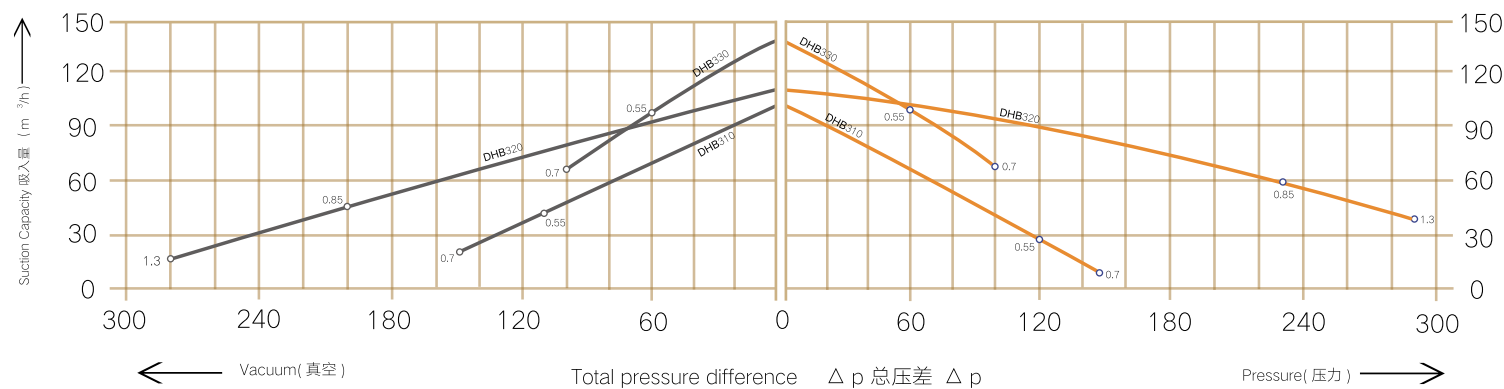


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013 mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

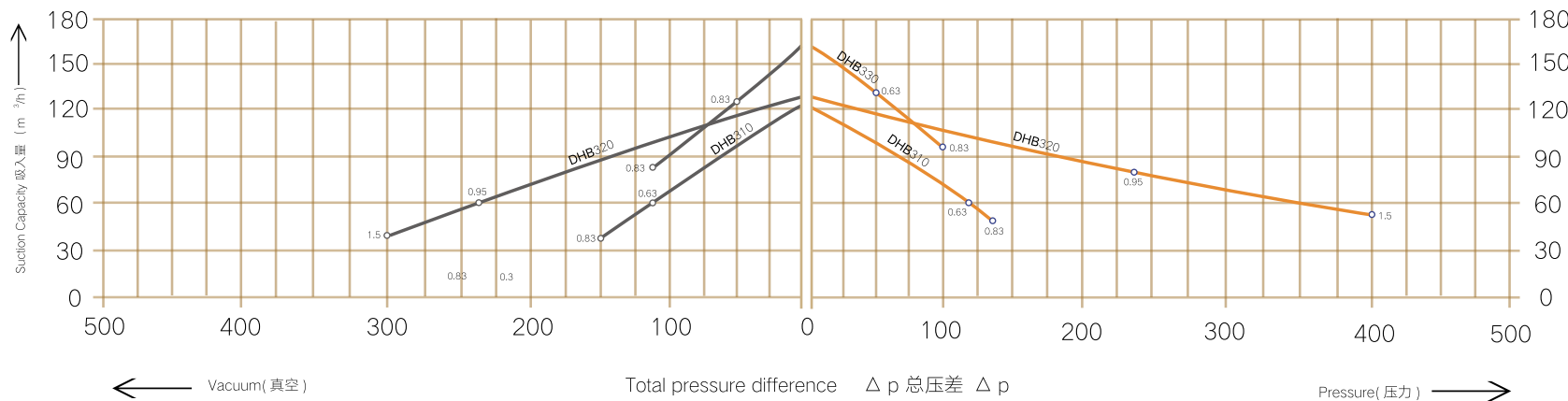
Vacuum Selection diagram 50Hz——真空选型图表 50Hz

Compressor Selection Diagram 50Hz——压缩选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz——压缩选型图表 60Hz





DHB4 3AC H系列 / DHB4 3AC H Series

漩涡式气泵在真空和压力操作的选型和订购参数。
 Selection and ordering data for side channel blowers in vacuum and pressure operation.

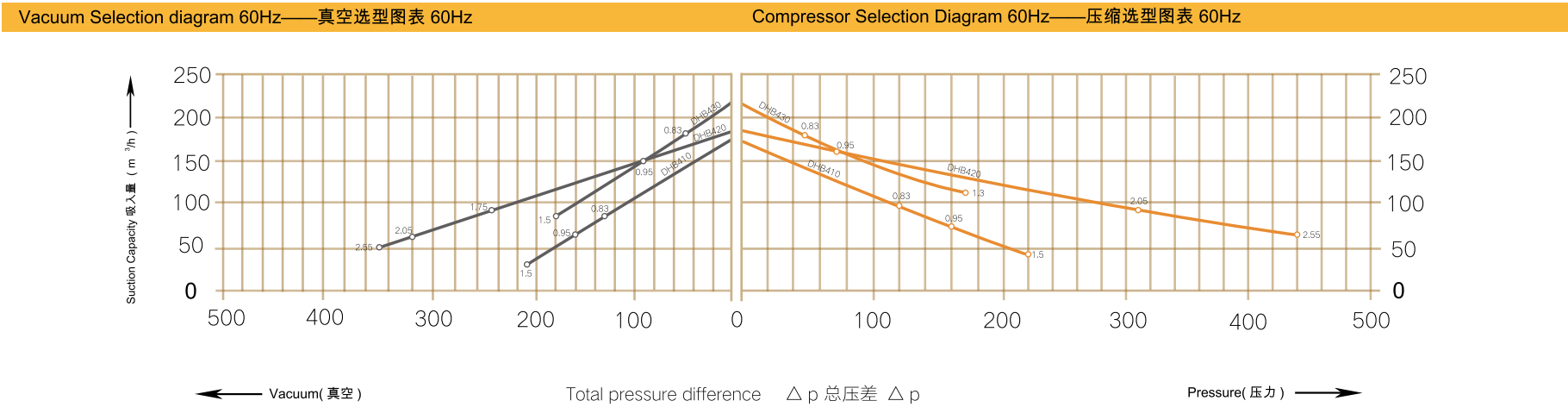
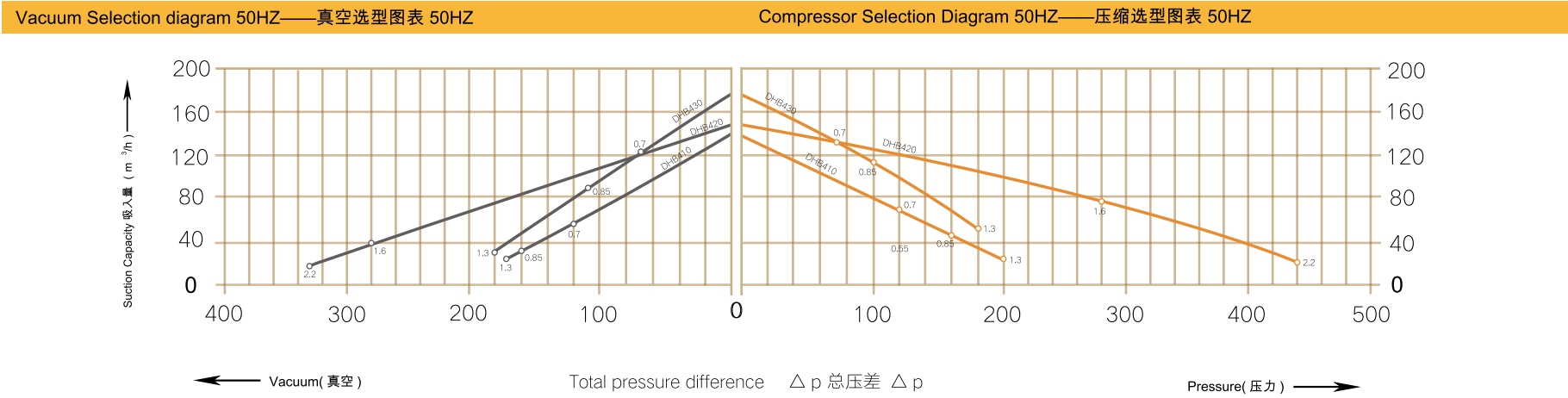
订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHB4 3AC	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHB 410B D70	50	0.7	200-240 △ /345-415	3.8 △ /2.2Y	13	63	145	-120	120	DAF-12
	60	0.83	220-275 △ /380-480	3.75 △ /2.15Y		64	175	-140	140	RV-01
• DHB 410B D85	50	0.85	200-240 △ /345-415	4.0 △ /2.3Y	16	63	145	-160	160	DAF-12
	60	0.95	220-275 △ /380-480	3.85 △ /2.25Y		64	175	-160	160	RV-01
• DHB 410B 1D3	50	1.3	200-240 △ /345-415	5.7 △ /3.3Y	17	63	145	-170	200	DAF-12
	60	1.5	220-275 △ /380-480	6.0 △ /3.5Y		64	175	-210	220	RV-01
• DHB 420B 1D6	50	1.6	200-240 △ /345-415	7.5 △ /4.3Y	25	66	150	-280	280	DAF-12
	60	2.05	220-275 △ /380-480	7.6 △ /4.4Y		69	180	-320	310	RV-02
• DHB 420B 2D2	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	27	66	150	-330	420	DAF-12
	60	2.55	220-275 △ /380-480	10.0 △ /5.8Y		69	180	-350	440	RV-01
• DHB 430B D70	50	0.7	200-240 △ /345-415	3.8 △ /2.2Y	14	64	180	-70	70	DAF-12
	60	0.83	220-275 △ /380-480	3.8 △ /2.2Y		65	210	-50	50	RV-01
• DHB 430B D85	50	0.85	200-240 △ /345-415	4.2 △ /2.4Y	17	64	180	-110	100	DAF-12
	60	0.95	220-275 △ /380-480	4.0 △ /2.3Y		65	210	-90	70	RV-01



DHB4 Series Selection diagram 50/60Hz 3AC DHB4 系列 50/60Hz 选型图表 3AC



下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013 mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。
 The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.





DHB5 3AC H系列 / DHB5 3AC Series

漩涡式气泵在真空和压力操作的选型和订购参数。

Selection and ordering data for side channel blowers in vacuum and pressure operation.

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHB5 3AC	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHB 510B D85	50	0.85	200-240 △ /345-415	4.0 △ /2.3Y	20	64	210	-110	100	DAF-16
	60	0.95	220-275 △ /380-480	4.2 △ /2.3Y		70	255	-80	70	RV-01
• DHB 510B 1D3	50	1.3	200-240 △ /345-415	6.6 △ /3.8Y	22	64	210	-170	170	DAF-16
	60	1.5	220-275 △ /380-480	6.9 △ /4.0Y		70	255	-150	140	RV-01
• DHB 510B 1D6	50	1.6	200-240 △ /345-415	7.5 △ /4.3Y	23	64	210	-200	190	DAF-16
	60	2.05	220-275 △ /380-480	7.6 △ /4.4Y		70	255	-220	210	RV-01
• DHB 510B 2D2	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	25	64	210	-220	270	DAF-16
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		70	255	-260	290	RV-01
• DHB 520B 003	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	40	72	230	-340	410	DAF-16
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		74	275	-380	360	RV-02
• DHB 520B 004	50	4.0	345-415 △ /600-720	10.0 △ /5.8Y	41	72	230	-390	440	DAF-16
	60	4.6	380-480 △ /660-720	9.9 △ /5.71Y		74	275	-410	480	RV-02
• DHB 530B D85	50	0.85	200-240 △ /345-415	4.0 △ /2.3Y	21	65	270	-40	40	DAF-16
	60	0.95	220-275 △ /380-480	4.2 △ /2.4Y		71	330	-40	40	RV-01
• DHB 530B 1D3	50	1.3	200-240 △ /345-415	6.6 △ /3.8Y	23	65	270	-120	110	DAF-16
	60	1.5	220-275 △ /380-480	6.9 △ /4.0Y		71	330	-90	80	RV-01
• DHB 530B 1D6	50	1.6	200-240 △ /345-415	7.5 △ /4.3Y	24	65	270	-160	150	DAF-16
	60	2.05	220-275 △ /380-480	7.6 △ /4.4Y		71	330	-160	150	RV-01
• DHB 530B 2D2	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	26	65	270	-220	230	DAF-16
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		71	330	-260	250	RV-01



DHB5 Series Selection diagram 50/60Hz 3AC

DHB5 系列 50/60Hz 选型图表 3AC

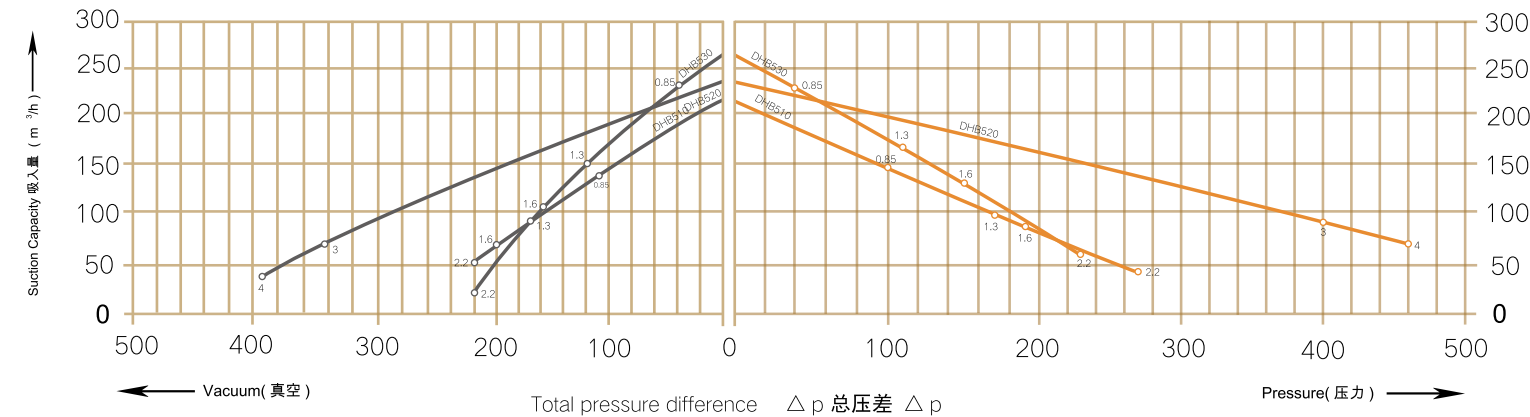


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013mbar 工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

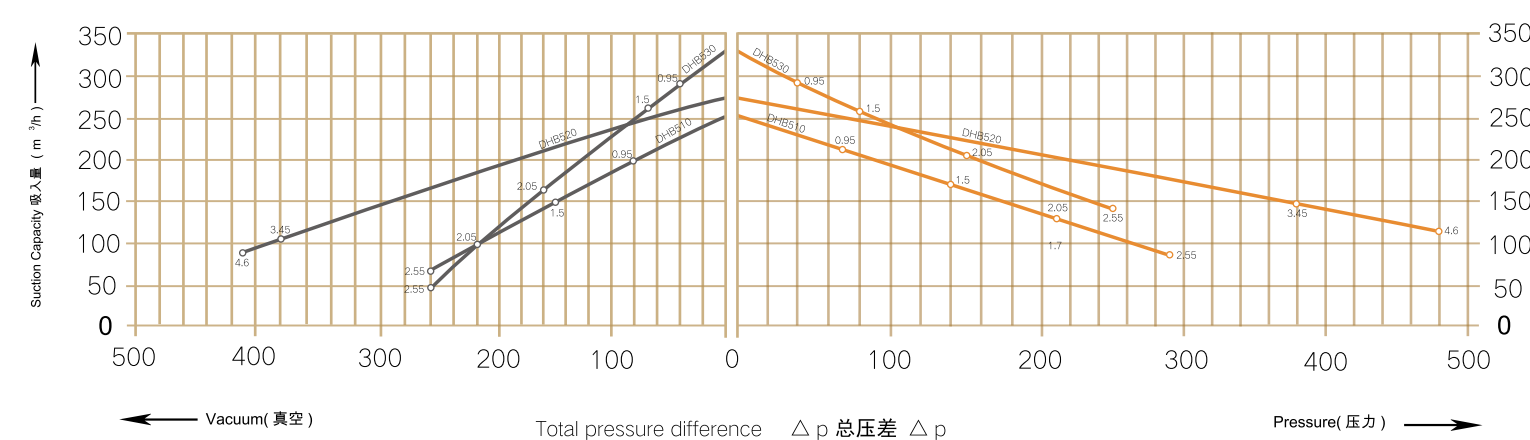
Vacuum Selection diagram 50Hz——真空选型图表 50Hz

Compressor Selection Diagram 50Hz——压缩选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz——压缩选型图表 60Hz





DHB6 3AC H系列 / DHB6 3AC H Series

漩涡式气泵在真空和压力操作的选型和订购参数。

Selection and ordering data for side channel blowers in vacuum and pressure operation.

