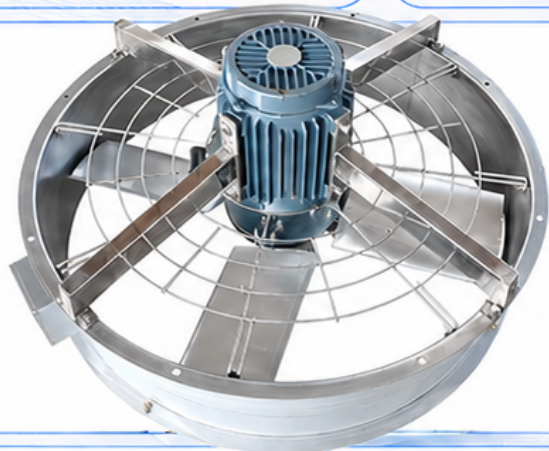
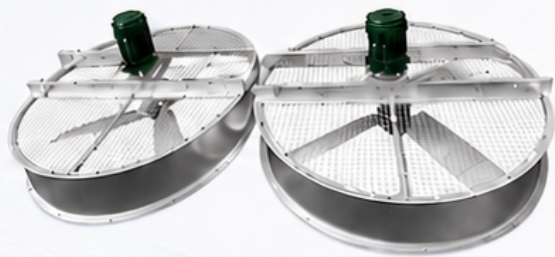




山东九龙风机

Shandong Jiulong Cooling Equipment Co., Ltd.

cooling better, moving forwards



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Website: <https://kylonfan.com/>

企业简介

COMPANY PROFILE

山东九龙风机有限公司

始终坚持以品质为核心，不仅注重产品外观与性能，更专注于每一个生产细节的精益求精。公司拥有现代化生产设备，成熟的制造工艺以及专业的技术团队，从原材料采购、零部件加工到整机装配与检测，均严格执行标准化管理流程，确保每一台产品都具备稳定、高效、耐用的品质表现。

多年来，九龙风机不断引进先进技术与生产工艺，持续优化产品结构 with 制造效率，致力于为客户提供更加节能、高效、安全的通风与冷却解决方案。公司主营产品包括：风机、减速机、扇叶、网罩等配件，广泛应用于工业通风、畜牧养殖、温室大棚、厂房降温等多个领域。

SHANDONG JIULONG COOLING EQUIPMENT CO., LTD.

Shandong Jiulong Cooling Equipment Co., Ltd. always adheres to quality as the core, focusing not only on product appearance and performance, but also on excellence in every manufacturing detail. Equipped with modern production facilities, advanced manufacturing processes, and a professional technical team, we strictly implement standardized management throughout the entire process, from raw material procurement and component processing to assembly and final inspection, ensuring that every product delivers stable, efficient, and durable performance.

Over the years, Jiulong Fan has continuously introduced advanced technologies and optimized manufacturing processes to improve product quality and production efficiency. Our main products include: fans, gearboxes, fan blades, protective grilles, and other accessories, widely used in industrial ventilation, livestock farming, greenhouses, factory cooling, and other fields.



20+

年行业经验
Years of Industry Experience



100+

专业技术人员
Professional Technicians



1000+

成功案例
Successful Cases



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性能试验 PERFORMANCE TEST

我们拥有先进的风洞试验设备，采用国内外先进的仪器仪表，具备全自动数据采集与处理功能，能够准确采集风机各项性能参数。基于大量的研究分析和持续的技术创新，我们不断优化气流组织，提升风机气动性能与效率，满足市场对高效节能产品的需求。性能测试系统依据 GB/T 1236-2017《工业通风机 用标准化风道进行性能试验》标准建立，并通过国家权威机构认证。

We own a full set of advanced wind tunnel testing equipment with state-of-the-art instruments and apparatus. The system features fully automatic data acquisition and processing, enabling accurate collection of all performance parameters of fans. Based on extensive research and analysis and continuous technological innovation, we constantly optimize aerodynamic performance and efficiency to meet market demands for high-efficiency and energy-saving products. Our performance testing system is established in accordance with GB/T 1236-2017 "Industrial fans — Performance testing using standardized airways" and has passed certification by national authorities.



平衡试验 BALANCE TEST

力矩平衡 Moment Balance

为满足大型叶轮的叶片具有可互换性的要求，我公司自主研发了力矩平衡平台，利用高灵敏度的传感系统采集数据，计算机软件进行后台数据处理，在叶片的两个方向上进行力矩平衡，达到风叶力矩一致，从而保证同组叶片的互换性。

To satisfy the interchangeability requirement of large impeller blades, we have developed an in-house moment balance platform. Utilizing a high-sensitivity sensor system to collect data and computer software for background data processing, moment balance is performed in two directions of the blades to achieve consistent blade moment, ensuring the interchangeability of blades in the same set.



精度等级及质量 (Kg)
Accuracy Grade & Mass (Kg)

$Wu(g) = 19098X$
转速 (rpm) × 直径 (mm)
Speed (rpm) × Diameter (mm)

动平衡 Dynamic Balance

为尽量降低风叶的不平衡，在装配整机之前对叶轮须做动平衡试验。我司配备了大型动平衡试验机，可试验直径6米以下的风叶动平衡。依据 JB/T 6411-2014 的规定，风叶的平衡精度必须达到 G4.0 级的精度要求，轴流风叶采用单面平衡，在平衡机显示的位置加配平衡块，运行的残余不平衡量小。

To minimize the imbalance of blades, dynamic balance testing must be conducted before the assembly of the entire machine. We are equipped with a large dynamic balancing machine capable of testing blade diameters up to 6 meters. According to JB/T 6411-2014, the balance accuracy of blades must reach Grade G4.0. Axial flow blades adopt single-plane balancing, adding counterweight at the position shown on the balancer display. The operational residual imbalance amount is minimal.



风机噪音

FAN NOISE

风机的噪音及控制

轴流风机工作时噪音，由于叶片本身及叶片上压力的不均匀分布，转动时对周围气体及零件的扰动亦构成旋转噪音。同时还包括了各类机械，如电机、轴承及螺栓引起的共振。

本手册中所指的噪音是被测风机在一定阻力状态下，距离风机轴端径向1m处所测的声压级LPA（A声级）的平均值。这个噪音不同于用户使用的噪音，因为风机安装到设备上后，因不同的设备结构对声波的反射、吸收是不一样的，同时设备其他部件运转时的噪音会和风机噪音相互影响，总的噪音可能会减小也可能增加。

如果多台相同噪音的风机安装在一起，噪音会增大，如图1所示。

举例：如果5台风机噪音均为75dB(A)，则总噪音为 $75+7=82$ dB(A)。

如果安装在一起的两台风机噪声大小不同，则总噪声会增大，如图2所示。举例：如果2台风机噪音分别为70dB(A)、76dB(A)，则总噪音为 $76+1=77$ dB(A)。