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
2RB6 3AC	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHB 610B 1D6	50	1.6	200-240 △ /345-415	8.5 △ /4.9Y	25	68	265	-170	180	DAF-16
	60	2.05	220-275 △ /380-480	8.8 △ /5.1Y		70	315	-180	190	RV-01
• DHB 610B 2D2	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	28	69	265	-235	220	DAF-16
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		72	315	-245	230	RV-01
• DHB 610B 003	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	34	69	265	-280	280	DAF-16
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		72	315	-260	270	RV-01
• DHB 630B 1D6	50	1.6	200-240 △ /345-415	8.5 △ /4.9Y	26	70	345	-125	125	DAF-16
	60	2.05	220-275 △ /380-480	8.8 △ /5.1Y		73	415	-105	130	RV-01
• DHB 630B 2D2	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	29	70	345	-200	195	DAF-16
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		73	415	-170	195	RV-01
• DHB 630B 003	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	35	70	345	-240	220	DAF-16
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		73	415	-210	220	RV-01



DHB6 Series Selection diagram 50/60Hz 3AC

DHB6 系列 50/60Hz 选型图表 3AC

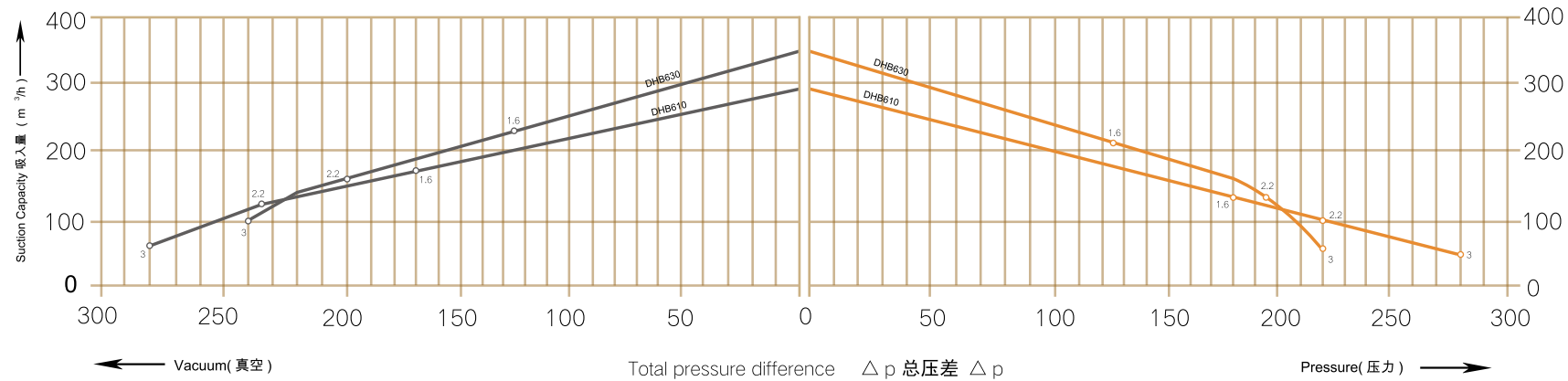


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013 mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

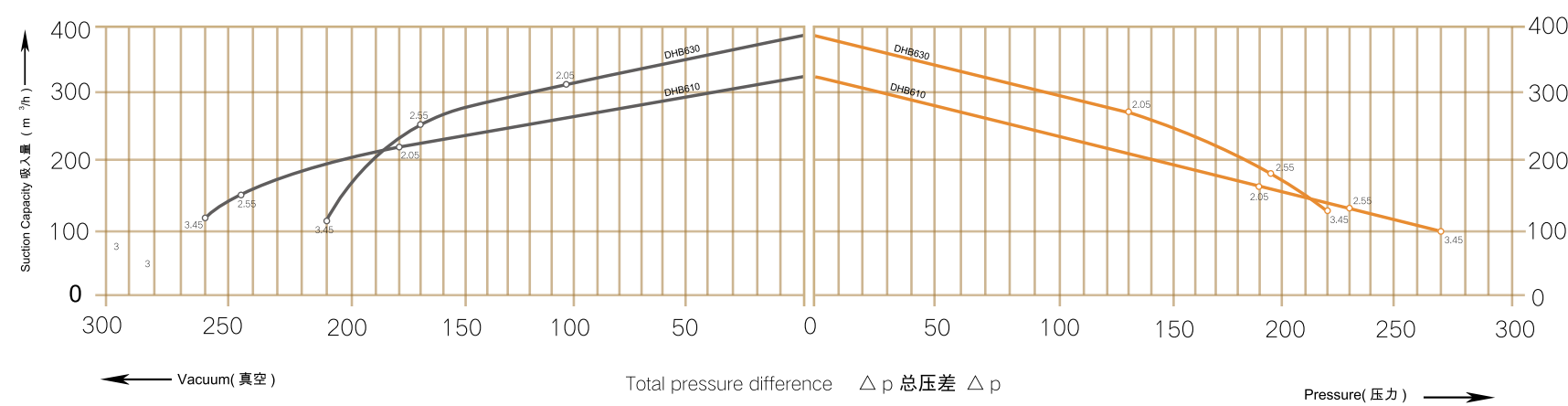
Vacuum Selection diagram 50Hz——真空选型图表 50Hz

Compressor Selection Diagram 50Hz——压缩选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz——压缩选型图表 60Hz





DHB7 3AC H系列 / DHB7 3AC H Series

漩涡式气泵在真空和压力操作的选型和订购参数。

Selection and ordering data for side channel blowers in vacuum and pressure operation.

订购型号 Order Model	马达 MOTOR				重量 weight	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air filter
DHB7 3AC	Frequency	额定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电压 voltage	电流 current						
	Hz	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHB 710B 1D6	50	1.6	200-240 △ /345-415	8.5 △ /4.9Y	27	69	318	-160	150	DAF-16
	60	2.05	220-275 △ /380-480	8.5 △ /5.1Y		72	376	-160	150	RV-01
• DHB 710B 2D2	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	30	69	318	-190	190	DAF-16
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		72	376	-190	190	RV-01
• DHB 710B 003	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	36	69	318	-260	270	DAF-16
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		72	376	-240	230	RV-01
• DHB 710C 004	50	4.0	345-415 △ /600-720	9.0 △ /5.2Y	40	73	318	-290	360	DAF-16
	60	4.6	380-480 △ /660-720	9.0 △ /5.2Y		76	376	-320	310	RV-01
• DHB 720B 2D2	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	43	58	320	-220	210	DAF-16
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		60	380	-170	150	RV-01
• DHB 720B 003	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	48	73	320	-280	260	DAF-16
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		76	380	-230	200	RV-01
• DHB 720C 4D3	50	4.3	345-415 △ /600-720	10.0 △ /5.2Y	54	73	320	-360	380	DAF-16
	60	4.8	380-480 △ /660-720	10.4 △ /6.0Y		76	380	-350	320	RV-02
• DHB 720C 5D5	50	5.5	345-415 △ /600-720	13.3 △ /7.7Y	66	73	320	-440	500	DAF-16
	60	6.3	380-480 △ /660-720	13.3 △ /7.7Y		76	380	-440	500	RV-02
• DHB 720C 7D5	50	7.5	345-415 △ /600-720	16.7 △ /9.6Y	73	73	320	-440	570	DAF-16
	60	8.6	380-480 △ /660-720	17.3 △ /10.0Y		76	380	-460	660	RV-02
• DHB 730B 1D6	50	1.6	200-240 △ /345-415	8.5 △ /4.9Y	29	70	420	-100	100	DAF-16
	60	2.05	220-275 △ /380-480	8.8 △ /5.1Y		73	500	-110	100	RV-01
• DHB 730B 2D2	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	32	70	420	-180	170	DAF-16
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		73	500	-160	150	RV-01
• DHB 730B 003	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	37	70	420	-220	200	DAF-16
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		73	500	-200	170	RV-01
• DHB 730C 004	50	4.0	345-415 △ /600-720	9.0 △ /5.2Y	43	70	420	-260	280	DAF-16
	60	4.6	380-480 △ /660-720	9.0 △ /5.2Y		73	500	-260	260	RV-01
• DHB 740C 004	50	4.0	345-415 △ /600-720	9.0 △ /5.2Y	54	74	500	-150	140	DAF-16
	60	4.6	380-480 △ /660-720	9.0 △ /5.2Y		78	600	-100	90	RV-01
• DHB 740C 5D5	50	5.5	345-415 △ /600-720	13.3 △ /7.7Y	69	74	500	-240	260	DAF-16
	60	6.3	380-480 △ /660-720	13.3 △ /7.7Y		78	600	-210	200	RV-01
• DHB 740C 7D5	50	7.5	345-415 △ /600-720	16.7 △ /9.6Y	75	74	500	-240	320	DAF-16
	60	8.6	380-480 △ /660-720	17.3 △ /10.0Y		78	600	-270	300	RV-01



DHB7 Series Selection diagram 50/60Hz 3AC

DHB7 系列 50/60Hz 选型图表 3AC

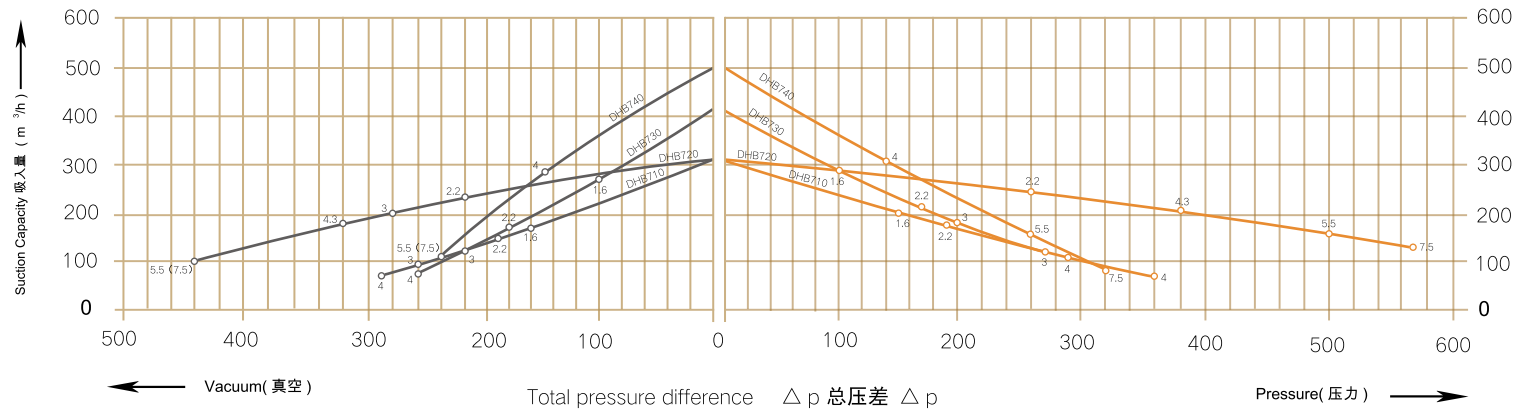


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013mbar 工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

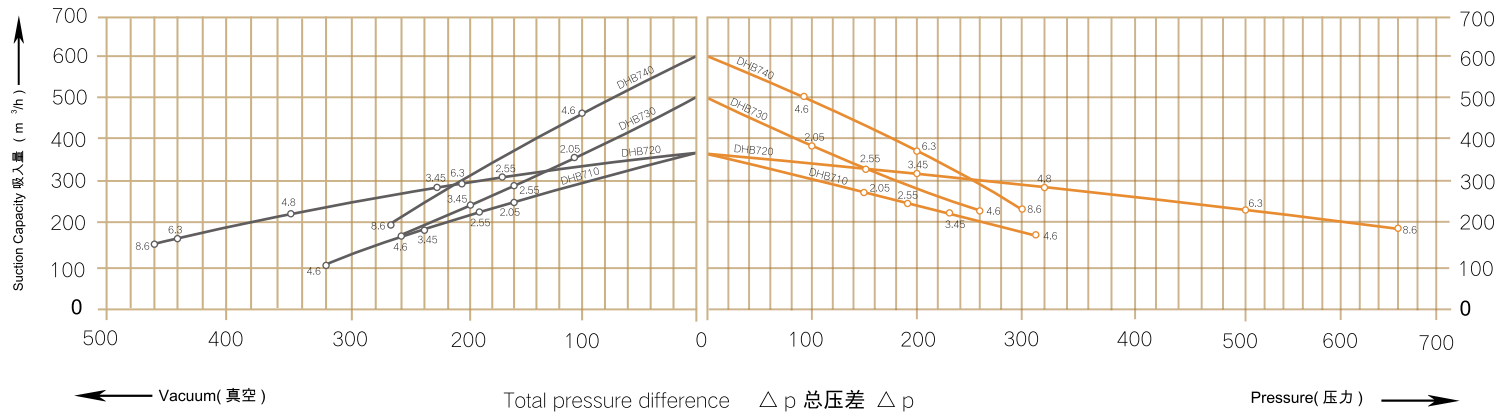
Vacuum Selection diagram 50Hz——真空选型图表 50Hz

Compressor Selection Diagram 50Hz——压缩选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz——压缩选型图表 60Hz





DHB8 3AC H系列 / DHB8 3AC H Series

漩涡式气泵在真空和压力操作的选型和订购参数。

Selection and ordering data for side channel blowers in vacuum and pressure operation.

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air filter
DHB8 3AC	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHB 810C 004	50	4.0	345-415△ /600-720	9.5 △ /5.5Y	54	70	530	-200	200	DAF-20
	60	4.6	380-480△ /660-720	9.5 △ /5.5Y		74	620	-160	160	RV-01
• DHB 810C 5D5	50	5.5	345-415△ /600-720	12.9 △ /7.4Y	63	70	530	-300	300	DAF-20
	60	6.3	380-480△ /660-720	12.9 △ /7.45Y		74	620	-300	280	RV-01
• DHB 810C 7D5	50	7.5	345-415△ /600-720	16.7 △ /9.6Y	66	70	530	-320	430	DAF-20
	60	8.6	380-480△ /660-720	17.3 △ /10.0Y		74	620	-350	400	RV-02
• DHB 820C 5D5	50	5.5	345-415△ /600-720	13.3 △ /7.7Y	83	74	520	-250	240	DAF-20
	60	6.3	380-480△ /660-720	13.3 △ /7.7Y		78	620	-170	160	RV-01
• DHB 820C 7D5	50	7.5	345-415△ /600-720	16.7 △ /9.6Y	86	74	520	-400	400	DAF-20
	60	8.6	380-480△ /660-720	17.3 △ /10.0Y		78	620	-360	330	RV-02
• DHB 820C 011	50	11.0	345-415△ /600-720	28.0 △ /16.2Y	104	74	520	-430	600	DAF-20
	60	12.6	380-480△ /660-720	29.0 △ /16.7Y		78	620	-460	600	RV-02
• DHB 820C 015	50	15.0	345-415△ /600-720	32.5 △ /18.8Y	120	74	520	-460	670	DAF-20
	60	17.3	380-480△ /660-720	34.5 △ /19.9Y		78	620	-490	750	RV-02
• DHB 830C 004	50	4.0	345-415△ /600-720	9.5 △ /5.5Y	57	70	700	-150	140	DAF-20
	60	4.6	380-480△ /660-720	9.5 △ /5.5Y		74	840	-90	90	RV-01
• DHB 830C 5D5	50	5.5	345-415△ /600-720	12.9 △ /7.4Y	66	70	700	-200	190	DAF-20
	60	6.3	380-480△ /660-720	12.9 △ /7.45Y		74	840	-180	180	RV-01
• DHB 830C 7D6	50	7.6	345-415△ /600-720	16.7 △ /9.6Y	69	70	700	-270	260	DAF-20
	60	8.6	380-480△ /660-720	17.3 △ /10.0Y		74	840	-270	260	RV-01
• DHB 840C 7D5	50	7.5	345-415△ /600-720	16.7 △ /9.6Y	91	74	900	-200	180	DAF-20
	60	8.6	380-480△ /660-720	17.3 △ /10.0Y		78	1050	-150	120	RV-01
• DHB 840C 011	50	11.0	345-415△ /600-720	28.0 △ /16.2Y	110	74	900	-280	370	DAF-20
	60	12.6	380-480△ /660-720	29.0 △ /16.7Y		78	1050	-310	350	RV-01



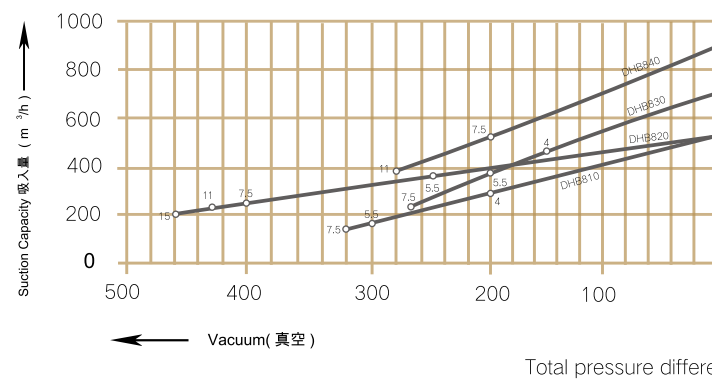
DHB8 Series Selection diagram 50/60Hz 3AC DHB8 系列 50/60Hz 选型图表 3AC



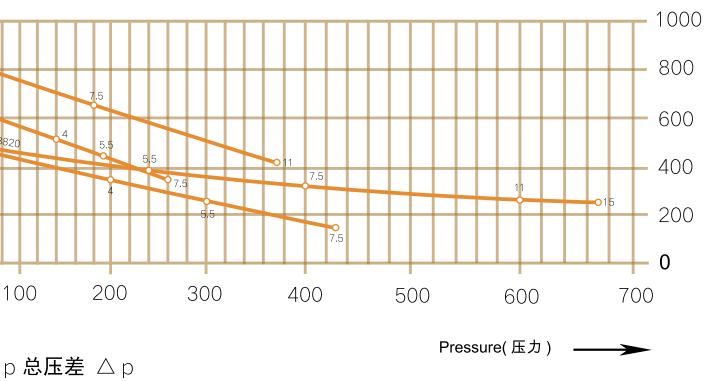
下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013 mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

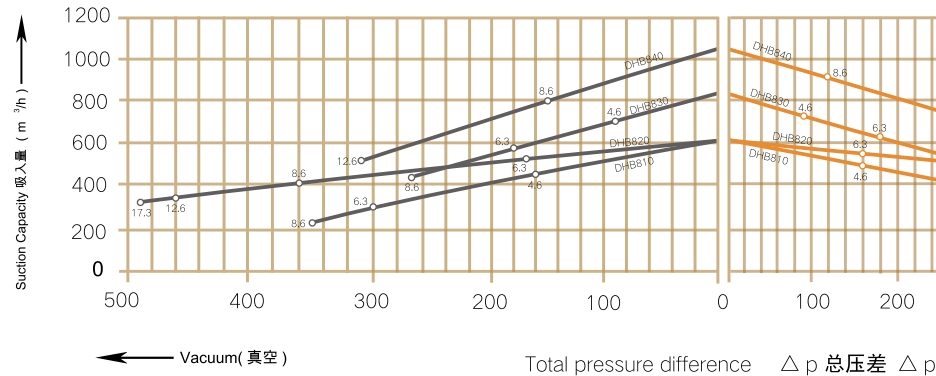
Vacuum Selection diagram 50Hz——真空选型图表 50Hz



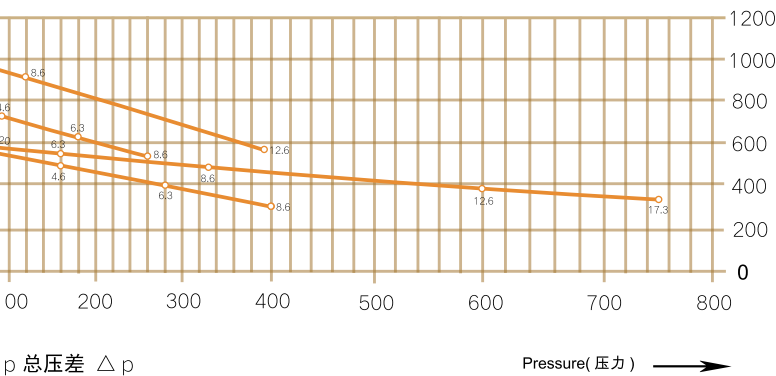
Compressor Selection Diagram 50Hz——压缩选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz



Compressor Selection Diagram 60Hz——压缩选型图表 60Hz





DHB9 3AC H系列 / DHB9 3AC H Series

漩涡式气泵在真空和压力操作的选型和订购参数。

Selection and ordering data for side channel blowers in vacuum and pressure operation.