Fan noise and the control of it

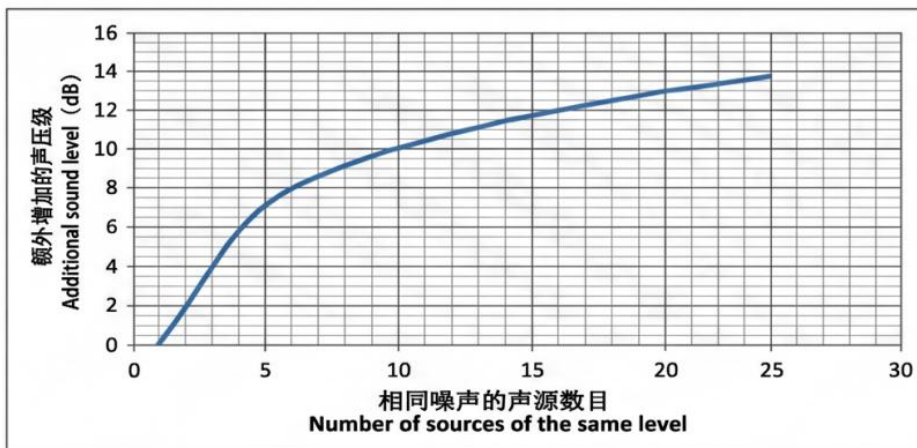
When axial flow fan works, it produces noises. Due to the uneven distribution of pressures on the blade, it would disturb surrounding air and components to generate noises when rotating. Meanwhile, there is also resonance caused by various machines, such as electric motors, bearings and bolts.

The noise mentioned in this manual refers to the average value of sound pressure level (LPA, A-weighting), measured at the position 1 meter of radial distance from the shaft end of the fan which is tested under the condition of certain resistances. The noise here is different from the noise used by users, because when the fan is installed in the equipment, the reflection or absorption of sound waves by equipment with various structures are also different. Also the noise produced by other running parts of the equipment will interplay with the noise of the fan, therefore the overall noises may actually reduce or increase.

If multiple fans with same noise are installed together, the noise will magnify, as shown in figure 1.

E.g.: If five 5 fans share the same noise 75dB(A), then the overall noise will be $75+7=82$ dB(A).

If two fans with different noises are being installed together, then the overall noise will increase as shown in figure 2. E.g. If two fans with respective noises 70dB(A) and 76dB(A), then the total noise is $76+1=77$ dB(A).



图一

风机的降噪方法

1.合理的选择风机形式

同一系列的风机，风量、风压大者，噪音也大。因此，选择机号时，余量过大不仅浪费电能，而且还增大噪音。

风机的性能必须与管网及运行制度相匹配方能得到最低的噪音。对同一型号的风机，在性能允许条件下，应尽量选用低转速运行的风机。

对于不同形式的风机，作噪声比较时，应选比声功率级或A声级较低的作为首要条件，而不应只考虑转速和圆周速度。

2.合理的设计管路

管路阻力要小，风机的入口不宜处于急变流场。另外，应防止机壳与管道的振动过大而辐射过大的噪音。

3.采用消音器来降低风机噪音

风机常用的配套系列消声器一般有阻性消声器、抗性消声器、微穿孔板消声器和阻抗复合消声器。

Noise reduction method for fans

1、Reasonable selection of fans

Fans of the same production line will produce large noise if the air volume flow and air pressure are also large. Therefore, avoid choosing fans with large margin that both waste power and increase noises.

The performance of fans must match the pipe network and operation system to minimize the noise. For fans of the same model, if condition permits, try to choose fans that operate with low revolving speed.

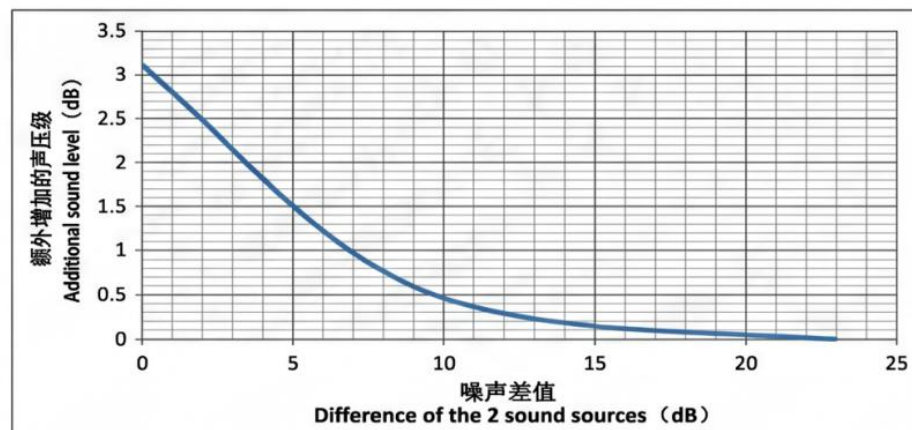
For fans of various models, when comparing noises, take less sound power level or less A-weighting as priorities, instead of only considering the rev speed or peripheral speed.

2、Rational design of pipelines

The pipeline shall have low resistance and the inlet of fans shall not be placed in rapidly varied flow field. In addition, try to prevent the excessive vibration of case and pipes that radiate too much noise.

3、Use silencer to reduce fans' noises

The matched series of silencers for fans generally include resistive muffler, resistance muffler, micro perforated plate and impedance compound muffler.



图二

选型流程

SELECTION PROCESS

冷却用风机型号编制规则

Compilation rule of fan models used in cooling process



结构形式:

D: D型网罩式
ZB: 支架、B型网罩式
ZA: 支架、A型网罩式
ZT: 导流板式
T1: 风筒直连
T2: B30T风筒直连
T3: B5T风筒直连
PDT: 皮带轮减速 (引风式)
KT: 皮带轮减速 (鼓风式)
CLT: 行星齿轮传动减速

Structural form
D: D-type mesh cover
ZB: Rack, B-type mesh cover
ZA: Rack, A-type mesh cover
ZT: Duct-flow-type
T1: Direct-connection ventilator
T2: B30T Direct-connection ventilator
T3: B5T Direct-connection ventilator
PDT: Pulley deceleration (induced type)
KT: Pulley deceleration (forced type)
CLT: Planetary gear transmission deceleration

- 根据设备需求确定风压、流量等基本参数，并通过本手册确定风机型号，也可通过我司技术工程师进行选型。
 - 风机运行工作制根据设备使用性质确定：S1连续运行工作制，S6周期运行工作制，S9非周期运行工作制。
 - 确定电源电压及频率：常规为380V/50Hz，根据不同使用地区，提供准确的电压频率参数。风机运行时电压波动偏差不得超过±7%。频率有工频和变频两种，变频分普通变频和全变频两种。
 - 提供必要的使用环境信息：海拔高度、温度范围、湿度范围、环境（有无腐蚀性气体或液体、有无爆炸性气体）、所在地区的气候条件（海洋性、大陆性、沙漠性、热带雨林等）。通过这些信息，我们可以有效的确定所使用风机材料和送风形式，以使设备能够安全运行。
 - 风机不同结构的机械效率
- | 传动方式 | 电机直连 | 联轴器直连 | 齿轮减速器传动 | V带传动 |
|------|------|-------|---------|------|
| 效率η | 1.0 | 0.98 | 0.98 | 0.96 |
- 未注明的参数可根据客户要求定制。

- Determine the air pressure, flow and other basic requirement as per the equipment and determine the fan model through this manual. Model selection is also viable by consulting our technical engineers.
- The operation system of the fan is determined as per the equipment's nature of use: S1 continuous operation system, S6 periodic operation system and S9 non-periodic operation system.
- Determine the power supply voltage and frequency: conventional 380V/50Hz and provide the accurate parameter of voltage and frequency based on different regions. During fan's operation, the fluctuation deviation of voltage shall not exceed ±7%. Frequency is divided into power frequency and variable frequency, whereas the latter is further divided into common variable frequency and all variable frequency.
- Provide necessary environment information for use: altitude, temperature range, humidity range, environment (if any corrosive gas or fluid, if any explosive gas), weather conditions of the region (oceanic, continental, desert, tropical rainforest climate). From these information, we can effectively determine the fan materials and air-supply methods to be used, so as to guarantee the safe operation of the equipment.
- The mechanical efficiency of fans with different structures
- Unstated parameters are subject to client's individualized requirements.