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHB9 3AC	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHB 910C 8D5	50	8.5	345-415 Δ /600-720	18.2 Δ /10.5Y	93	74	1050	-190	190	DAF-32
	60	9.8	380-480 Δ /660-720	18.2 Δ /10.5Y		79	1250	-150	140	RV-01
• DHB 910C 12D5	50	12.5	345-415 Δ /600-720	28.0 Δ /16.2Y	116	74	1050	-290	280	DAF-32
	60	14.5	380-480 Δ /660-720	29.0 Δ /16.7Y		79	1250	-270	260	RV-01
• DHB 910C 18D5	50	18.5	345-415 Δ /600-720	37.0 Δ /21.0Y	126	74	1050	-360	460	DAF-32
	60	21.3	380-480 Δ /660-720	39.0 Δ /22.5Y		79	1250	-380	420	RV-02
• DHB 920C 12D5	50	12.5	345-415 Δ /600-720	28.0 Δ /16.2Y	187	74	1110	-300	270	DAF-32
	60	14.5	380-480 Δ /660-720	29.0 Δ /16.7Y		78	1310	-220	200	RV-01
• DHB 920C 16D5	50	16.5	345-415 Δ /600-720	35.0 Δ /20.0Y	197	74	1110	-410	370	DAF-32
	60	19.0	380-480 Δ /660-720	36.5 Δ /21.0Y		78	1310	-340	300	RV-02
• DHB 920C 020	50	20.0	345-415 Δ /600-720	40.0 Δ /23.0Y	204	74	1110	-440	500	DAF-32
	60	23.0	380-480 Δ /660-720	42.0 Δ /24.2Y		78	1310	-440	430	RV-02
• DHB 920C 025	50	25.0	345-415 Δ /600-720	52.0 Δ /30.0Y	211	74	1110	-440	590	DAF-32
	60	29.0	380-480 Δ /660-720	52.0 Δ /30.0Y		78	1310	-440	540	RV-02
• DHB 930C 8D5	50	8.5	345-415 Δ /600-720	18.2 Δ /10.5Y	98	75	1370	-120	110	DAF-32
	60	9.8	380-480 Δ /660-720	18.2 Δ /10.5Y		80	1650	-80	70	RV-01
• DHB 930C 12D5	50	12.5	345-415 Δ /600-720	28.0 Δ /16.2Y	121	75	1370	-190	180	DAF-32
	60	14.5	380-480 Δ /660-720	39.0 Δ /22.5 Y		80	1650	-150	150	RV-01
• DHB 930C 18D5	50	18.5	345-415 Δ /600-720	37.0 Δ /21.0Y	131	75	1370	-310	320	DAF-32
	60	21.3	380-480 Δ /660-720	39.0 Δ /22.5Y		80	1650	-300	280	RV-01
• DHB 940C 015	50	15.0	345-415 Δ /600-720	35.0 Δ /20.0Y	187	75	1940	-130	110	DAF-32
	60	17.5	380-480 Δ /660-720	36.5 Δ /21.0Y		84	2310	-60	40	RV-01
• DHB 940C 020	50	20.0	345-415 Δ /600-720	40.0 Δ /23.0Y	212	75	1940	-220	200	DAF-32
	60	23.0	380-480 Δ /660-720	42.0 Δ /24.2Y		84	2310	-160	130	RV-01
• DHB 940C 025	50	25.0	345-415 Δ /600-720	52.0 Δ /30.0Y	219	75	1940	-310	280	DAF-32
	60	29.0	380-480 Δ /660-720	52.0 Δ /30.0Y		84	2310	-270	220	RV-01
• DHB 943C 015	50	15.0	345-415 Δ /600-720	35.0 Δ /20.0Y	220	75	2050	-160	170	DAF-32
	60	17.5	380-480 Δ /660-720	36.5 Δ /21.0Y		84	2480	-120	110	RV-01
• DHB 943C 020	50	20.0	345-415 Δ /600-720	40.0 Δ /23.0Y	230	75	2050	-250	230	DAF-32
	60	23.0	380-480 Δ /660-720	42.0 Δ /24.2Y		84	2480	-190	180	RV-01
• DHB 943C 025	50	25.0	345-415 Δ /600-720	52.0 Δ /30.0Y	235	75	2050	-310	280	DAF-32
	60	29.0	380-480 Δ /660-720	52.0 Δ /30.0Y		84	2480	-270	230	RV-01



DHB9 Series Selection diagram 50/60Hz 3AC

DHB9 系列 50/60Hz 选型图表 3AC

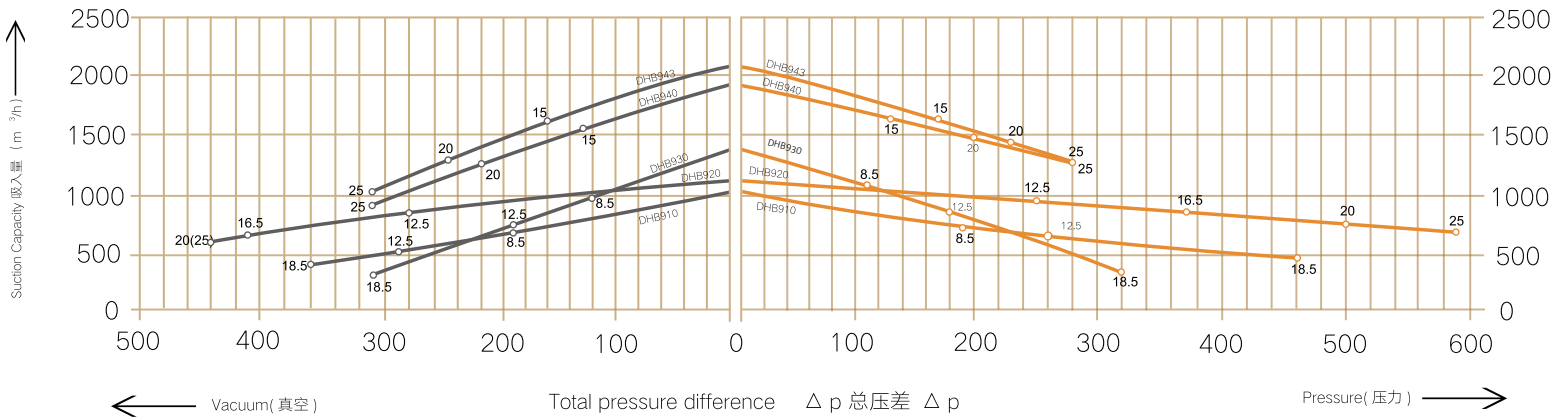


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013mbar 工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

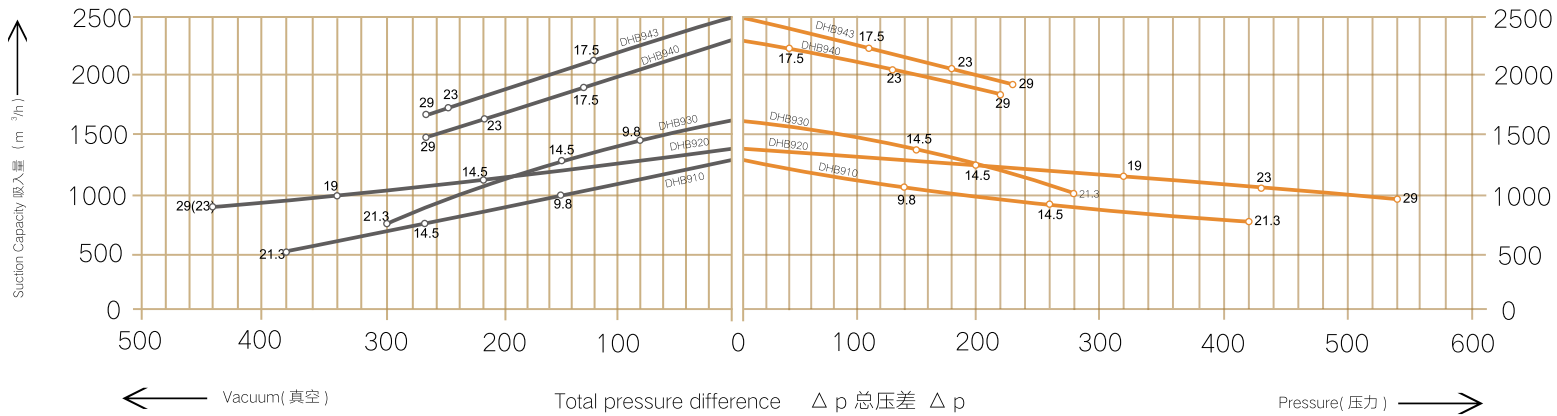
Vacuum Selection diagram 50Hz——真空选型图表 50Hz

Compressor Selection Diagram 50Hz——压缩选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz——压缩选型图表 60Hz





DHBT 1AC T 系列 / DHBT 1AC T Series

漩涡式气泵在真空和压力操作的选型和订购参数 (单相)

Selection and ordering data for side channel blowers in vacuum and pressure operation(Single phase)

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHBT 1AC	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHBT 210E D55	50	0.55	115/230	13/3.1	18	57	47	-230	290	DAF-10
	60	0.63	115/230	14.2/7.1		62	57	-270	320	RV-01
• DHBT 220E 1D5	50	1.5	115/230	19.4/9.7	30	58	47	-370	600	DAF-10
	60	1.75	115/230	20.6/10.3		62	60	-420	660	RV-02
• DHBT 310A D94	50	0.94	230	9	18	57	66	-250	350	DAF-10/RV-01
• DHBT 310E D94	50	0.94	115/230	15.2/7.6	18	57	66	-250	350	DAF-10
	60	1.1	115/230	2		62	80	-280	390	RV-01
• DHBT 320E 1D5	50	1.5	115/230	19.4/9.7	32	59	65	-400	550	DAF-10
	60	1.75	115/230	20.6/10.3		63	76	-390	540	RV-02
• DHBT 410A 1D1	50	1.1	230	10.1	23	58	87	-300	380	DAF-10
	60	1.3	230	10.3	23	63	105	-350	390	RV-02



DHBT Series Selection diagram 50/60Hz 1AC

DHBT 系列 50/60Hz 选型图表 1AC

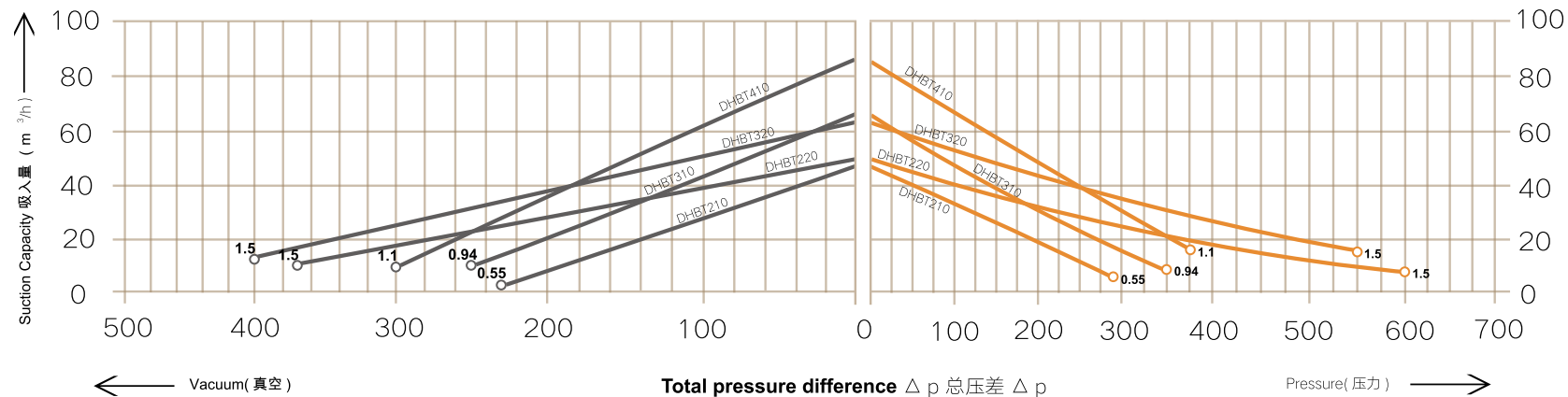


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013 mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

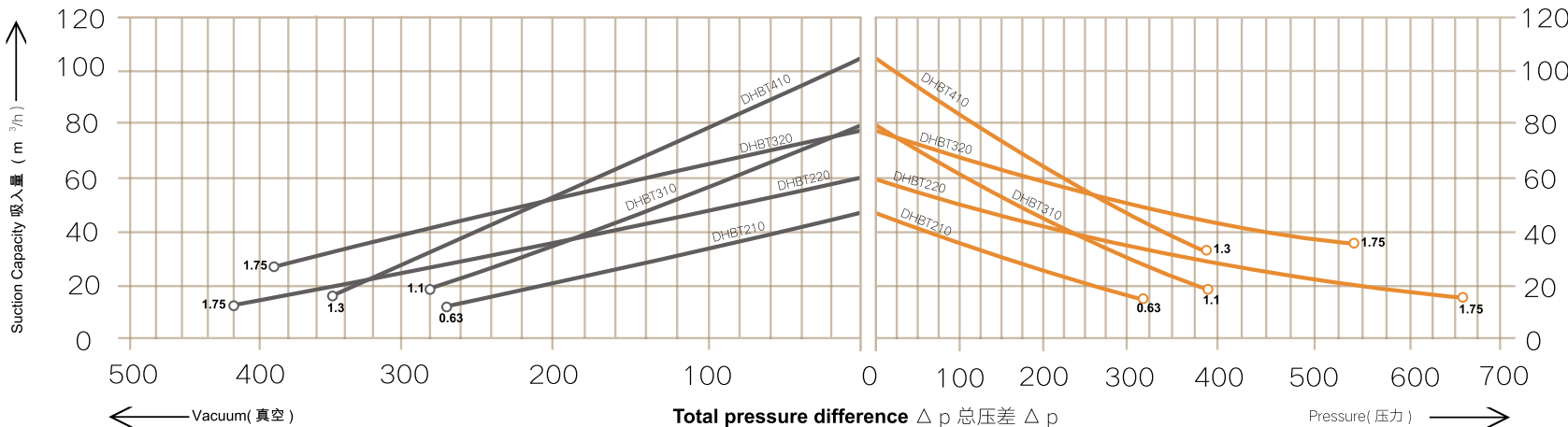
Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor selection Diagram 60Hz -压缩选型图标 60Hz



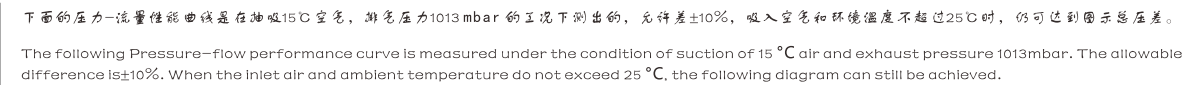
Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor selection Diagram 60Hz -压缩选型图标 60Hz

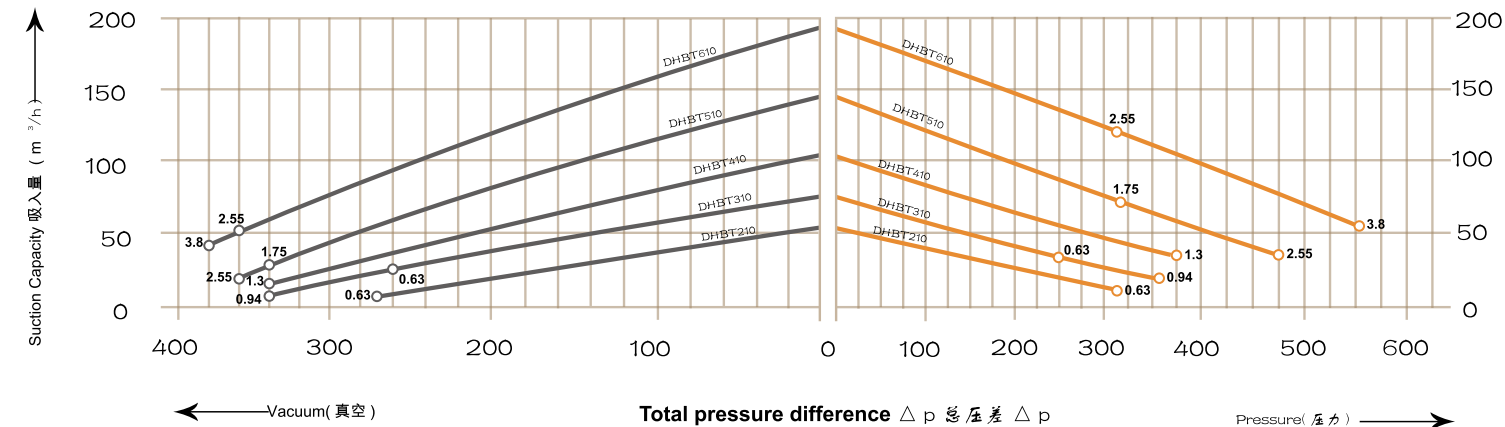


Selection and ordering data for side channel blowers in vacuum and pressure operation(Three phase single stage)

DHBT 系列 50/60Hz 选型图表 3AC



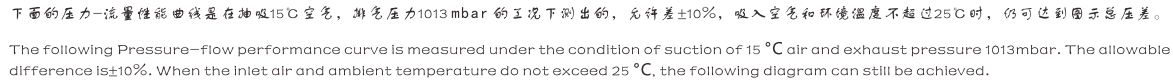
Compressor selection Diagram 60Hz - 压缩选型图标 60Hz



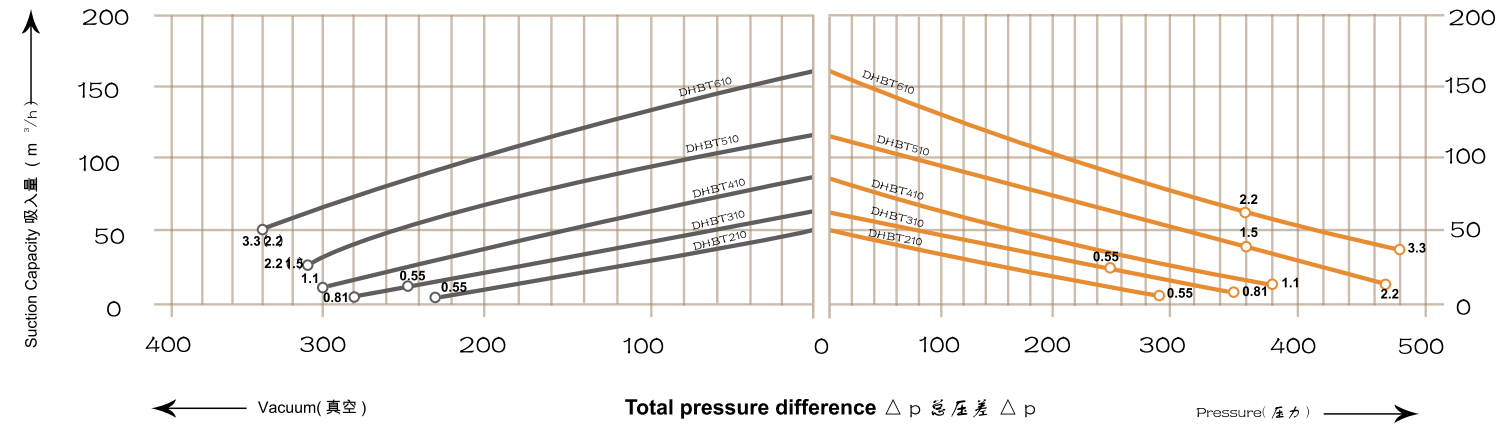


Selection and ordering data for side channel blowers in vacuum and pressure operation(Three phase single stage)