小机型系列

SERIES OF SMALL MODELS

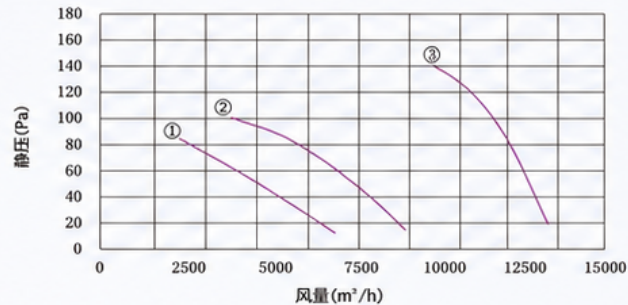
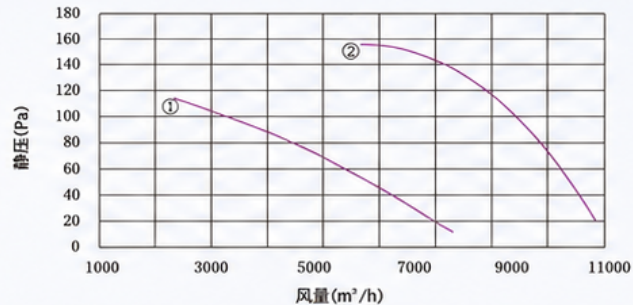
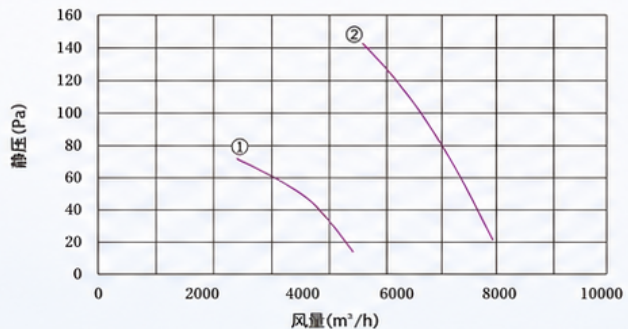
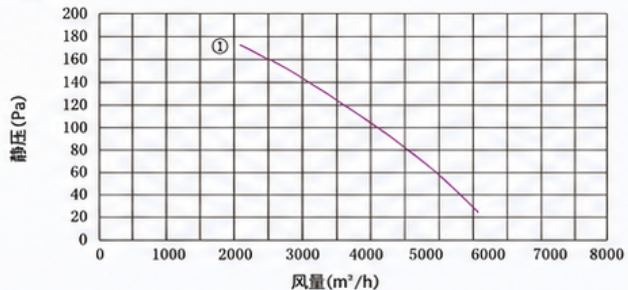
直径 Diameter: 450-900mm

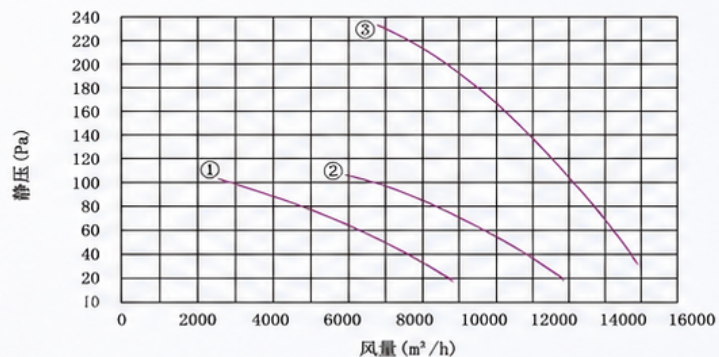


性能参数

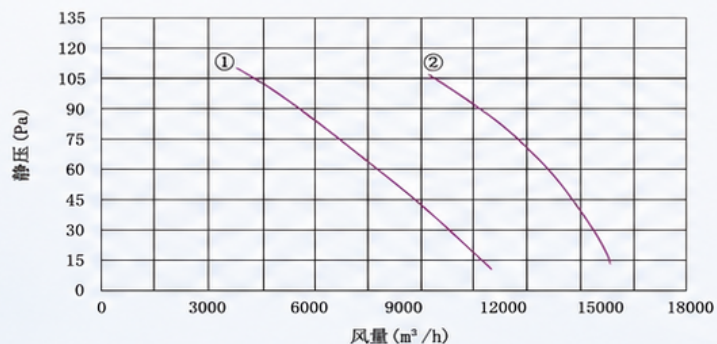
PERFORMANCE PARAMETERS

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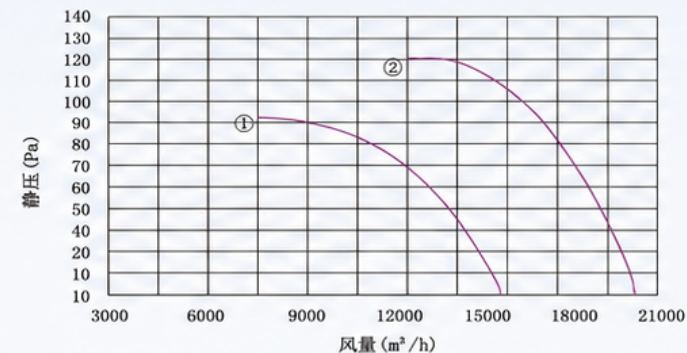




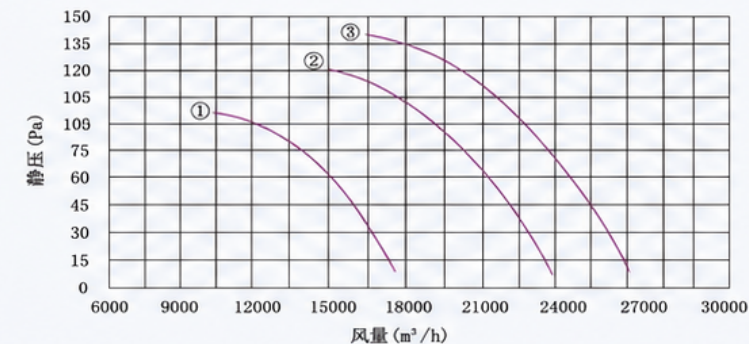
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1	700	61	0.25
2	940	65	0.55
3	1420	74	1.5



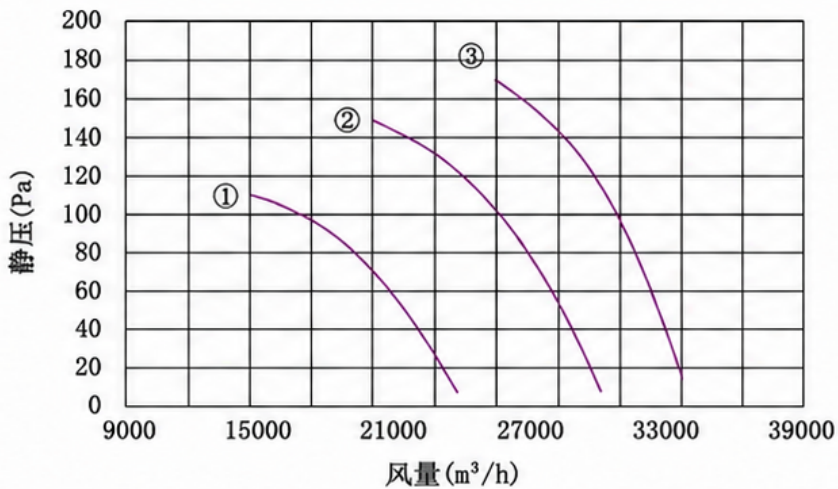
7#			
序号NO.	转速 rpm speed	噪音 dBnoise	电动机功率 Kw power
1	720	62	0.37
2	940	67	0.75



7.5#			
序号NO.	转速 rpm speed	噪音 dBnoise	电动机功率 Kw power
1	700	63	0.55
2	930	69	1.1



8#			
序号NO.	转速 rpm speed	噪音 dBnoise	电动机功率 Kw power
1	720	65	0.75
2	940	71	1.5
3	940	73	2.2



9#			
序号NO.	转速 rpm speed	噪音 dB noise	电动机功率 Kw power
1	720	68	1.1
2	940	76	1.2
3	930	79	3

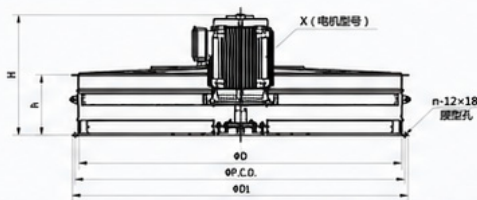
大机型系列 SERIES OF LARGE MODELS

直径 Diameter : 1000-10000mm



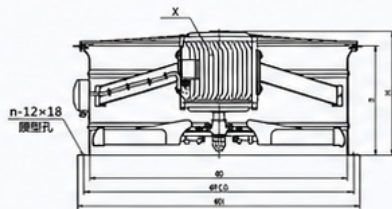
常用风机尺寸 COMMON FANS DIMENSIONS

B5T



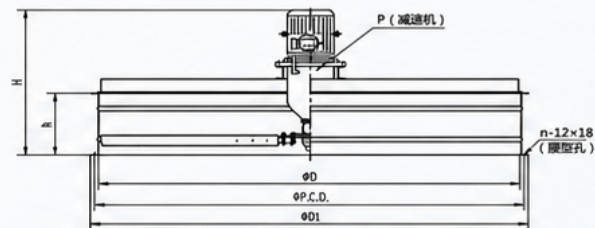
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D1		1100	1200	1310	1360	1410	1510	1610	1710	1910	2120	2320	2520
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12x18螺孔		已加工	已加工	已加工	已加工	已加工	已加工	已加工	已加工	已加工	已加工	已加工	已加工
H		按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型
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X (电机型号)		按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置

B30T



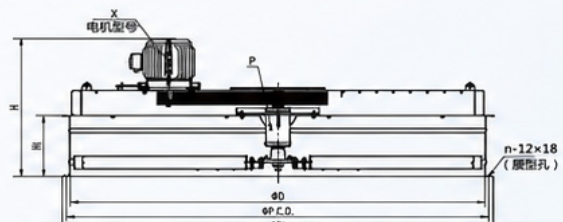
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D1		1100	1200	1310	1360	1410	1510	1610	1710	1910	2120	2320	2520
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H		按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型
H1		495	495	495	495	495	495	495	495	495	495	495	495
X (电机型号)		按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置

CLT



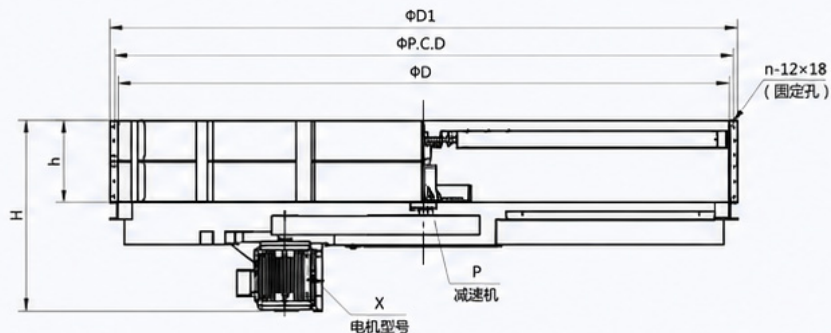
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P (减速机)		QJL055	QJL055	QJL055	QJL055	QJL060	QJL060	QJL060	QJL070	QJL070	QJL070	QJL070
风阀型式		整体式	整体式	整体式	整体式	组合式	组合式	组合式	组合式	组合式	组合式	组合式

PDT引风式



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P.C.D.		1865	2070	2270	2470	2670	2870	3070	3370	3670	3970	4270
D1		1910	2120	2320	2520	2720	2920	3120	3420	3720	4020	4320
n		20	24	24	24	30	30	30	30	30	30	36
12x18螺孔		已加工	已加工	已加工	已加工	建议配件	建议配件	建议配件	建议配件	建议配件	建议配件	建议配件
H		按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型	按电机型
H1		480	480	480	480	480	480	480	480	480	480	480
P (减速机)		8#	8#	8#	8#	10#	10#	12#	14#	14#	14#	14#
X		按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置	按配置
风阀型式		整体式	整体式	整体式	整体式	整体式	组合式	组合式	组合式	组合式	组合式	组合式

KT鼓风式



型号	18#	20#	22#	24#	26#	28#	30#	33#	36#	39#	42#
尺寸											
D	1810	2020	2220	2420	2620	2820	3020	3320	3620	3920	4220
P.C.D.	1865	2070	2270	2470	2670	2870	3070	3370	3670	3970	4270
D1	1910	2120	2320	2520	2720	2920	3120	3420	3720	4020	4320
n	20	24	24	24	30	30	30	30	30	30	36
12×18腰孔	已加工	已加工	已加工	已加工	已加工	已加工	已加工	已加工	已加工	已加工	已加工
H	按电机匹配	按电机匹配	按电机匹配	按电机匹配	按电机匹配	按电机匹配	按电机匹配	按电机匹配	按电机匹配	按电机匹配	按电机匹配
h	480	480	480	480	480	480	480	480	480	480	480
P (减速机)	8#	8#	8#	8#	10#	10#	12#	14#	14#	14#	14#
X 风机型式	整体式	整体式	整体式	整体式	整体式	整体式	组合式	组合式	组合式	组合式	组合式