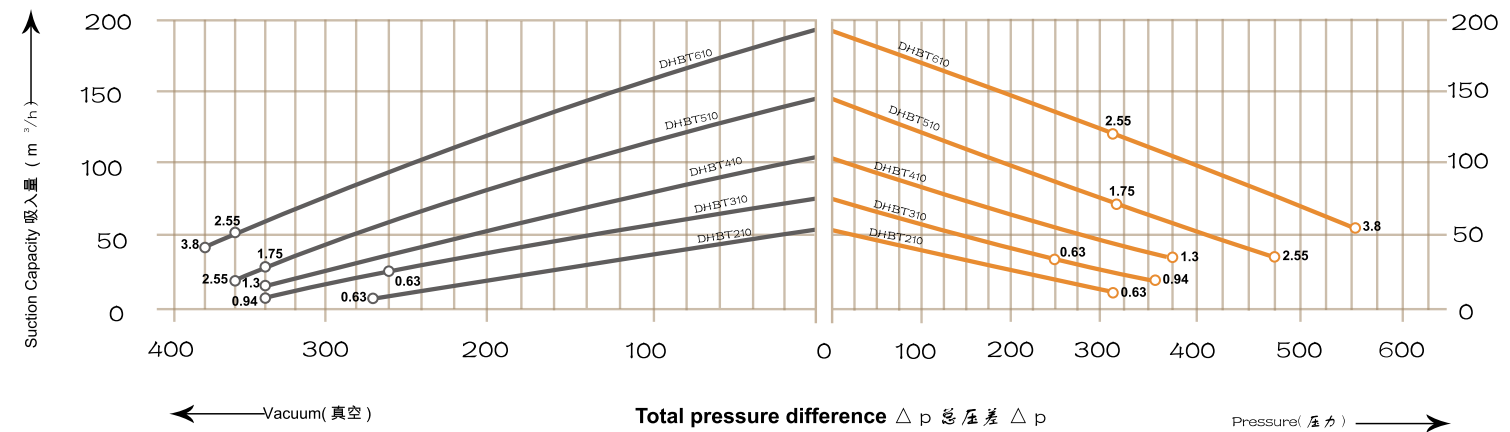
订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air filter
DHBT 3AC	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电压 voltage	电流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
• DHBT 210B D55	50	0.55	200-240 △ /345-415	2.8 △ /1.6Y	16	57	47	-230	290	DAF-10
	60	0.63	220-275 △ /380-480	3 △ /1.7Y		62	57	-270	320	RV-01
• DHBT 310B D55	50	0.55	200-240 △ /345-415	2.8 △ /1.6Y	16	57	66	-250	250	DAF-10
	60	0.63	220-275 △ /380-480	3 △ /1.7Y		62	80	-260	250	RV-01
• DHBT 310B D81	50	0.81	200-240 △ /345-415	4 △ /2.3Y	17	57	66	-280	350	DAF-10
	60	0.94	220-275 △ /380-480	4 △ /2.3Y		62	80	-340	360	RV-01
• DHBT 410B 1D1	50	1.1	200-240 △ /345-415	5.4 △ /3.1Y	23	58	87	-300	380	DAF-10
	60	1.3	220-275 △ /380-480	5.4 △ /3.1Y		62	105	-340	370	RV-01
• DHBT 510B 1D5	50	1.5	200-240 △ /345-415	7.5 △ /4.3Y	26	64	120	-310	360	DAF-10
	60	1.75	220-275 △ /380-480	7.6 △ /4.4Y		68	145	-340	320	RV-01
• DHBT 510B 2D2	50	2.2	345-415 △ /600-720	11.4 △ /6.6Y	29	64	120	-310	470	DAF-10
	60	2.55	380-480 △ /660-720	11.2 △ /6.5Y		68	145	-360	480	RV-02
• DHBT 610B 2D2	50	2.2	200-240 △ /345-415	11.4 △ /6.6Y	32	65	165	-340	360	DAF-10
	60	2.55	220-275 △ /380-480	11.2 △ /6.5Y		71	195	-360	315	RV-01
• DHBT 610B 3D3	50	3.3	200-240 △ /345-415	13 △ /7.5Y	35	65	165	-340	480	DAF-10
	60	3.8	220-275 △ /380-480	14.2 △ /8.2Y		71	195	-380	530	RV-02



Vacuum Selection diagram 50Hz——真空选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz





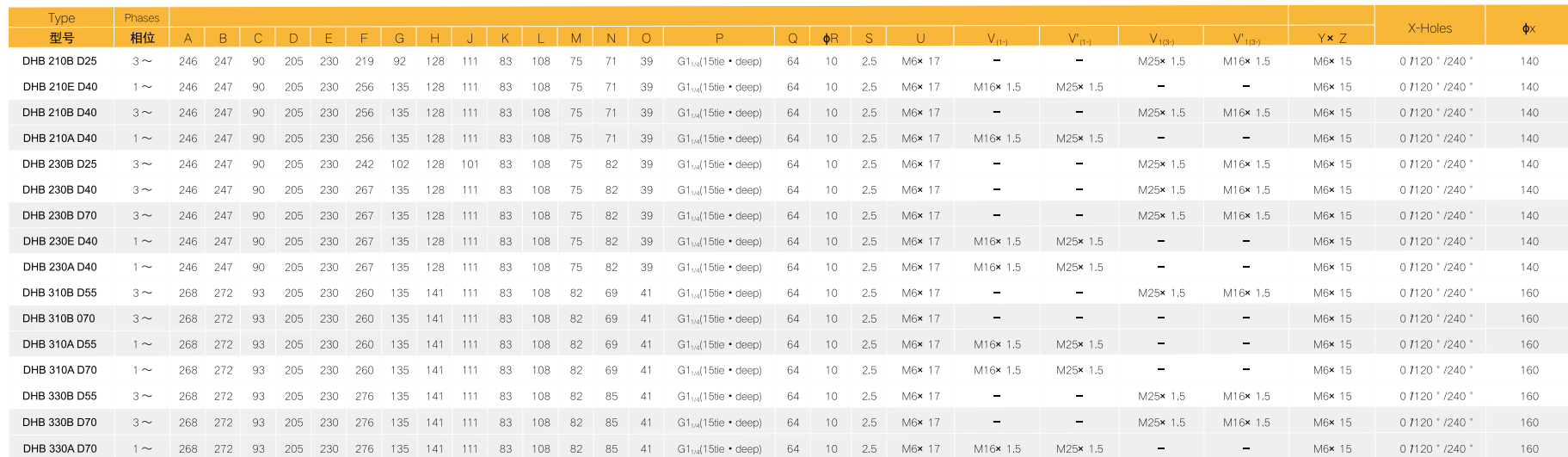
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The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

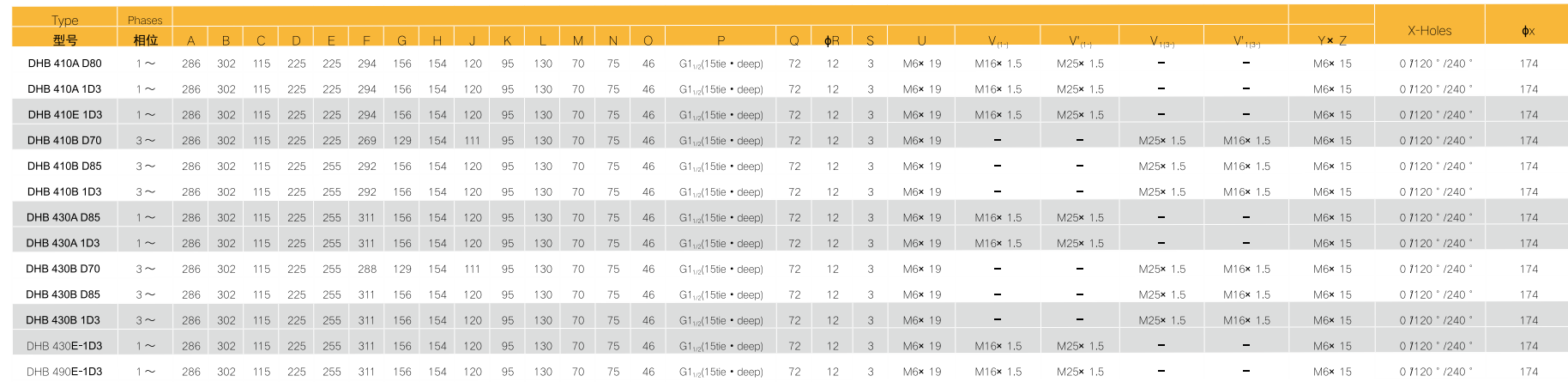
Vacuum Selection diagram 50Hz——真空选型图表 50Hz



侧风道风机尺寸 DHB210.,DHB310.,DHB330. (mm)



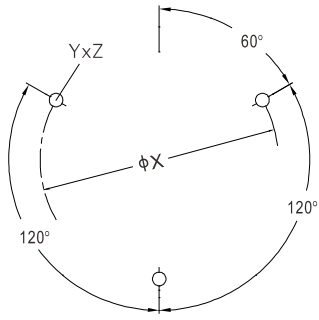
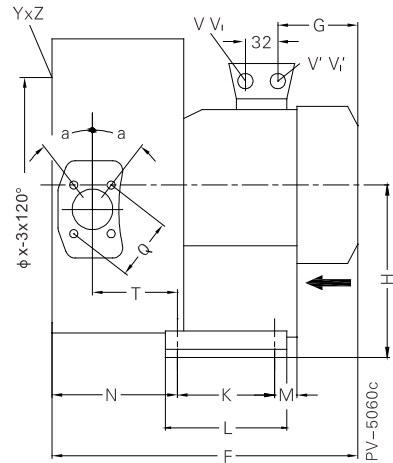
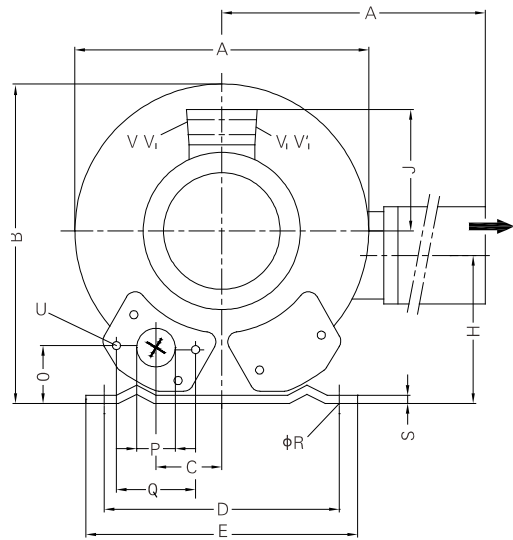
侧风道风机尺寸 DHB410.,DHB430.,DHB490 (mm)





Diemensions for side channel blower DHB510,.,DHB530,.,DHB590 (mm)

侧风道风机尺寸 DHB220,.,DHB320,.,DHB420. (mm)

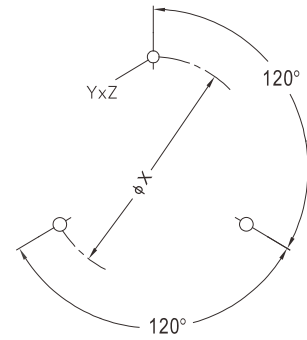
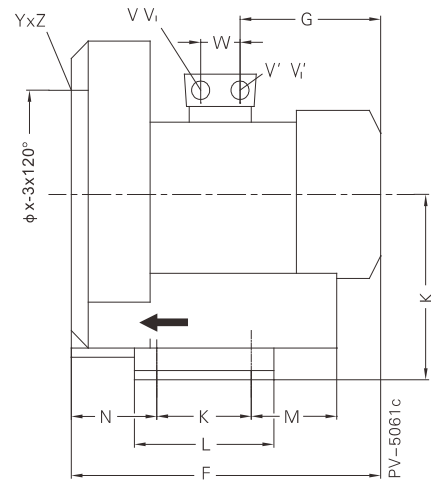
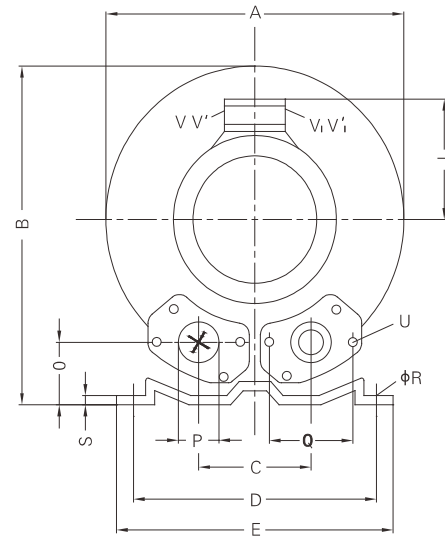


Type	Phases																														
型号	相位	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ΦR	S	T	U	V ₍₁₊₎	V' ₍₁₋₎	V ₍₃₊₎	V' ₍₃₋₁₎	α	ΦX	Y×Z	X-Holes
DHB 220B 0D7	3 ~	284	316	270	45	205	230	316	135	128	106	111	83	108	75	130	39	G1 _{1/4} (15tle • deep)	64	10	2.5	88	M6× 17	—	—	M25× 1.5	M16× 1.5	27 °	140	M6× 15	51 f1171 f291 °
DHB 320B 1D3	3 ~	293	324	286	47	205	230	354	160	141	114	120	83	108	82	138	41	G1 _{1/4} (15tle • deep)	64	10	2.5	92	M6× 17	—	—	M25× 1.5	M16× 1.5	27 °	160	M6× 15	51 f1171 f291 °
DHB 320E 1D3	1 ~	293	324	286	47	205	230	354	160	141	114	120	83	108	82	138	41	G1 _{1/4} (15tle • deep)	64	10	2.5	92	M6× 17	M25× 1.5	M16× 1.5	—	—	27 °	160	M6× 15	51 f1171 f291 °
DHB 420B 1D6	3 ~	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1 _{1/2} (15tle • deep)	72	12	3	104	M6× 19	—	—	M25× 1.5	M16× 1.5	28 °	174	M6× 15	51 f1171 f291 °
DHB 420B 2D2	3 ~	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1 _{1/2} (15tle • deep)	72	12	3	104	M6× 19	—	—	M25× 1.5	M16× 1.5	28 °	174	M6× 15	51 f1171 f291 °
DHB 420A 1D5	1 ~	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1 _{1/2} (15tle • deep)	72	12	3	104	M6× 19	M16× 1.5	M25× 1.5	—	—	28 °	174	M6× 15	51 f1171 f291 °
DHB 420E 1D5	1 ~	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1 _{1/2} (15tle • deep)	72	12	3	104	M6× 19	M16× 1.5	M25× 1.5	—	—	28 °	174	M6× 15	51 f1171 f291 °



Diemensions for side channel blower DHB510,.,DHB530,.,DHB590 (mm)

侧风道风机尺寸 DHB510,.,DHB530,.,DHB590 (mm)

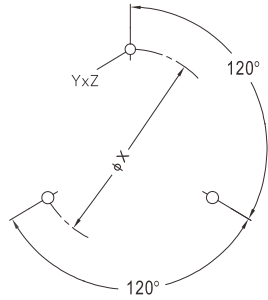
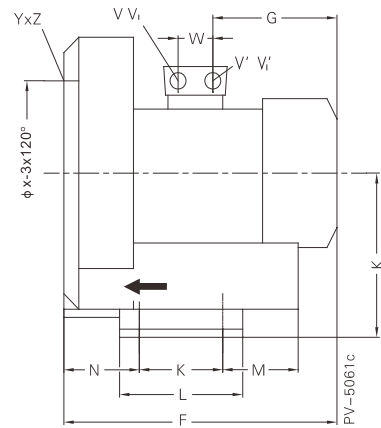
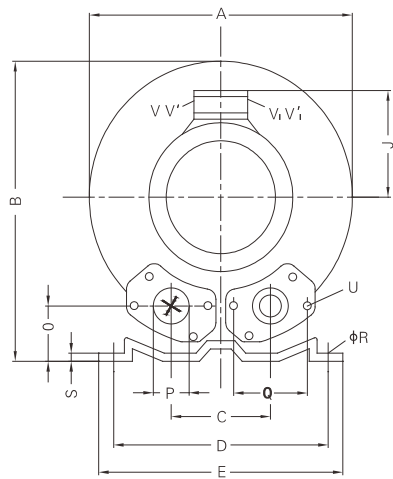


Type	Phases																											
型号	相位	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ΦP	Q	ΦR	S	U	V ₍₁₊₎	V ₍₁₋₎	V ₍₃₊₎	V ₍₃₋₎	Y×Z	X-Holes	Φx	W
DHB 510A 1D3	1 ~	334	337	120	260	295	314	156	175	120	115	155	96	87	48	55	83	14	4	M8× 17	M16× 1.5	M25× 1.5	—	—	M8× 20	0 f120 ° /240 °	200	29
DHB 510A 1D5	1 ~	334	337	120	260	295	345	191	175	128	115	155	96	87	48	55	83	14	4	M8× 17	M16× 1.5	M25× 1.5	—	—	M8× 20	0 f120 ° /240 °	200	29
DHB 510E 1D5	1 ~	334	337	120	260	295	345	191	175	128	115	155	96	87	48	55	83	14	4	M8× 17	M16× 1.5	M25× 1.5	—	—	M8× 20	0 f120 ° /240 °	200	29
DHB 510B D85	3 ~	334	337	120	260	295	314	156	175	120	115	155	96	87	48	55	83	14	4	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 f120 ° /240 °	200	29
DHB 510B 1D3	3 ~	334	337	120	260	295	314	156	175	120	115	155	96	87	48	55	83	14	4	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 f120 ° /240 °	200	29
DHB 510B 1D6	3 ~	334	337	120	260	295	346	191	175	128	115	155	96	87	48	55	83	14	4	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 f120 ° /240 °	200	29
DHB 510B 2D2	3 ~	334	337	120	260	295	346	191	175	128	115	155	96	87	48	55	83	14	4	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 f120 ° /240 °	200	29
DHB 530A 1D3	1 ~	334	337	120	260	295	334	156	175	120	115	155	96	87	48	55	83	14	4	M8× 17	M16× 1.5	M25× 1.5	—	—	M8× 20	0 f120 ° /240 °	200	29
DHB 530A 1D5	1 ~	334	337	120	260	295	365	191	175	128	115	155	96	87	48	55	83	14	4	M8× 17	M16× 1.5	M25× 1.5	—	—	M8× 20	0 f120 ° /240 °	200	29
DHB 530B D85	3 ~	334	337	120	260	295	334	156	175	120	115	155	96	87	48	55	83	14	4	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 f120 ° /240 °	200	29
DHB 530B 1D3	3 ~	334	337	120	260	295	334	156	175	120	115	155	96	87	48	55	83	14	4	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 f120 ° /240 °	200	29
DHB 530B 1D6	3 ~	334	337	120	260	295	365	191	175	128	115	155	96	87	48	55	83	14	4	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 f120 ° /240 °	200	29
DHB 530B 2D2	3 ~	334	337	120	260	295	365	191	175	128	115	155	96	87	48	55	83	14	4	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 f120 ° /240 °	200	29
DHB 530E 1D5	1 ~	334	337	120	260	295	365	191	175	128	115	155	96	87	48	55	83	14	4	M8× 17	M16× 1.5	M25× 1.5	—	—	M8× 20	0 f120 ° /240 °	200	29
DHB 510B 1D1	3 ~	334	337	120	260	295	365	191	175	128	115	155	96	87	48	55	83	14	4	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 f120 ° /240 °	200	29