减速机系列

DECELERATOR SERIES



QWJ减速器

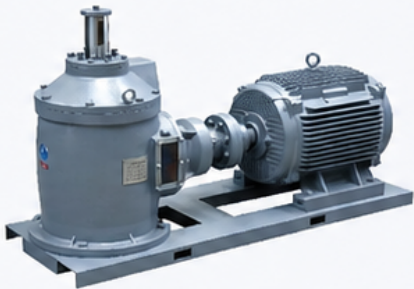
QWJ DECELERATOR

QWJ型循环水冷却塔、空冷器风机专用减速机，是我公司响应国家工业部的环保要求，而精心设计的一款节能、低噪音齿轮减速机。该减速机采用单级准双曲面圆锥齿轮传动原理设计，减速机与电机根据不同机座采用法兰定位连接和联轴器连接两种方式传递动力，取消了传统的传动轴，使安装使用和维护都极为方便，将减速机和防水电机连为一体，机体直接放置在设备内。在齿轮箱的生产过程中，我们大量采用了国内外先进的加工工艺，尤其在齿轮这个核心部件上，采用了配对研磨的加工工艺，极大的降低了减速机运行噪音。以碳、氮共渗的国际先进热处理工艺，在大幅提高部件表面硬度的同时还保证了芯部良好的韧性，使核心部件的抗冲击力和耐磨性能都大幅提高。产品具有运行平稳可靠，节能环保，噪音低、寿命长和安装维修方便等特点。。配套风机从Φ2.0m-10m，广泛应用在石化、冶金、电力等多个行业，深受好评！

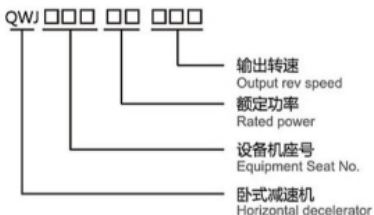
减速机的输出轴上轴承采用飞溅式润滑，在选配变频电机时，要求电机输入转速不能低于750转，加油量需按表要求确保。输出轴下轴承及输入轴轴承采用浸油式润滑，润滑充分可靠。传动齿轮采用准双曲面圆锥齿轮传动，润滑油需采用**GL-5重负荷车辆齿轮油**或**GL-5 (SAE90) 双曲面齿轮润滑油**，不能用一般齿轮油或机械油替代！

QWJ type water-circulating cooling tower and the specialized decelerator of air cooler fan is the well-designed gear reducer that saves energy and produces lower noise of our company in responding to the call of the nation to protect the environment. The decelerator is designed based on the single-stage hypoid bevel gear transmission principle. The decelerator and the motor transmit powers by flange positioning connection or coupling joints based on different pedestals, thus eliminating the traditional transmission shaft and facilitating the installation and maintenance. The decelerator and the water-proof motor is integrated and the engine body is directly placed within the equipment. In the process of manufacturing gear box, we have utilized plenty of advanced process from home and abroad. In regard to the core gears, we used processing technique of paired grinding to substantially reduce the running noise of decelerator. With the advanced thermal process of carbonitriding, the surface hardness is significantly enhanced and the tenacity of the core is also guaranteed, which both dramatically improves impact-resistance and abrasion-resistance of the core components. The products operates smoothly and reliably, with virtues of environmental protection, energy conservation, low noise, longer lifetime and easy installation and maintenance. The matched fans is ranging from Φ2.0m-10m and are widely applied in petrochemical, metallurgical, electrical industries with higher market reputation.

The oil-splash lubrication is used to lubricate the bearing of output shaft. The input rev of motor shall be no less than 750 rev when selecting variable frequency motor and the amount of oil refuel shall be guaranteed. The immersed lubrication is adopted to lubricate the output shaft bearings and input shaft bearings to achieve full and reliable lubrication effect. Transmission gears use hypoid bevel gear to drive and the lubricant shall use **GL-5 heavy-duty automobile gear oil** or **GL-5 (SAE90) hyperboloid gear oil**, which must be not replaced by general gear oil or machine oil.



QWJ文字说明图表 QWJ Caption chart

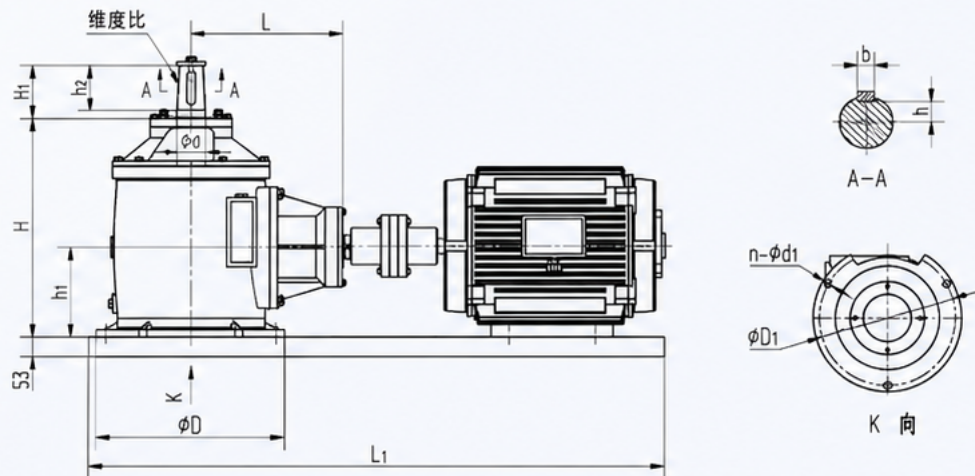


减速机重量、运行参数

Weight and operation parameter of decelerator

减速器型号	转速 (rpm)	电流A	速比	扭矩(Nm)	空载噪音(dB)	加油量 (L)	整机重量(kg)
QWJ055-4	210	9.6	1/4.6	274	70	7	166
	270	8.4	1/5.4	322	72	6.5	144
	320	8.4	1/4.6	181	73	6.5	144
QWJ055-5.5	210	12.6	1/4.6	377	70	7	175
	270	11.3	1/5.4	443	72	6.5	168
	320	11.3	1/4.6	250	73	6.5	168
QWJ055-7.5	270	15.3	1/5.4	400	72	6.5	176
	320	15.3	1/4.6	340	73	6.5	176
QWJ060-7.5	160	17	1/5.8	649	70	10.5	248
	210	17	1/6.8	503	71	10	217
	250	15.3	1/5.8	429	72	10	217
QWJ060-11	160	24.6	1/5.8	952	70	10.5	292
	210	22	1/6.8	738	71	10	270
	250	22	1/5.8	630	72	10	270
	285	22	1/5.12	532	74	10	270
	160	31.4	1/5.8	1298	70	10.5	318
QWJ060-15	210	30	1/6.8	1007	71	10	282
	250	30	1/5.8	859	72	10	282
	285	30	1/5.12	758	74	10	282
	210	36	1/6.8	1242	71	10	338
QWJ060-18.5	250	36	1/5.8	1060	72	10	338
	285	36	1/5.12	936	74	10	338
	210	42	1/6.8	1477	71	10	345
QWJ060-22	250	42	1/5.8	1260	72	10	345
	285	42	1/5.12	1113	74	10	345
QWJ070-18.5	160	37.9	1/6.17	1721	71	16.5	470
QWJ070-22	160	45	1/6.17	2056	71	16.5	485
	160	59	1/6.17	2804	71	16.5	550
	200	59	1/4.88	2216	71	16.5	550
QWJ070-30	240	57	1/6.17	1828	73	16	518
	295	57	1/4.88	1446	74	16	518
QWJ070-37	160	73	1/6.17	3459	72	16.5	586
	200	73	1/4.88	2733	72	16.5	586
	240	71	1/6.17	2266	73	16	556
	295	71	1/4.88	1784	74	16	556
QWJ070-45	240	84	1/6.17	2742	74	16	588
	295	84	1/4.88	2169	75	16	588
QWJ090-37	160	73	1/6.1	3367	70	26	790
QWJ090-45	160	84	1/6.1	4096	70	26	920
QWJ090-55	160	103	1/6.1	5006	70	26	975
QWJ120-75	155	142	1/6.16	6966	72	36	1540
QWJ120-90	155	170	1/6.16	8359	72	36	1620
QWJ120-110	155	205	1/6.16	10217	72	36	1710
QWJ120-132	155	246	1/6.16	12260	72	36	1790

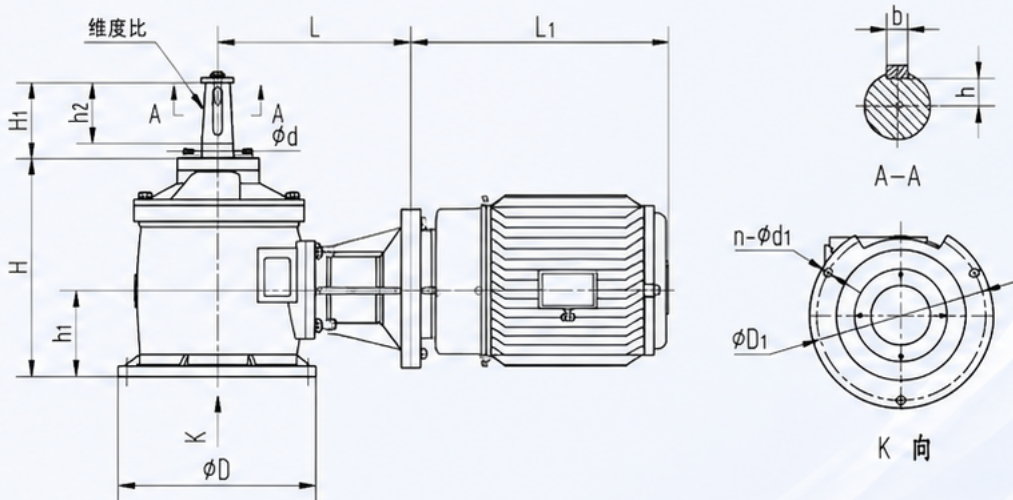
QWJ--减速机尺寸



联轴器传动方式

减速机型号	H	H ₁	h ₁	h ₂	d	L	D	h	b	n-φd ₁	D ₁	L ₁	维度比
QWJ--070	558	135.5	225	115	70	365	450	25.5	20	3-φ19	410	1450	1:10
QWJ--090	670	135	280	115	90	433	545	34.6	24	4-φ22	493	1650	1:20
QWJ--120	790	180	315	154	120	535	640	49	32	4-φ32	570	1980	1:20

QWJ--减速机尺寸



直驱传动方式

减速机型号	H	H ₁	h ₁	h ₂	d	L	D	h	b	n-φd ₁	D ₁	L ₁	维度比
QWJ--055	408	144	160	115	55	267.5	340	19	16	3-φ16	312	待定	1:10
QWJ--060	477	145.5	180	115	60	328	420	21	18	3-φ19	382	待定	1:10

QLJ减速器

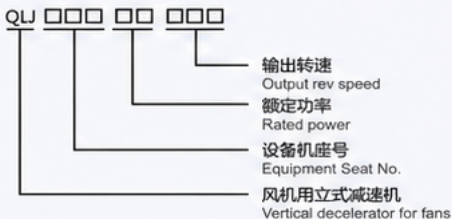
QLJ DECELERATOR

QLJ系列循环水冷却塔、空冷器风机专用减速机，是集团内行星齿轮减速机之所长，经我公司优化设计、改进后的新一代专用减速机。该机属2KH系列结构传动机型，太阳齿轮同时与三个作轴线转动的行星齿轮相啮合，实现负载分流及各结构件径向力相互平衡，减速器的承载力和传动效率等指标都远高于一般定轴传动的减速机。该减速机在生产过程中，我们大量采用了各种先进的加工工艺。尤其在齿轮等核心部件上，我们采用了碳、氮共渗的先进热处理工艺，大幅提高了齿轮的表面硬度，同时保证了芯部良好的韧性，使核心部件的抗冲击力和耐磨性都得到了提高。产品广泛应用于石油、化工、冶金、电力等多个行业，深受市场好评！

QLJ series water-circulating cooling tower and the specialized decelerator of air cooler fan is the optimized and improved next-generation reducer that incorporates many virtues of planet-gear speed reducers. This machine belongs to 2K1 symbol structure driver. The sun gears simultaneously engage three axial-transmission planetary gears, realizing the load bypassing and mutual equilibrium or radial forces of the structural components. The index of the decelerator's load capacity and transmission efficiency outclasses the general decelerator of fixed axial transmission. In the process of manufacturing this reducer, we have utilized various state-of-the-art technology. In regard to the core gears, we used advanced thermal process of carbonitriding to significantly enhance the surface hardness of gears and guarantee the fine tenacity of the core, thus dramatically improving the impact-resistance and abrasion-resistance of the core components. The products are widely applied in petroleum, petrochemical, metallurgical, electrical industries with higher market reputation.