Diemensions for side channel blower DHB610,.,DHB630,.,DHB710,.,DHB730,.,DHB790,.(mm)

侧风道风机尺寸 DHB610,.,DHB630,.,DHB710,.,DHB730,.,DHB790,.(mm)

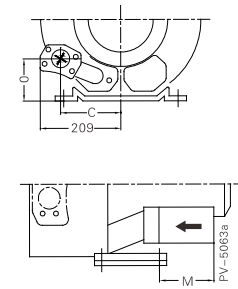


Type	Phases																												
型号	相位	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ΦP	Q	ΦR	S	U	V ₍₁₋₎	V ₍₁₊₎	V ₁₍₃₋₎	V ₁₍₃₊₎	Y×Z	X-Holes	ΦX	W	
DHB 610B 1D6	3 ~	360	366	122	290	325	354	191	192	128	140	180	84	94	52	56	83	13	4.5	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 1120 1240 *	226	29	
DHB 610B 2D2	3 ~	360	366	122	290	325	354	191	192	128	140	180	84	94	52	56	83	13	4.5	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 1120 1240 *	226	29	
DHB 610B 003	3 ~	360	366	122	290	325	385	188	192	135	140	180	84	94	52	56	83	13	4.5	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	M8× 20	0 1120 1240 *	226	42	
DHB 630B 1D6	3 ~	360	366	122	290	325	372	191	192	128	140	180	84	94	52	56	83	13	4.5	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 1120 1240 *	226	29	
DHB 630B 2D2	3 ~	360	366	122	290	325	372	191	192	128	140	180	84	94	52	56	83	13	4.5	M8× 17	—	—	M25× 1.5	M16× 1.5	M8× 20	0 1120 1240 *	226	29	
DHB 630B 003	3 ~	360	366	122	290	325	403	188	192	135	140	180	84	94	52	56	83	13	4.5	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	M8× 20	0 1120 1240 *	226	42	
2RB 710E-2D2	1 ~	382	384	125	290	325	404	218	197	128	140	180	84	109	54	55	83	15	4.5	M8× 17	M25× 1.5	M16× 1.5	—	—	M10× 20	0 1120 1240 *	240	29	
DHB 710B 1D6	3 ~	382	384	125	290	325	377	191	197	128	140	180	84	109	54	55	83	15	4.5	M8× 17	—	—	M25× 1.5	M16× 1.5	M10× 20	0 1120 1240 *	240	29	
DHB 710B 2D2	3 ~	382	384	125	290	325	377	191	197	128	140	180	84	109	54	55	83	15	4.5	M8× 17	—	—	—	—	M10× 20	0 1120 1240 *	240	29	
DHB 710B 003	3 ~	382	384	125	290	325	409	188	197	135	140	180	84	109	54	55	83	15	4.5	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	M10× 20	0 1120 1240 *	240	42	
DHB 710C 004	3 ~	382	384	125	290	325	432	209	197	148	140	180	84	109	54	55	83	15	4.5	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	M10× 20	0 1120 1240 *	240	42	
DHB 730B 1D6	3 ~	382	384	125	290	325	387	191	197	128	140	180	84	109	54	55	83	15	4.5	M8× 17	M25× 1.5	M16× 1.5	—	—	M10× 20	0 1120 1240 *	240	29	
DHB 730B 2D2	3 ~	382	384	125	290	325	387	191	197	128	140	180	84	109	54	55	83	15	4.5	M8× 17	M25× 1.5	M16× 1.5	—	—	M10× 20	0 1120 1240 *	240	29	
DHB 730B 003	3 ~	382	384	125	290	325	419	189	197	135	140	180	84	109	54	55	83	15	4.5	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	M10× 20	0 1120 1240 *	240	42	
DHB 730C 004	3 ~	382	384	125	290	325	432	209	197	148	140	180	84	109	54	55	83	15	4.5	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	M10× 20	0 1120 1240 *	240	42	
DHB 790B 2D2	3 ~	382	384	125	290	325	377	185	197	128	140	180	84	109	54	55	83	15	4.5	M8× 17	—	—	M25× 1.5	M16× 1.5	M10× 20	0 1120 1240 *	240	29	

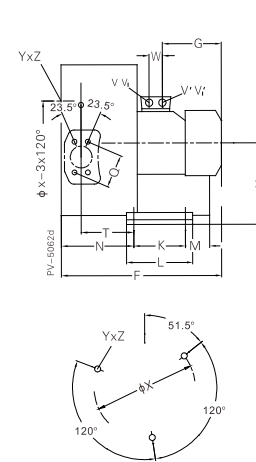
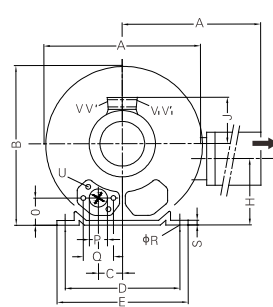


Diemensions for side channel blower DHB520,.,DHB720,.,DHB740 (mm) 侧风道风机尺寸 DHB520,.,DHB720,.,DHB740 (mm)

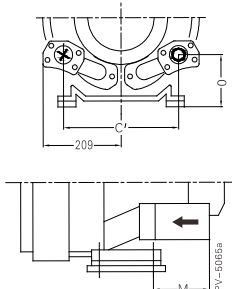
DHB 720.-...4.
-...5.



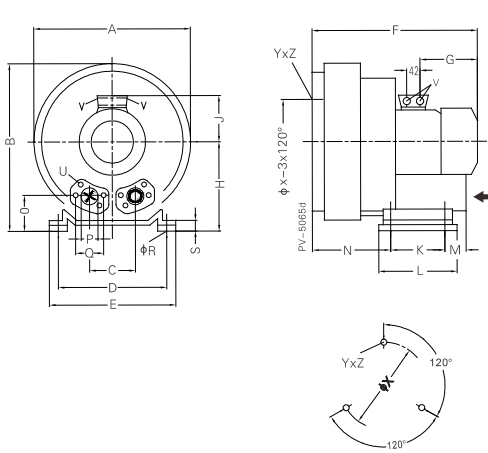
DHB 520.-...4. 2RB 720.-...1.
-...5.



DHB 740.-...4.
-...5.



DHB 740.-...3.



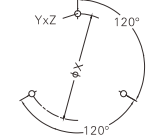
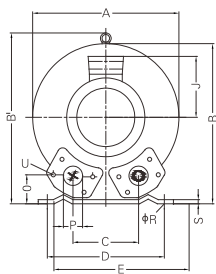
Type	Phases																																
型号	相位	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ΦP	Q	ΦR	S	T	U	V	V'	V ₁	V ₁	ΦX	Y×Z	X-Holes	W		
DHB 520B 003	3~	372	411	371	60	260	295	465	190	175	144	135	115	155	98	171	48	55	83	14	4	116	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	200	M8× 20	51.5 7171.5 ° /291.5 °	42		
DHB 520B 004	3~	372	411	371	60	260	295	499	224	175	144	135	115	155	98	171	48	55	83	14	4	116	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	200	M8× 20	51.5 7171.5 ° /291.5 °	42		
DHB 720B 2D2	3~	426	426	420	63	290	325	473	185	197	162	128	140	180	84	205	53	55	83	15	4.5	130	M8× 17	M25× 1.5	M16× 1.5	—	—	240	M10× 20	51.5 7171.5 ° /291.5 °	29		
DHB 720B 003	3~	426	426	420	63	290	325	507	180	197	162	135	140	180	84	205	53	55	83	15	4.5	130	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	240	M10× 20	51.5 7171.5 ° /291.5 °	42		
DHB 720C 4D3	3~	426	426	420	63	290	325	526	209	197	162	148	140	180	84	205	53	55	83	15	4.5	130	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	240	M10× 20	51.5 7171.5 ° /291.5 °	42		
DHB 720C 5D5	3~	426	426	420	154	290	325	571	226	197	162	167	140	180	225	205	94	55	83	15	4.5	130	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	240	M10× 20	51.5 7171.5 ° /291.5 °	42		
DHB 720C 7D5	3~	426	426	420	154	290	325	571	226	197	162	167	140	180	225	205	94	55	83	15	4.5	130	M8× 17	M32× 1.5	M32× 1.5	M32× 1.5	M32× 1.5	240	M10× 20	51.5 7171.5 ° /291.5 °	42		

Type	Phases																													
型号	相位	A	B	C	C'	D	E	F	G	H	J	K	L	M	N	O	ΦP	Q	ΦR	S	U	V	ΦX	Y × Z	X-Holes					
DHB 740C 4D3	3 ~	420	468	125	—	290	325	526	209	257	148	140	180	84	205	114	55	83	15	64.5	M8× 17	4× M32× 1.5	240	M10 × 20	0 1120 ° /240 °					
DHB 740C 5D5	3 ~	420	468	—	308	290	325	571	226	257	167	140	180	225	205	114	55	83	15	64.5	M8× 17	4× M32× 1.5	240	M10 × 20	0 1120 ° /240 °					
DHB 740C 7D5	3 ~	420	468	—	308	290	325	571	226	257	167	140	180	225	205	114	55	83	15	64.5	M8× 17	4× M32× 1.5	240	M10 × 20	0 1120 ° /240 °					

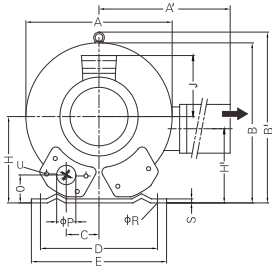


Diemensions for side channel blower 侧风道风机尺寸 DHB810.,DHB820.DHB830.,DHB840.(mm)

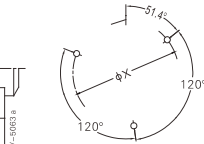
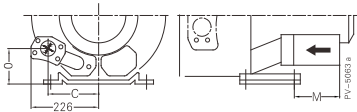
DHB 810./DHB 830.



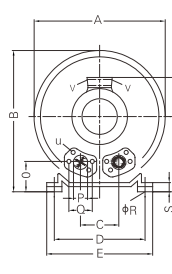
DHB 820.-...1.
-...2.



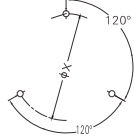
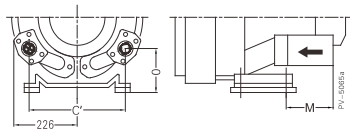
2RB 820.-...3.
-...4.



DHB 840.-...2.



2RB 840.-...3.



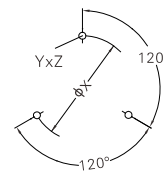
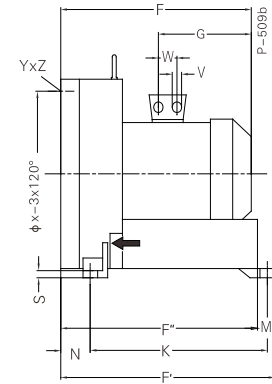
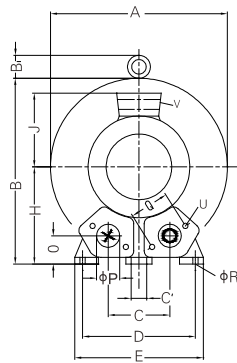
Type	Phases																											
型号	相位	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M	N	N'	O	ΦP	ΦR	S	V	W	ΦX	Y×Z	X-Holes
DHB 810C 4D3	3 ~	451	—	461	509	152	356	433	433	450	230	240	—	148	170	217	140	124	—	65	65	15	6	4× M32× 1.5	42	286	M12×20	0 7120 7240 °
DHB 810C 5D5	3 ~	451	—	461	509	152	356	433	433	477	247	240	—	148	170	217	140	124	—	65	65	15	6	4× M32× 1.5	42	286	M12×20	0 7120 7240 °
DHB 810C 7D5	3 ~	451	—	461	509	152	356	433	433	477	247	240	—	148	170	217	140	124	—	65	65	15	6	4× M32× 1.5	42	286	M12×20	0 7120 7240 °
DHB 820C 5D5	3 ~	500	549	490	509	—	356	545	545	589	247	240	199	148	170	217	140	236	84	65	65	15	6	4× M32× 1.5	42	286	M12×20	58.5 7171.5 7291.5 °
DHB 820C 7D5	3 ~	500	549	490	509	—	356	545	545	589	247	240	199	167	170	217	140	236	84	65	65	15	6	4× M32× 1.5	42	286	M12×20	58.5 7171.5 7291.5 °
DHB 820C 011	3 ~	500	549	490	509	—	356	545	717	694	318	240	199	197	170	217	312	212	84	105	65	15	6	4× M32× 1.5	54	286	M12×20	58.5 7171.5 7291.5 °
DHB 820C 015	3 ~	500	549	490	509	152	356	545	717	694	318	240	199	197	170	217	312	212	84	105	65	15	6	4× M32× 1.5	54	286	M12×20	58.5 7171.5 7291.5 °
DHB 830C 4D3	3 ~	451	—	461	509	152	356	449	449	466	230	240	—	148	170	217	140	139	—	65	65	15	6	4× M32× 1.5	42	286	M12×20	0 7120 7240 °
DHB 830C 5D5	3 ~	451	—	461	509	152	356	449	449	492	247	240	—	167	170	217	140	139	—	65	65	15	6	4× M32× 1.5	42	286	M12×20	0 7120 7240 °
DHB 830C 7D5	3 ~	451	—	461	509	152	356	449	449	492	247	240	—	167	170	217	140	139	—	65	65	15	6	4× M32× 1.5	42	286	M12×20	0 7120 7240 °

Type	Phases																						X-Holes	
型号	相位	A	B	C	C'	D	E	F	G	H	J	K	L	M	N	O	ΦP	ΦR	S	V	W	ΦX		Y×Z
DHB 840C 7D5	3 ~	500	550	152	—	356	394	589	226	300	167	170	217	140	236	125	65	15	66	4× M32× 1.5	42	286	M12× 20	0 7120 7240 °
DHB 840C 011	3 ~	500	550	—	336	356	394	694	318	300	197	170	217	312	212	165	65	15	66	4× M40× 1.5	54	286	M12× 20	0 7120 7240 °

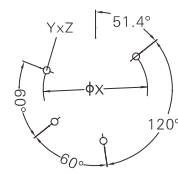
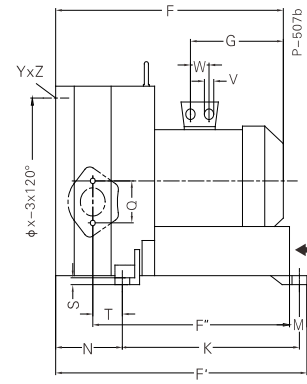
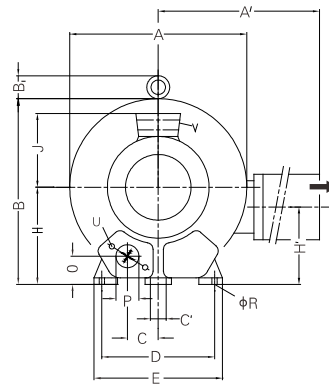


Diemensions for side channel blower 侧风道风机尺寸 DHB910.,DHB920.,DHB930 (mm)

DHB910./DHB930..



DHB920.