QLJ文字说明图表 QLJ Caption chart



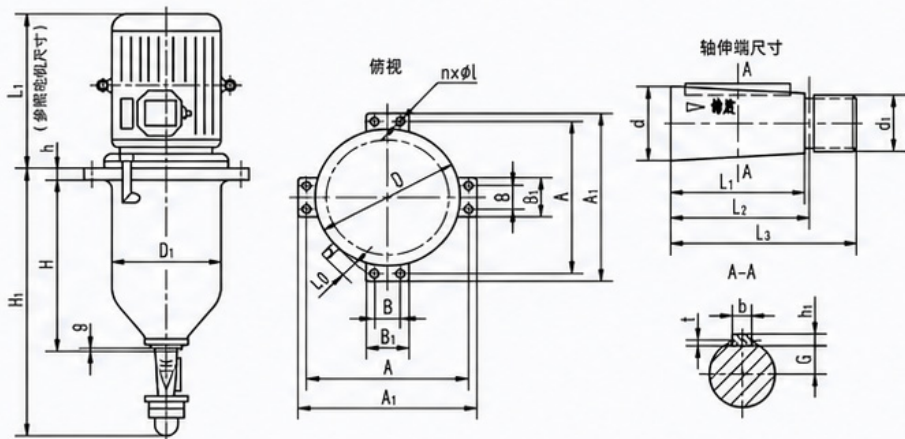
QLJ减速机主要参数配置

QLJ Main parameter configuration of decelerator

减速器型号	配置电机			输出转速RPM	噪声值dB(A)	整机重量KG
	型号	功率KW	电流A			
QLJ055	YCL132-6	4	8.6	165	68	148
	YCL132-6	5.5	11.3	210	69	156
	YCL132-4	5.5	10.3	165/210	70	132
	YCL132-4	7.5	13.8	250/320	73	141
QLJ060	YCL160-6	7.5	15.3	165	70	220
	YCL160-6	11	22.1	210	71	242
	YCL160-4	11	20.3	165/210	72	223
	YCL160-4	15	27.2	250/320	76	238
QLJ070	YCL180-6	15	28.4	165	70	288
	YCL180-4	18.5	33	210/250	72	268
	YCL180-4	22	38.4	320	75	288
	YCL200-6	18.5	37.9	165	71	389
QLJ080	YCL200-6	22	45	210	71	399
	YCL180-4	18.5	36	165/210/250	74	350
	YCL180-4	22	42	165/210/250	74	370
	YCL200-4	30	57	165/210/250	75	390
	YCL225-6	30	59	165	73	508
	YCL200-4	30	57	210	75	496
	YCL225-4	37	71	165/210/250	77	516

QLJ减速器尺寸

QLJ DECELERATOR DIMENSIONS



行星齿轮减速机外形及安装尺寸

减速机 型号	电机 型号	H ₁ (mm)	H (mm)	h (mm)	D ₁ (mm)	D (mm)	A (mm)	A ₁ (mm)	B (mm)	B ₁ (mm)	n×φl (mm)	锥度 (K)	d (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	d ₁ (mm)	b (mm)	h ₁ (mm)	t (mm)	G (mm)
QLJ055	Y132	650	419	30	245	300	340	380	60	100	8×15	1:10	55	115	120	170	M36×2	16	10	6	18.6
QLJ060	Y160 r/m10	690	441	30	265	350	390	430	60	100	8×19	1:10	60	115	120	187	M42×2	18	11	7	20.1
QLJ060	Y180	730	463	35	340	400	450	490	80	120	8×19	1:10	70	115	120	184	M52×2	20	12	7.5	24.6
QLJ070	Y200	730	463	35	340	400	450	490	80	120	8×19	1:10	70	115	120	184	M52×2	20	12	7.5	24.6
QLJ080	Y225	820	525	35	390	450	500	540	80	120	8×19	1:20	80	135	140	202	M56×2	22	14	9	29.3

QPJ减速器

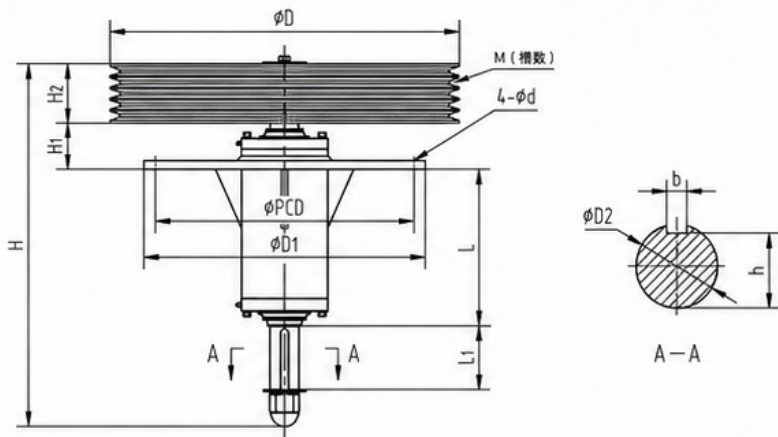
QPJ DECELERATOR



QPJ系列皮带减速机，是我公司根据循环水冷却塔、空冷器风机的运行工况和特点，自主设计、生产的专用减速机。具有噪音低，结构简单，安装、维护方便等特点，该机运用了传统的皮带传动结构，通过对轴承结构及润滑系统的优化，并对带轮进行特殊设计，有效的改善了带轮承力结构并改善了散热能力，明显提高了减速机和传动带摩擦的可靠性和传动效率，延长了传动带的使用寿命。皮带轮分铸铁和铝铝两种可供选择。

QPJ series belt decelerator is our specialized in-house product designed and developed based on the working condition and features of water-circulating cooling tower and air cooling fans. It has virtues of low noise, easy structure, easy installation and maintenance. The product adopts conventional belt transmission structure and effectively improves the loading-carrying structure of the belt pulley and heat dissipation through the optimization of the bearing structure and lubrication system as well as the specialized design of the belt pulley. It obviously enhances the reliability and transmission efficiency of the decelerator and the driving belt friction, thus elongating the lifetime of the driving belt. The belt pulley has cast iron and cast aluminum available to choose from.

QPJ减速器尺寸 QPJ DECELERATOR DIMENSIONS

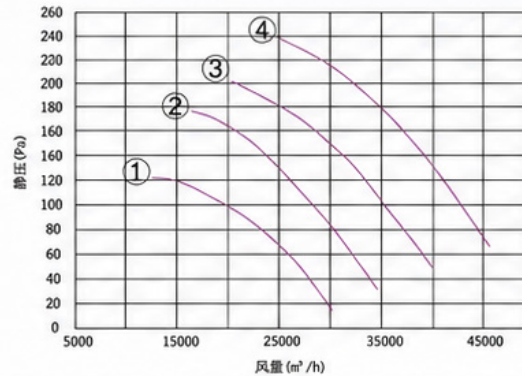


型号/规格	D	H ₂	M	H	H ₁	P.C.D	D ₁	d	L	L ₁	D ₂	b	h
8#	456	82	4	542.5	61.5	390	420	18.5	221	110	50	14	44.5
10#	500	82	4	600	79	450	490	18.5	266	110	50	14	44.5
12#	608	101	5	619	79	450	490	18.5	266	110	50	14	44.5
14#	600	120	6	690	93.5	450	490	18.5	264	140	60	18	53