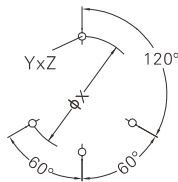
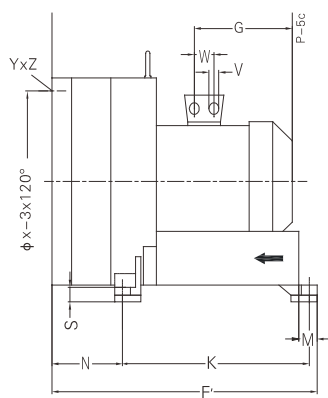
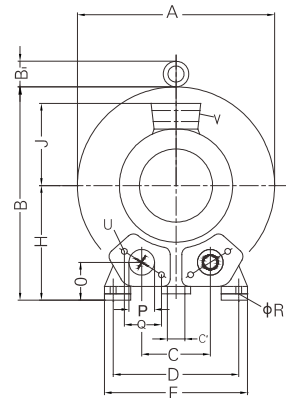
Type	Phases																											
型号	相位	A	B	B'	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	φP	Q	φR	S	U	V	W	φX	Y×Z	X-Holes
DHB 910C 8D5	3 ~	550	569	55	207	15	360	415	525	644	605	268	300	167	533	39	89	92	100	150	15	21	M12× 30	4× M32× 1.5	42	490	M12× 30	
DHB 910C 12D5	3 ~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	100	150	15	21	M12× 30	4× M32× 1.5	54	490	M12× 30	0 7120 ° /240 °
DHB 910C 18D5	3 ~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	100	150	15	21	M12× 30	4× M32× 1.5	54	490	M12× 30	0 7120 ° /240 °
DHB 930C 8D5	3 ~	550	569	55	207	15	360	415	563	682	643	268	300	167	533	39	127	92	100	150	15	21	M12× 30	4× M32× 1.5	42	490	M12× 30	0 7120 ° /240 °
DHB 930C 12D5	3 ~	550	569	55	207	15	360	415	649	682	643	345	300	197	533	39	127	92	100	150	15	21	M12× 30	4× M32× 1.5	54	490	M12× 30	0 7120 ° /240 °
DHB 930C 18D5	3 ~	550	569	55	207	15	360	415	649	682	643	345	300	197	533	39	127	92	100	150	15	21	M12× 30	4× M32× 1.5	54	490	M12× 30	0 7120 ° /240 °

Type	Phases																											X-Holes			
型号	相位	A	A'	B	B'	C	C'	D	E	F	F'	F''	G	H	H'	J	K	M	N	O	ΦP	Q	ΦR	S	T	U	V			W	ΦX
DHB 920C 12D5	3 ~	615	780	607	55	103.5	15	360	415	752	786	634	345	300	236	197	533	39	230	92	100	150	15	21	117	M12× 30	4× M40× 1.5	54	490	M12× 30	51 7120 ° /240 °
DHB 920C 16D5	3 ~	615	780	607	55	103.5	15	360	415	752	786	634	345	300	236	197	533	39	230	92	100	150	15	21	117	M12× 30	4× M40× 1.5	54	490	M12× 30	51 7120 ° /240 °
DHB 920C 020	3 ~	615	780	607	55	103.5	15	360	415	752	786	634	345	300	236	197	533	39	230	92	100	150	15	21	117	M12× 30	4× M40× 1.5	54	490	M12× 30	51 7120 ° /240 °
DHB 920C 025	3 ~	615	780	607	55	103.5	15	360	415	812	786	634	345	300	236	197	533	39	230	92	100	150	15	21	117	M12× 30	4× M40× 1.5	54	490	M12× 30	51 7120 ° /240 °

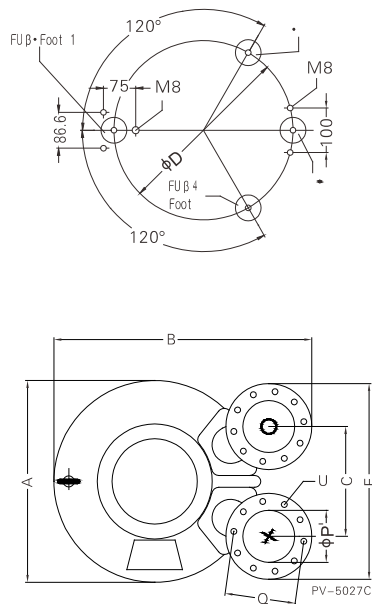
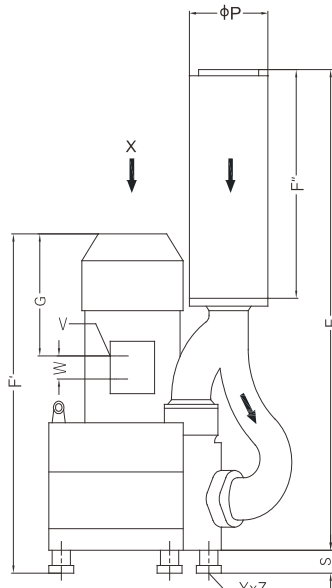


Diemensions for side channel blower 侧风道风机尺寸 DHB940.,DHB943.(mm)

DHB940



DHB943

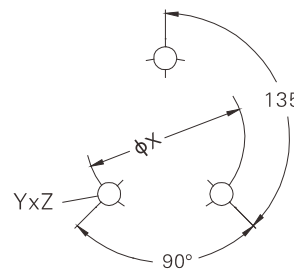
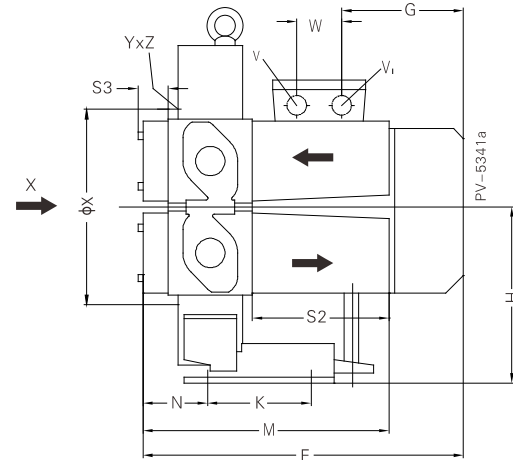
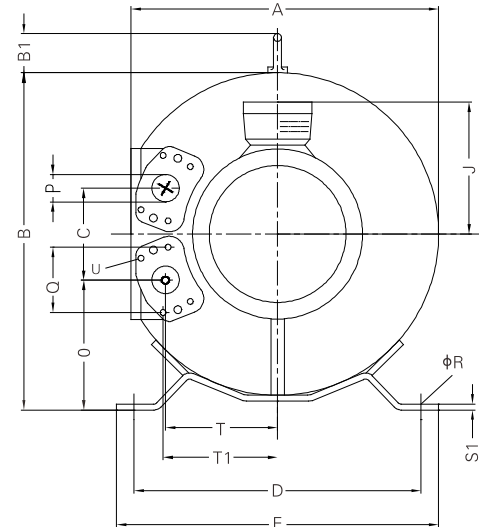


Type	Phases																										
型号	相位	A	B	B ₁	C	C'	D	E	F	F'	G	H	J	K	M	N	O	ΦP	Q	ΦR	S	U	V	W	ΦX	Y×Z	X-Holes
DHB 940C 015	3 ~	615	663	55	207	15	360	415	752	786	345	350	197	533	39	230	132	100	140	15	79	M12× 35	4× M40× 1.5	54	490	M12× 30	0 7120 7240 *
DHB 940C 020	3 ~	615	663	55	207	15	360	415	752	786	345	350	197	533	39	230	132	100	140	15	79	M12× 35	4× M40× 1.5	54	490	M12× 30	0 7120 7240 *
DHB 940C 025	3 ~	615	663	55	207	15	360	415	752	786	345	350	197	533	39	230	132	100	140	15	79	M12× 35	4× M40× 1.5	54	490	M12× 30	0 7120 7240 *

Type	Phases																	
型号	相位	A	B	C	D	E	F	F'	F''	G	P	P'	Q	S	U	V	W	Y× Z
DHB 943C 015	3 ~	615	723	307	490	526	1201	848	578	291	219	135	201	58	M8× 40	4× M40× 1.5	54	M12× 10.5
DHB 943C 020	3 ~	615	723	307	490	526	1201	848	578	291	219	135	201	58	M8× 40	4× M40× 1.5	54	M12× 10.5
DHB 943C 025	3 ~	615	723	307	490	526	1201	848	578	291	219	135	201	58	M8× 40	4× M40× 1.5	54	M12× 10.5



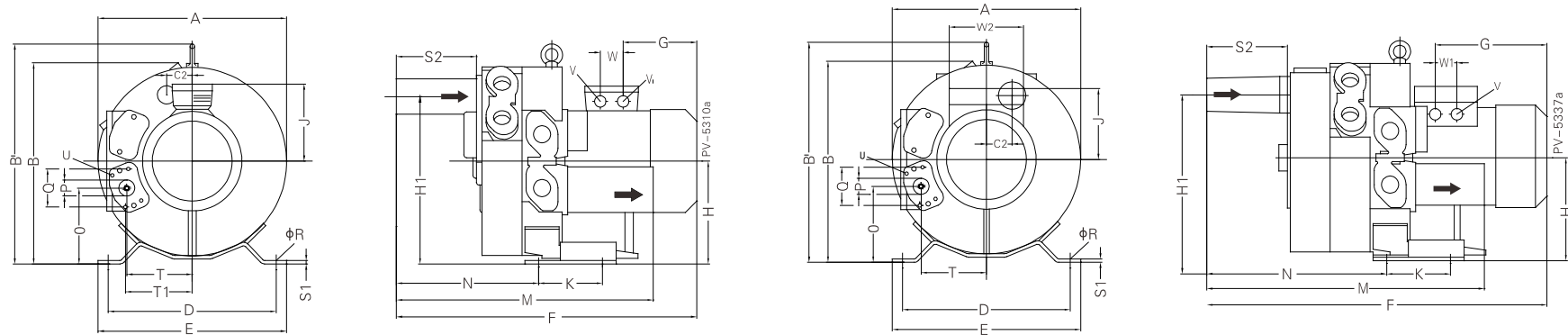
Diemensions for side channel blower 侧风道风机尺寸 DHBT210.,DHBT310.,DHBT410.,DHBT510.,DHBT610.(mm)



Type	Phases																												
型号	相位	A	B	B'	C	D	E	F	G	H	J	K	M	N	O	P	Q	φR	S ₁	S ₂	S ₃	T	T ₁	U	V	V ₁	W	φX	Y×Z
DHBT 210B D55	3~	294	319	39	87	260	298	293	129	167	111	105	252	65	124	G1 1/4 (18deep)	64	14	4	140	31	105	107	M6×17	M25×1.5	M16×1.5	32	153	M6×15
DHBT 210E D55	1~	294	319	39	87	260	298	293	129	167	111	105	252	65	124	G1 1/4 (18deep)	64	14	4	140	31	105	107	M6×17	M25×1.5	M16×1.5	32	153	M6×15
DHBT 310B D55	3~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4 (18deep)	64	14	4	140	31	114	116	M6×17	M25×1.5	M16×1.5	32	153	M6×15
DHBT 310B D81	3~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4 (18deep)	64	14	4	140	31	114	116	M6×17	M25×1.5	M16×1.5	32	153	M6×15
DHBT 310E D94	1~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4 (18deep)	64	14	4	140	31	114	116	M6×17	M25×1.5	M16×1.5	32	153	M6×15
4RBT 310E D94	1~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4 (18deep)	64	14	4	140	31	114	116	M6×17	M25×1.5	M16×1.5	32	153	M6×15
DHBT 410B 1D1	3~	346	375	38	103	315	350	321	153	195	120	130	260	66	143	G1 1/4 (18deep)	64	14	4	140	31	125	127	M6×17	M25×1.5	M16×1.5	32	167	M6×15
DHBT 410A 1D1	1~	346	375	38	103	315	350	321	153	195	120	130	260	66	143	G1 1/4 (18deep)	64	14	4	140	31	125	127	M6×17	M25×1.5	M16×1.5	32	167	M6×15
DHBT 510B 1D5	3~	368	395	39	114	328	363	361	185	205	128	152	265	68	148	G1 1/4 (18deep)	64	14	5	140	31	137	138	M6×17	M25×1.5	M16×1.5	32	192	M8×15
DHBT 510B 2D2	3~	368	395	39	114	328	363	361	185	205	128	152	265	68	148	G1 1/4 (18deep)	64	14	5	140	31	137	138	M6×17	M25×1.5	M16×1.5	32	192	M8×15
DHBT 610B 2D2	3~	418	455	39	127	371	406	364	185	235	128	152	271	72	172	G1 1/4 (18deep)	64	14	5	140	31	153	155	M6×17	M25×1.5	M16×1.5	32	228	M8×15
DHBT 610B 3D3	3~	418	455	39	127	371	406	390	211	235	128	152	271	72	172	G1 1/4 (18deep)	64	14	5	140	31	153	155	M6×17	M25×1.5	M16×1.5	32	228	M8×15



Diemensions for side channel blower 侧风道风机尺寸 DHBT220.,DHBT320.,DHBT420.,DHBT520.,DHBT620.,DHBT630.(mm)

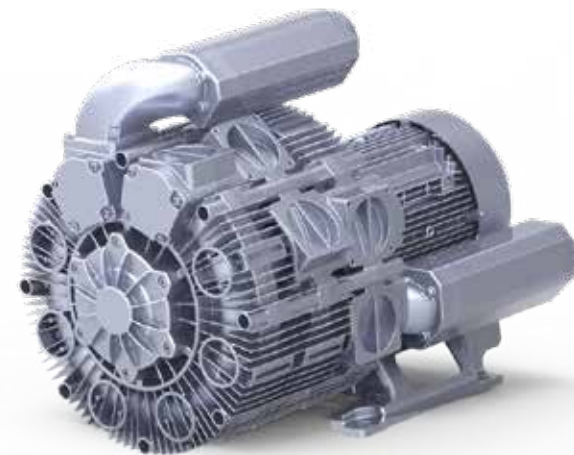


Type	Phases																										
型号	相位	A	B	B'	C ₂	D	E	F	H	H ₁	J	K	M	N	O	P	Q	φR	S ₁	S ₂	S ₃	T	T ₁	U	V	V ₁	W
DHBT 220B D81	3~	313	326	359	43	260	298	469	167	272	111	105	426	241	123	G1 1/4(18deep)	64	14	4	140	31	105	107	M6×17	M25×1.5	M16×1.5	32
DHBT 220B 1D5	3~	313	326	359	43	260	298	525	167	272	128	105	426	241	123	G1 1/4(18deep)	64	14	4	140	31	105	107	M6×17	M25×1.5	M16×1.5	32
DHBT 220E 1D5	1~	313	326	359	43	260	298	525	167	272	128	105	426	241	123	G1 1/4(18deep)	64	14	4	140	31	105	107	M6×17	M25×1.5	M16×1.5	32
DHBT 320B 1D1	3~	331	345	380	47	290	325	390	177	291	120	105	431	243	130	G1 1/4(18deep)	64	14	4	140	31	114	116	M6×17	M25×1.5	M16×1.5	32
DHBT 320B 1D5	3~	331	345	380	47	290	325	421	177	291	128	105	431	243	130	G1 1/4(18deep)	64	14	4	140	31	114	116	M6×17	M25×1.5	M16×1.5	32
DHBT 320A 1D5	1~	331	345	380	47	290	325	421	177	291	128	105	431	243	130	G1 1/4(18deep)	64	14	4	140	31	125	127	M6×17	M25×1.5	M16×1.5	32
DHBT 420B 1D5	3~	363	377	414	52	315	350	529	195	319	128	130	436	243	143	G1 1/4(18deep)	64	14	4	140	31	125	127	M6×17	M25×1.5	M16×1.5	32
DHBT 420B 3D3	3~	363	377	414	52	315	350	554	195	319	128	130	436	243	143	G1 1/4(18deep)	64	14	4	140	31	125	127	M6×17	M25×1.5	M16×1.5	32
DHBT 520B 2D2	3~	387	402	435	57	328	363	549	206	343	128	152	453	256	148	G1 1/4(18deep)	64	14	5	140	31	137	138	M6×17	M25×1.5	M16×1.5	42
DHBT 520C 004	3~	387	402	435	57	328	363	603	206	343	148	152	453	256	148	G1 1/4(18deep)	64	14	5	140	31	137	138	M6×17	2× M32×1.5	M16×1.5	32
DHBT 620B 3D3	3~	442	457	495	63	372	406	578	236	389	128	152	458	259	173	G1 1/4(18deep)	64	14	5	140	31	153	155	M6×17	M25×1.5	M16×1.5	42
DHBT 620C 5D7	3~	442	457	495	63	372	406	643	236	389	148	152	458	259	173	G1 1/4(18deep)	64	14	5	140	31	153	155	M6×17	2× M32×1.5	M16×1.5	

Type																								
型号	A	B	B'	C ₂	D	E	F	G	H	H1	K	M	N	O	P	Q	φR	S ₁	S ₂	T	U	V	W ₁	W ₂
DHBT 650C 7D5	442	402	492	63	371	406	717	274	236	389	152	539	336	172	G11/4(18deep)	64	14	5	146	153	M6×17	M32×1.5	42	120



DHB 3NB Serise DHB 3NB 系列



DHB 3NB Serise

How much demand does 1050 mbar
side channel blower meet



DHB 3NB系列 /DHB 3NB Series Double / Multi -stage

漩涡式气泵在真空和压力操作的选型和订购参数 (多级)

Selection and ordering data for side channel blowers in vacuum and pressure operation(Multi-stage)

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHB 3NB	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
DHB 350 - 1AAT16-2D2	50	2.2	200-260Δ/350-450Y	8.1Δ/4.6Y	45	64	315	-190	170	DAF-10
	60	2.55	230-290Δ/400-500Y	8.0Δ/4.6Y		68	370	-150	130	RV-02
DHB 350 - 1AAT26-003	50	3.3	350-450Δ/610-725Y	11.4Δ/6.5Y	50	65	315	-290	270	DAF-10
	60	3.45	400-500Δ/690-725Y	10.8Δ/6.2Y		69	370	-250	220	RV-02
DHB 350 - 1AAT37-004	50	4.0	350-450Δ/610-725Y	8.4Δ/4.8Y	62	65	315	-350	390	DAF-10
	60	4.6	400-500Δ/690-725Y	8.2Δ/4.7Y		69	370	-370	340	RV-02
DHB 350 - 1AAT47-5D5	50	5.5	350-450Δ/610-725Y	11.1Δ/6.4Y	74	65	315	-350	500	DAF-10
	60	6.3	400-500Δ/690-725Y	11.0Δ/6.4Y		69	370	-390	510	RV-02
DHB 550 - 1AAT26-003	50	3.0	200-260Δ/350-450Y	11.4Δ/6.5Y	66	69	480	-130	120	DAF-10
	60	3.45	230-290Δ/400-500Y	10.8Δ/6.2Y		74	565	-70	60	RV-02
DHB 550 - 1AAT37-004	50	4.0	350-450Δ/610-725Y	8.4Δ/4.8Y	78	69	480	-230	200	DAF-10
	60	4.6	400-500Δ/690-725Y	8.2Δ/4.7Y		74	565	-170	140	RV-02
DHB 550 - 1AAT47-5D5	50	5.5	350-450Δ/610-725Y	11.1Δ/6.4Y	88	69	480	-380	330	DAF-10
	60	6.3	400-500Δ/690-725Y	11.0Δ/6.4Y		85	565	-310	260	RV-02
DHB 550 - 1AAT57-7D5	50	7.5	350-450Δ/610-725Y	15.0Δ/8.7Y	98	69	480	-380	500	DAF-10
	60	8.6	400-500Δ/690-725Y	15.1Δ/8.8Y		85	565	-410	440	RV-02



DHB 3NB系列 /DHB 3NB Series Double / Multi -stage Selection diagram 50/60Hz 单极 50/60Hz 选型图表 3NB

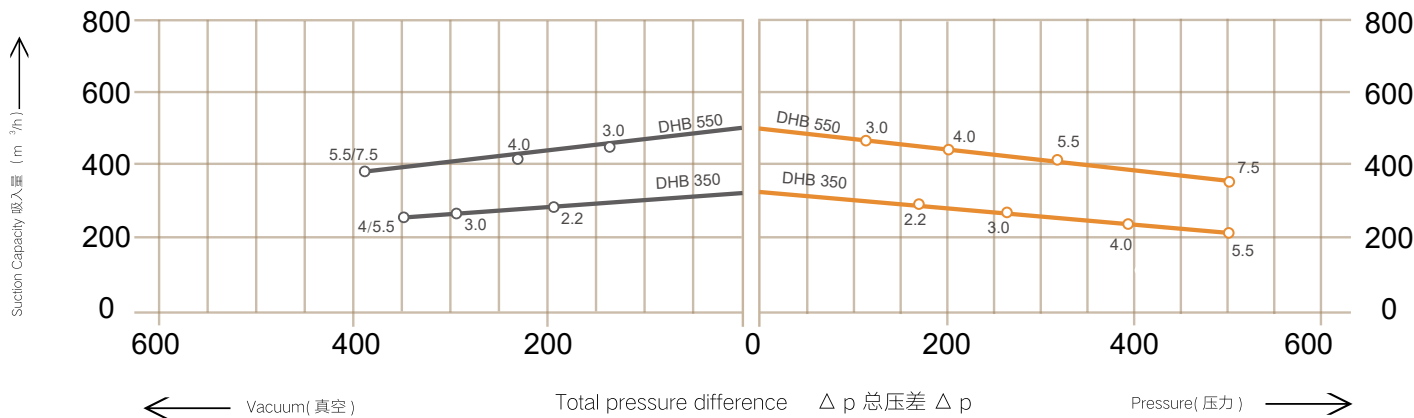


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013 mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时， 仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

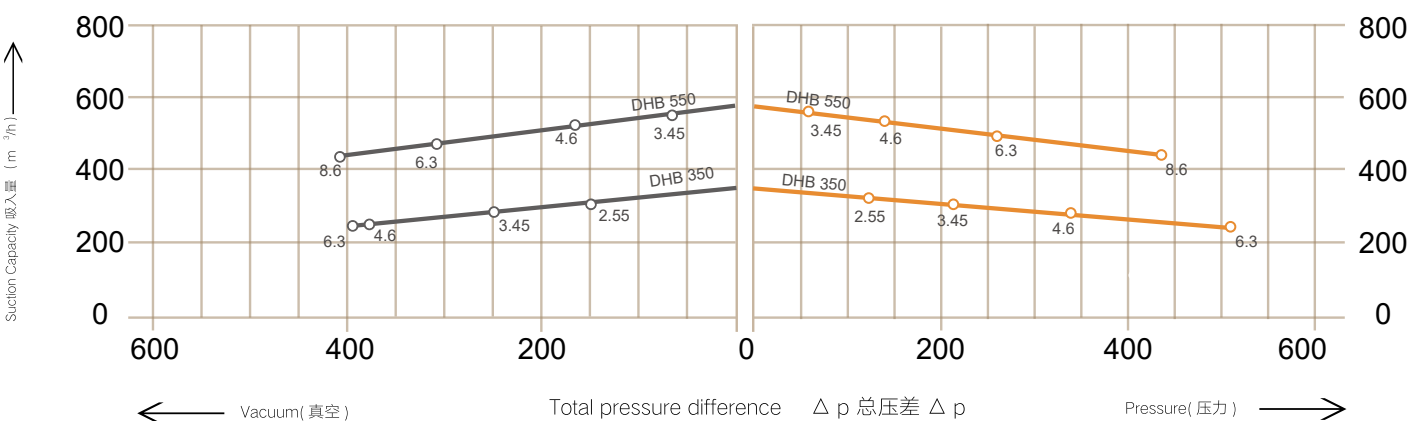
Vacuum Selection diagram 50Hz——真空选型图表 50Hz

Compressor Selection Diagram 50Hz 一压缩选型图表 50Hz



Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz 一压缩选型图表 60Hz





DHB 3NB系列 /DHB 3NB Series Double / Multi -stage

漩涡式气泵在真空和压力操作的选型和订购参数 (多级)

Selection and ordering data for side channel blowers in vacuum and pressure operation(Multi-stage)

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHBT 3AC	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
DHB 350 - 3AAT37-004	50	4	350-450Δ/610-725Y	8.4Δ/4.8Y	82	69	320	-300	250	DAF-10
	60	4.6	400-500Δ/690-725Y	8.2Δ/4.7Y		72	380	-200	150	RV-02
DHB 350 - 3AAT47-5D5	50	5.5	350-450Δ/610-725Y	11.0Δ/6.4Y	82	71	320	-490	410	DAF-10
	60	6.3	400-500Δ/690-725Y	11.1Δ/6.4Y		74	380	-410	300	RV-02
DHB 350 - 3AAT57-7D5	50	7.5	350-450Δ/610-725Y	15.0Δ/8.1Y	100	71	320	-680	620	DAF-10
	60	8.6	400-500Δ/690-725Y	15.7Δ/8.1Y		74	380	-650	510	RV-02
DHB 350 - 3AAT67-011	50	11	350-450Δ/610-725Y	22.0Δ/12.7Y	120	72	320	-680	1020	DAF-10
	60	12.6	400-500Δ/690-725Y	22.1Δ/12.9Y		76	380	-650	880	RV-02
DHB 350 - 3AAT77-015	50	15	350-450Δ/610-725Y	30.5Δ/17.3Y	136	72	320	-680	1020	DAF-10
	60	17.3	400-500Δ/690-725Y	29.5Δ/17.0Y		76	380	-620	1050	RV-02
DHB 550 - 3AAT57-7D5	50	7.5	350-450Δ/610-725Y	15.0Δ/8.7Y	142	71	480	-380	280	DAF-10
	60	8.6	400-500Δ/690-725Y	15.1Δ/8.8Y		77	580	-240	140	RV-02
DHB 550 - 3AAT67-011	50	11	350-450Δ/610-725Y	22.0Δ/12.7Y	167	71	480	-610	540	DAF-10
	60	12.6	400-500Δ/690-725Y	22.0Δ/12.9		77	580	-590	390	RV-02
DHB 550 - 3AAT77-015	50	15	350-450Δ/610-725Y	30.5Δ/17.0Y	180	71	480	-610	830	DAF-10
	60	17.3	400-500Δ/690-725Y	29.5Δ/17.3Y		77	580	-590	680	RV-02
DHB 550 - 3AAT87-18D5	50	18.5	350-450Δ/610-725Y	37.0Δ/21.0Y	195	71	480	-610	1020	DAF-10
	60	21.3	400-500Δ/690-725Y	36.5Δ/21.0Y		77	580	-590	870	RV-02



DHB 3NB系列 /DHB 3NB Series Double / Multi -stage Selection diagram 50/60Hz 三极 50/60Hz 选型图表 3NB

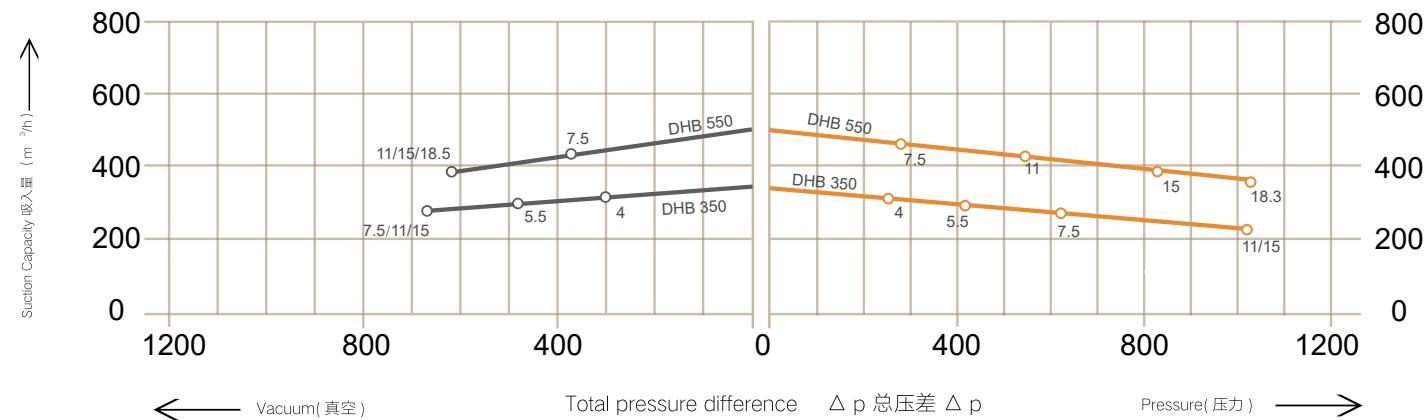


下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时，仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

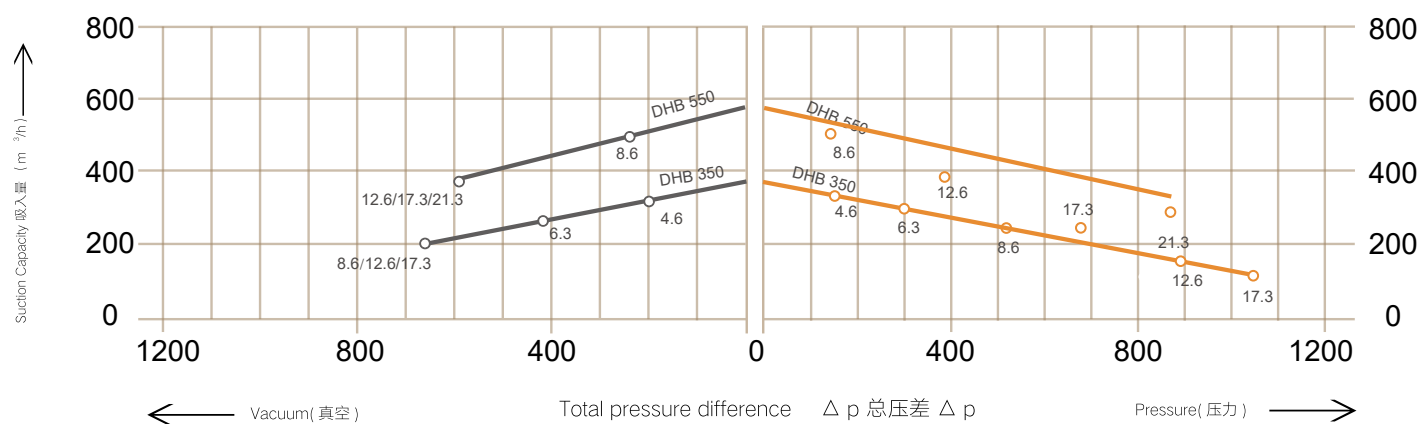
Vacuum Selection diagram 50Hz——真空选型图表 50Hz

Compressor Selection Diagram 50Hz 一压缩选型图表 50Hz



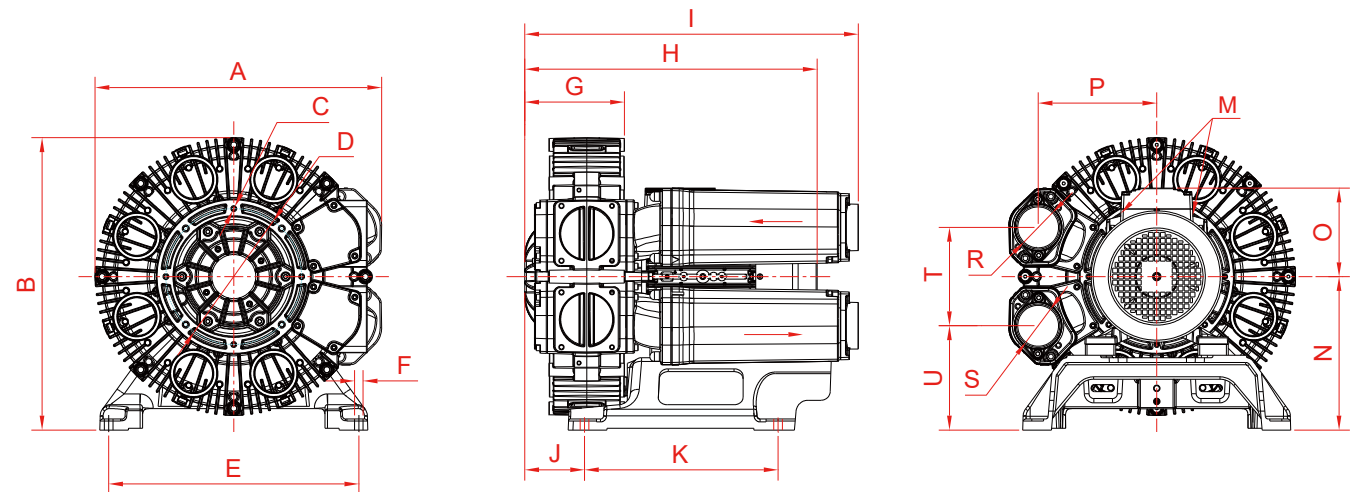
Vacuum Selection diagram 60Hz——真空选型图表 60Hz

Compressor Selection Diagram 60Hz 一压缩选型图表 60Hz

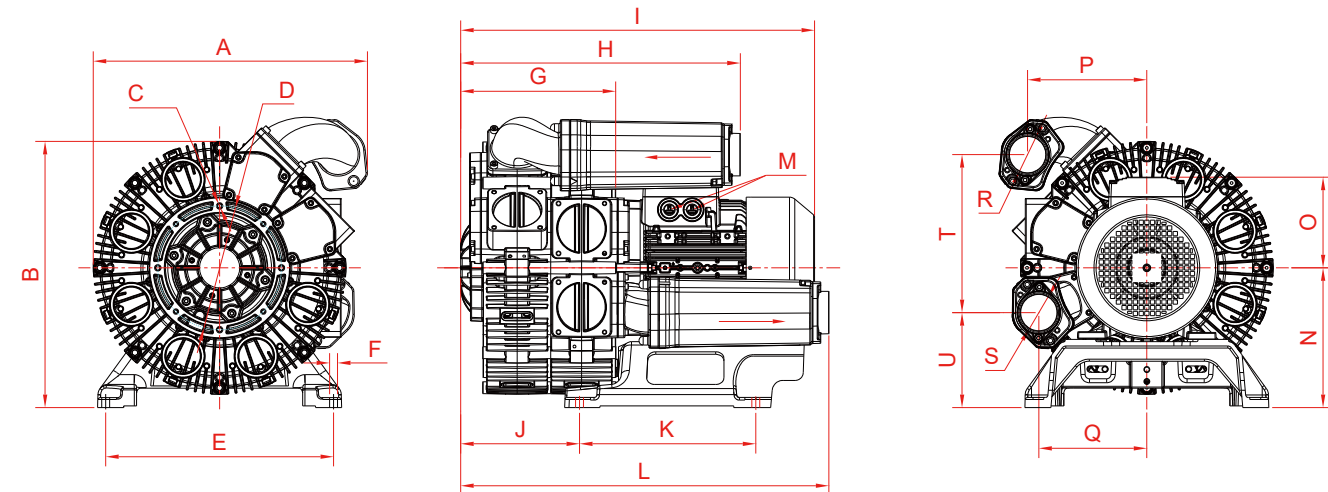




Diemensions for side channel blowe 侧风道风机尺寸 3NB DHB 350 DHB 550



型号	A	B	C	D	E	F	G	H	I	J	K	M	N	O	P	R	S	T	U
DHB 350 - 1AAT16-2D2	481	490	6-M8	228	420	14.5	167	480	560	100	325	4-M32X1.5	257	128	199	G2.5	G2.5	165	175
DHB 350 - 1AAT26-003	481	490	6-M8	228	420	14.5	167	520	560	100	325	4-M32X1.5	257	135	199	G2.5	G2.5	165	175
DHB 350 - 1AAT37-004	481	490	6-M8	228	420	14.5	167	490	560	100	325	4-M32X1.5	257	148	199	G2.5	G2.5	165	175
DHB 350 - 1AAT47-5D5	481	490	6-M8	228	420	14.5	167	534	560	100	325	4-M32X1.5	257	167	199	G2.5	G2.5	165	175
DHB 550 - 1AAT26-003	550	545			420	14.5	189	520	644	121	325	4-M32X1.5	284	135	227	G3	G3	187	191
DHB 550 - 1AAT37-004	550	545			420	14.5	189	539	644	121	325	4-M32X1.5	284	148	227	G3	G3	187	191
DHB 550 - 1AAT47-5D5	550	545			420	14.5	189	556	644	121	325	4-M32X1.5	284	167	227	G3	G3	187	191
DHB 550 - 1AAT57-7D5	550	545			420	14.5	189	556	644	121	325	4-M32X1.5	284	167	227	G3	G3	187	191



型号	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
DHB 350 - 2AAT26-003	505	490	6-M8	228	420	14.5	286	516	660	219	325	679	4-M32X1.5	257	135	220	199	G2.5	G2.5	291	206
DHB 350 - 2AAT37-004	505	490	6-M8	228	420	14.5	286	516	610	219	325	679	4-M32X1.5	257	148	220	199	G2.5	G2.5	291	206
DHB 350 - 2AAT47-5D5	505	490	6-M8	228	420	14.5	286	516	653	219	325	679	4-M32X1.5	257	167	220	199	G2.5	G2.5	291	206
DHB 350 - 2AAT57-7D5	505	490	6-M8	228	420	14.5	286	516	653	219	325	679	4-M32X1.5	257	167	220	199	G2.5	G2.5	291	206
DHB 350 - 2AAT67-011	505	490	6-M8	228	420	14.5	286	516	756	219	325	679	4-M40X1.5	285	197	220	199	G2.5	G2.5	291	206
DHB 550 - 2AAT47-5D5	573	546			420	14.5	319	602	685	251	325	774	4-M32X1.5	280	167	246	227	G3	G3	328	191
DHB 550 - 2AAT57-7D5	573	546			420	14.5	319	602	685	251	325	774	4-M32X1.5	280	167	246	227	G3	G3	328	191
DHB 550 - 2AAT67-011	573	546			420	14.5	319	602	790	251	325	774	4-M40X1.5	285	197	246	227	G3	G3	328	191
DHB 550 - 2AAT77-015	573	546			420	14.5	319	602	790	251	325	774	4-M40X1.5	285	197	246	227	G3	G3	328	191



DHB 3NB系列 /DHB 3NB Series Double / Multi -stage

漩涡式气泵在真空和压力操作的选型和订购参数 (多级)

Selection and ordering data for side channel blowers in vacuum and pressure operation(Multi-stage)

订购型号 Order Model	马 达 MOTOR				重量 Weight approx	噪音 Sound level	最大流量 Maximum airflow	最高真空 Maximum vacuum	最高压力 Maximum pressure	过滤器 Air fliter
DHB 3NB	Frequency	额 定 Rated								释压阀 Vacuum relief valve
		输出功率 output	电 压 voltage	电 流 current						
	HZ	KW	V	A	KG	dB(A)	m³/h	mbar	mbar	
DHB 350 - 2AAT26-003	50	3.0	200-260Δ/350-450Y	11.4Δ/6.5Y	68	68	320	-230	190	DAF-10
	60	3.45	230-290Δ/400-500Y	10.8Δ/6.2Y		71	380	-150	120	RV-02
DHB 350 - 2AAT37-004	50	4.0	350-450Δ/610-725Y	8.4Δ/4.8Y	79	69	320	-350	310	DAF-10
	60	4.6	400-500Δ/690-725Y	8.2Δ/4.7Y		72	380	-280	230	RV-02
DHB 350 - 2AAT47-5D5	50	5.5	350-450Δ/610-725Y	11.1Δ/6.4Y	90	71	320	-530	480	DAF-10
	60	6.3	400-500Δ/690-725Y	11.0Δ/6.4Y		74	380	-480	390	RV-02
DHB 350 - 2AAT57-7D5	50	7.5	350-450Δ/610-725Y	15.0Δ/8.7Y	97	71	320	-530	700	DAF-10
	60	8.6	400-500Δ/690-725Y	15.1Δ/8.8Y		74	380	-580	610	RV-02
DHB 350 - 2AAT67-011	50	11.0	350-450Δ/610-725Y	22.0Δ/12.7Y	120	72	320	-530	870	DAF-10
	60	12.6	400-500Δ/690-725Y	22.0Δ/12.9Y		76	380	-580	930	RV-02
DHB 550 - 2AAT47-5D5	50	5.5	350-450Δ/610-725Y	11.1Δ/6.4Y	118	70	480	-270	220	DAF-10
	60	6.3	400-500Δ/690-725Y	11.0Δ/6.4Y		74	580	-180	130	RV-02
DHB 550 - 2AAT57-7D5	50	7.5	350-450Δ/610-725Y	15.0Δ/8.7Y	126	70	480	-450	370	DAF-10
	60	8.6	400-500Δ/690-725Y	15.1Δ/8.8Y		74	580	-370	280	RV-02
DHB 550 - 2AAT67-011	50	11.0	350-450Δ/610-725Y	22.0Δ/12.7Y	145	70	480	-530	630	DAF-10
	60	12.6	400-500Δ/690-725Y	22.0Δ/12.9Y		74	580	-540	530	RV-02
DHB 550 - 2AAT77-015	50	15	350-450Δ/610-725Y	30.5Δ/17.3Y	156	70	480	-530	890	DAF-10
	60	17.3	400-500Δ/690-725Y	29.5Δ/17.0Y		74	580	-540	870	RV-02



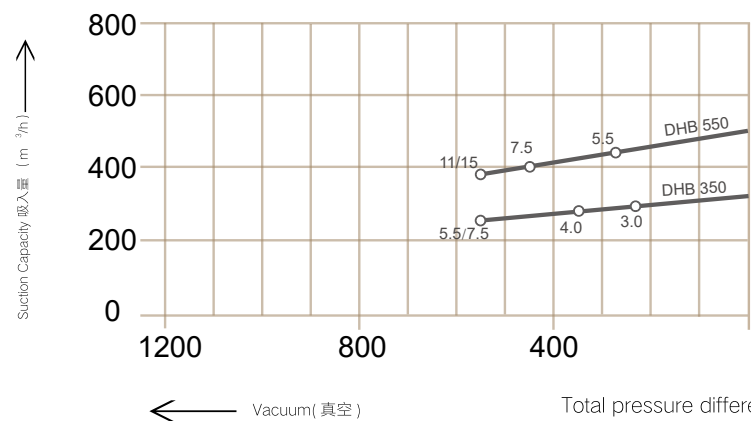
DHB 3NB系列 /DHB 3NB Series Double / Multi -stage Selection diagram 50/60Hz 双极 50/60Hz 选型图表 3NB



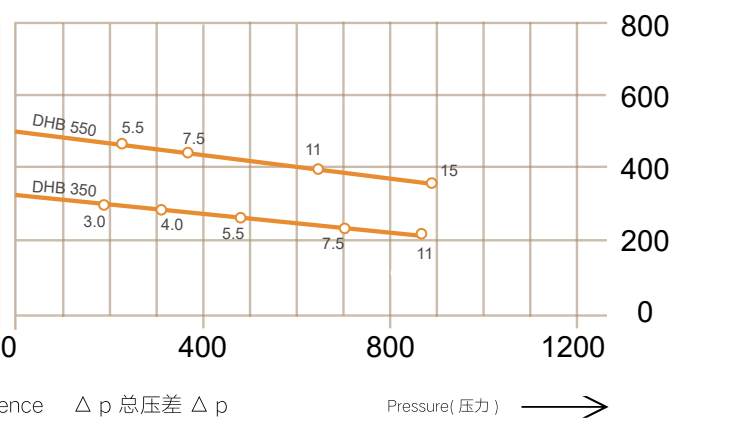
下面的压力-流量性能曲线是在抽吸15℃空气，排气压力1013mbar 的工况下测出的，允许差±10%，吸入空气和环境温度不超过25℃时， 仍可达到图示总压差。

The following Pressure-flow performance curve is measured under the condition of suction of 15 °C air and exhaust pressure 1013mbar. The allowable difference is ± 10%. When the inlet air and ambient temperature do not exceed 25 °C, the following diagram can still be achieved.

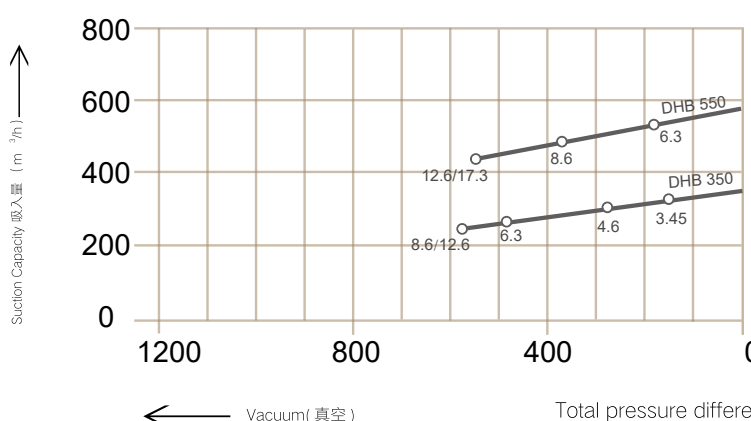
Vacuum Selection diagram 50Hz——真空选型图表 50Hz



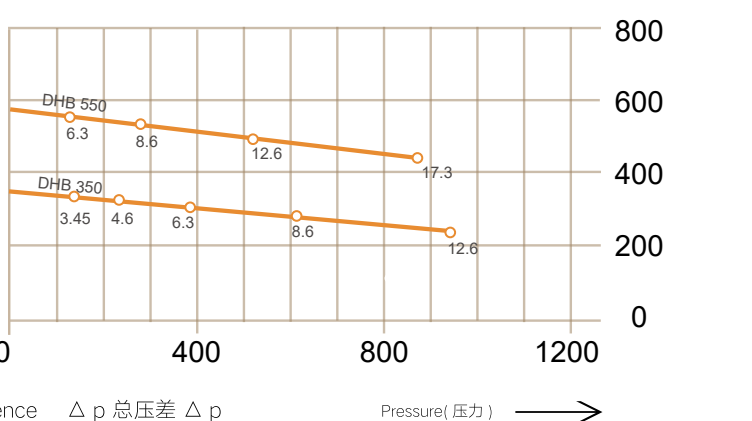
Compressor Selection Diagram 50Hz 一压缩选型图表 50Hz

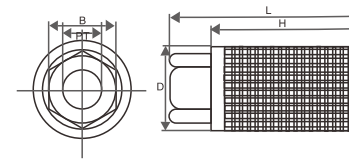
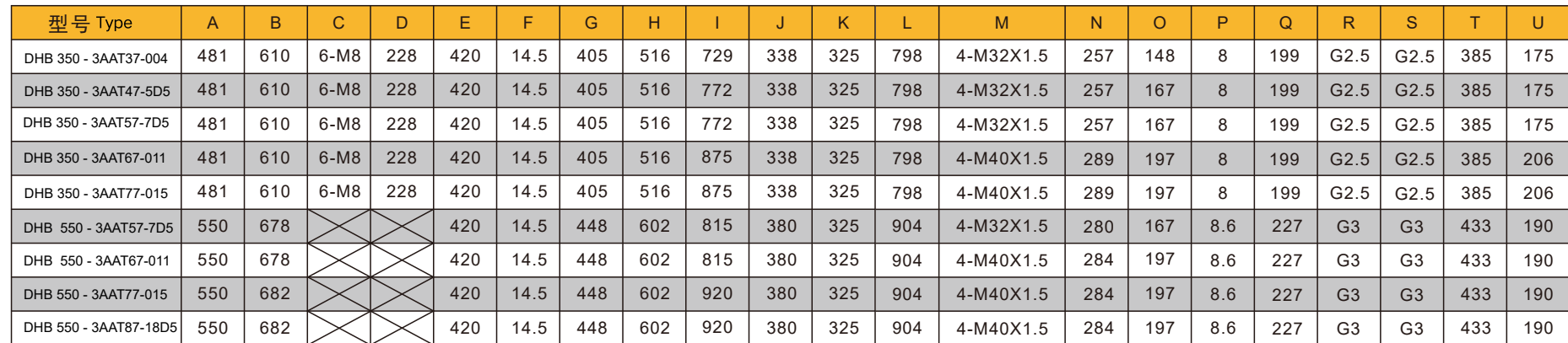


Vacuum Selection diagram 60Hz——真空选型图表 60Hz



Compressor Selection Diagram 60Hz 一压缩选型图表 60Hz

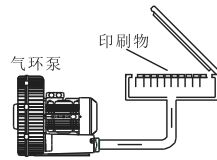
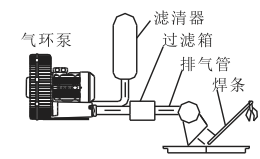
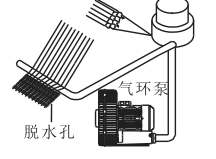
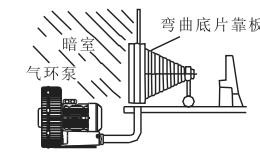
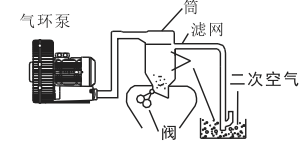
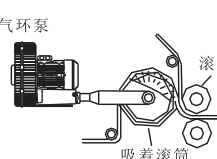
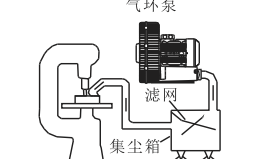
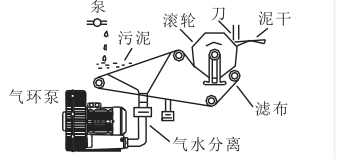
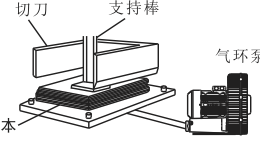
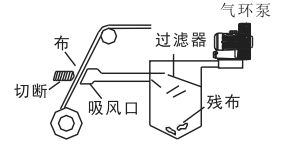
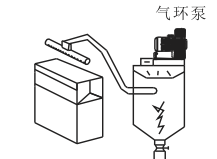
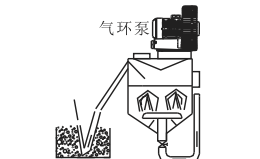
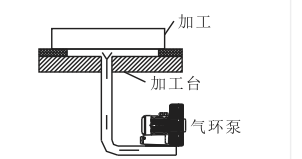
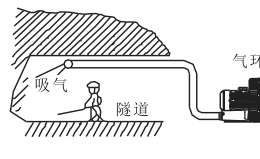
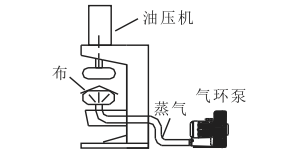




型号 Model	PT	D (mm)	L (mm)	H (mm)	B (mm)	精度 Precision	流量 Flow m³/h	重量 Weight kg	材质 Material
DAF-8	1	58	170	155	42	100	110	0.20	铝合金 Aluminum alloy
DAF-10	1½	71	186	170	54	100	210	0.35	铝合金 Aluminum alloy
DAF-12	1½	85	196	182	65	100	285	0.49	铝合金 Aluminum alloy
DAF-16	2	103	215	202	75	100	395	0.56	铝合金 Aluminum alloy
DAF-20	2½	148	274	252	97	100	750	1.20	铝合金 Aluminum alloy
DAF-32	4	208	380	357	142	100	1000	2.45	铝合金 Aluminum alloy

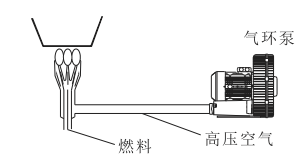
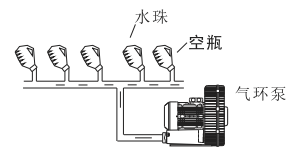
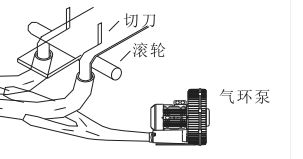
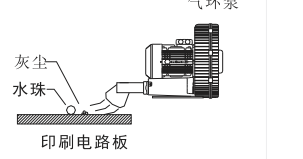
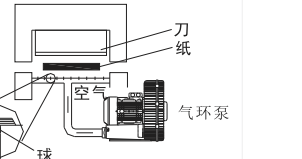
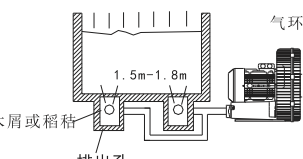
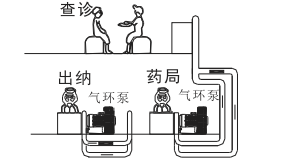
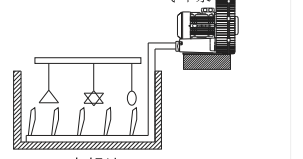
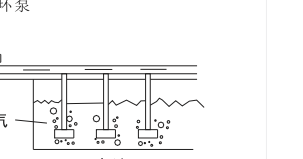
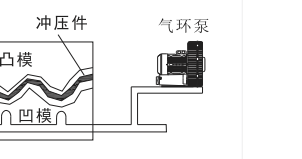
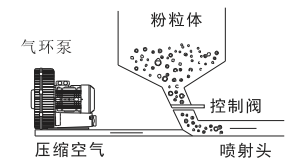
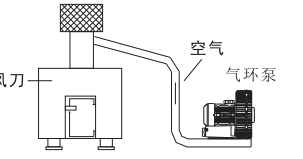
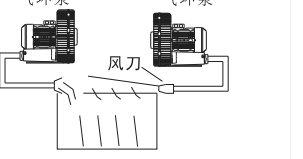
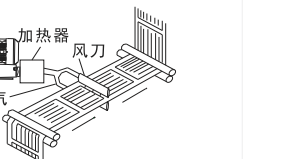


应用案例（吸气/真空）Applications (Suction/Vacuum)

 印刷物 气环泵	 气环泵 滤清器 过滤箱 排气管 焊条	 气环泵 脱水孔	 气环泵 暗室 弯曲底片靠板	 气环泵 筒 滤网 二次空气 阀
利用吸着压力固定，以利印刷作业	焊接时产生烟气和灰尘，可以真空方式排到它处，保障操作员健康	吸除水分及固定线头，提高品质效率	利用真空吸力来保护底片，使之平坦，适合照相制版工业	塑胶原料等粒状物体，用吸、吹风来输送
印刷吸着	工业吸尘	真空脱水	制书本机	残布处理
 气环泵 滚筒 吸着滚筒	 气环泵 滤网 集尘箱	 气环泵 泵 污泥 滚轮 刀 泥干 滤布 气水分离	 切刀 支持棒 气环泵 本	 布 切断 吸风口 过滤器 残布 气环泵
真空吸着印刷或者纸巾形成移送	工厂经常有废屑残留在机台上，可以吸抽收集	纸浆脱水，污染脱水，布匹脱水等	切断时之书本吸着保持	布匹切断处理
牛乳纸盒填充机	豆腐机械	加工物的保持	工事现场	烫布机
 气环泵	 气环泵	 加工 加工台 气环泵	 吸气 隧道 气环泵	 布 油压机 蒸气 气环泵
牛乳盒填充之真空吸引利用	吸引大豆输送，至清洗槽洗净使用	木板、塑胶等非磁性物体之固定用	隧道与狭小工事现场，产生粉尘，有毒瓦斯之局部除去	烫布时将蒸气排放出



应用案例（吹气/正压）Applications (Discharge/Pressure)

 气环泵 燃料 高压空气	 水珠 空瓶 气环泵	 切刀 滚轮 气环泵	 气环泵 灰尘 水珠 印刷电路板	 刀 纸 球 气环泵
足够的风量，2.000mmaq 减轻对压缩机的依赖	饮料空瓶水洗后吹干，适用于食品业	塑料、布、纸等裁边后自动收集	电路板用风机来吹出微小灰尘和杂物	增加浮力，容易移动
蓄粪发酵曝气	传票输送	电解液搅拌	养殖池空气补给	冲床机
 气环泵 1.5m-1.8m 木屑或稻秸 排出孔	 查诊 出纳 药局 气环泵	 气环泵 电解池	 气环泵 氧气 水池	 冲压件 凸模 凹模 气环泵
蓄粪槽吹入空气增氧，增加接触面积，也适合污水处理	以空气为动力输送文件既快有准确	利用空气来搅拌电解池，令电镀迅速，效果均匀	水中氧气补给用	帮助取出冲压件
粉粒输送	焚化炉	烟气吹送	洗车吹干	印刷强制干燥
 气环泵 粉粒体 压缩空气 控制阀 喷射头	 风刀 空气 气环泵	 气环泵 风刀 气环泵	 气环泵 风刀	 气环泵 加热器 风刀 暖气
粉粒体等原料的输送	空气的助燃与废气之排除	让散出之烟气迅速排出，以免造成污染	洗车机洗完吹干水分	使印色迅速干燥



特殊定制机型 Special customized blowers



多动式高压风机 Belt drive blower

应用：多动式高压风机主要应用环境较为恶劣以及安装空间较为狭小的地方。
Application: The belt drive blower mainly used in the places where the environment is harsh and the installation space is narrow.

优势：可以使用多种方式驱动风机叶轮，可以让驱动源远离作业现场，起到保护的作用。
Advantages:
1. To choice the driving mode flexibly according to the customer's environment;
2. Make the driving source far away from the work site and play a protective role.
3. Reduce the influence of motor heating on the temperature rise of the pump body, and increase the



防爆式高压风机 Anti-explosion blower

应用：防爆式高压风机 主要应用在易燃易爆气体环境中。
Application: The Anti-explosion blower mainly used in the flammable and explosive gases;
优势：Advantages:
1. 独特的分体式+法兰结构，保证输送介质气密性，又保证了叶轮运行的平稳性，降低了事故发生的可能性，提高了产品的使用寿命；
2. 电机轴与叶轮轴用联轴器连接，并通过法兰将泵体和电机结合为一个整体，保证了前后轴承的同心力，避免输送介质进入电机内部，提高产品的使用安全性；

1. The special designed separated structure and flange construction can ensure the gas tightness , and further increase the service lifetime of blower;
2. Motor shaft and impeller shaft are connected by coupling, and pump body and motor are integrated through flange, which ensures the concentric force of front and rear bearings, avoids the transmission medium entering the motor interior, and improves the safety of the product.



防腐式高压风机 Anti-corrosion blower

应用：防腐式高压风机主要应用在各种含有特殊性腐蚀性气体或者颗粒的场合。
Application: Anti-corrosion blowers are mainly used in environment with corrosive gas or particles.

优势：避免腐蚀性介质对部分铝制品的损伤，保证风机的连续可靠运行，延长风机的使用寿命；
Advantages: To avoid the damage of corrosive gas medium on some aluminium products, ensure the reliable operation, and extend the service life of the blower.

我们可以提供内部镀铁氟龙高压风机以及内外部都镀铁氟龙高压风机；客户可以根据使用环境自行选择；
We can provide blower with internal Teflon coated and both internal and external Teflon coated;



声明：Statement



声明：Statement

感谢您选择德瑞科高压风机！
我们有专业的技术人员，将为您提供及时的售前，售后服务，如有任何疑问，欢迎致电全国
服务电话：**0086 769-2688 0322** 或者发邮件至邮箱：service@dereike.com；我们将24小时竭诚为您服务！
关于其他更详细的信息，欢迎登录官方网站进行查询：www.dereike.com

Thank you for choice Dereike products!
We have professional technicians, to offer you timely pre-sales service and after-sales service.
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