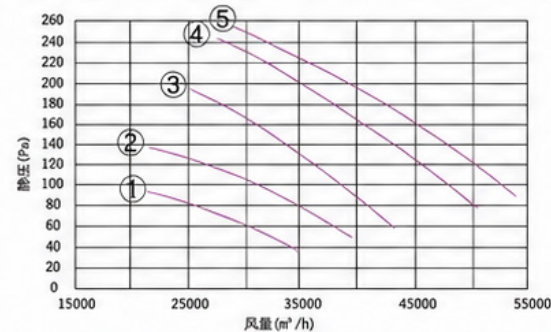
性能参数

PERFORMANCE PARAMETERS

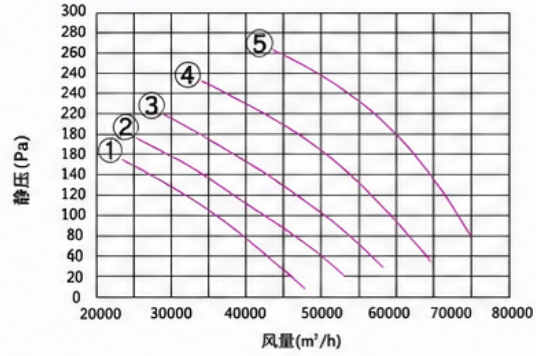
10#-100#



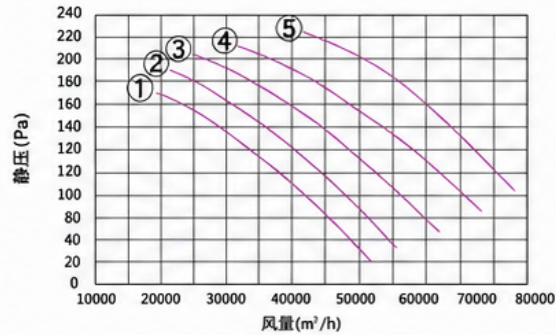
10#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	580	73.7	1.5
2	720	80.5	2.2
3	720	79	3
4	940	84.2	4



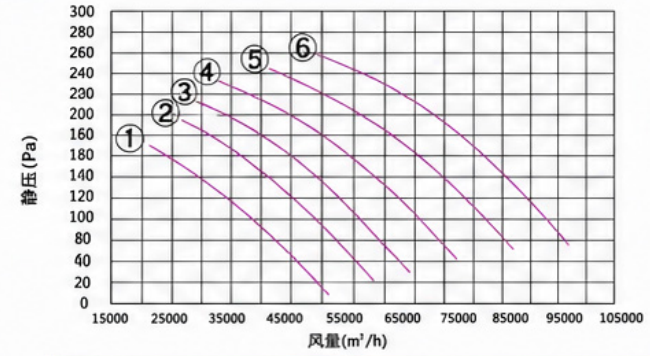
11#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	580	74.8	1.5
2	720	79.2	2.2
3	720	79.6	3
4	940	84.8	4
5	940	90.4	5.5



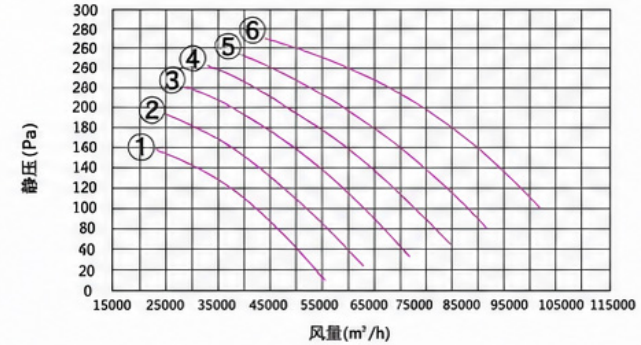
12#				
序号NO.	转速 rpm/speed		噪音 dBnoise	电动机功率 Kw/power
1	580	720	76.9 80.3	2.2
2	580	720	77.6 80.7	3
3		720	81.9	4
4		720	83.4	5.5
5		720	85.6	7.5



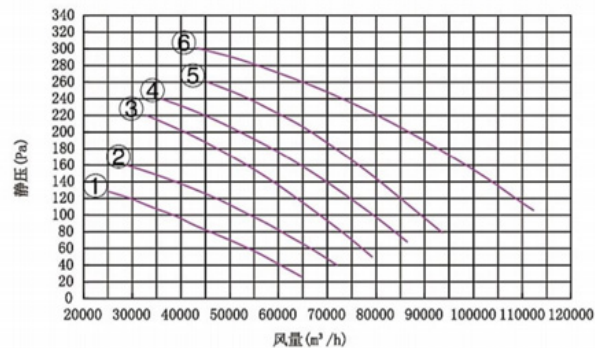
13#				
序号NO.	转速 rpm/speed		噪音 dBnoise	电动机功率 Kw/power
1	580	720	77.4 80.9	2.2
2	580	720	79 81.3	3
3	580	720	80.9 82.3	4
4		720	83.7	5.5
5		720	84.9	7.5



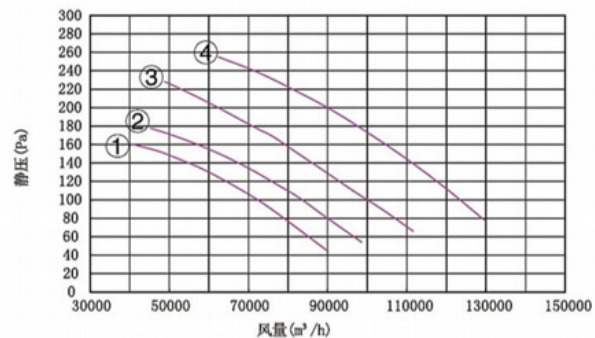
14#				
序号NO.	转速 rpm/speed		噪音 dBnoise	电动机功率 Kw/power
1	580	720	78.9 81.2	2.2
2	580	720	80.1 83	3
3	580	720	81 83.4	4
4	580	720	80.7 84.5	5.5
5		720	86	7.5
6		720	87.1	11



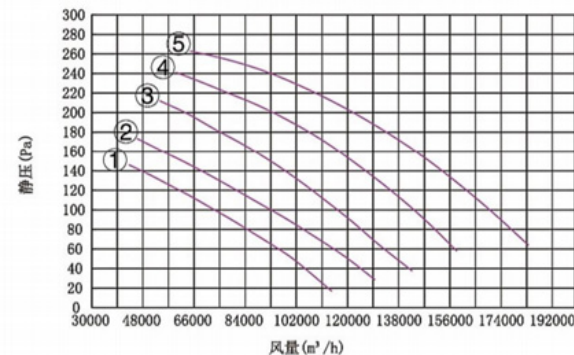
15#				
序号NO.	转速 rpm/speed		噪音 dBnoise	电动机功率 Kw/power
1	480	580	75.8 80	2.2
2	480	580 720	77.4 80.6 83.2	3
3	480	580 720	78.8 81.3 84.2	4
4	580	720	81.9 85	5.5
5	580	720	82.9 85.5	7.5
6		720	86.6	11



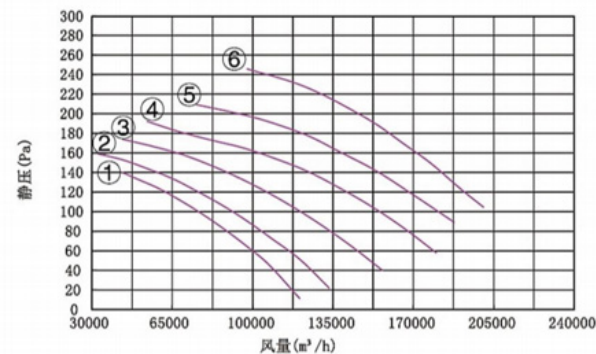
16#					
序号NO.	转速 rpm/speed		噪音 dBnoise		电动机功率 Kw/power
1	480		76.4		2.2
2	480	580	77.4	80.4	3
3	480	580	78.7	81.1	4
4	480	580	79.1	82.5	5.5
5	480	580	81.3	82.9	7.5
6	720		87.1		11



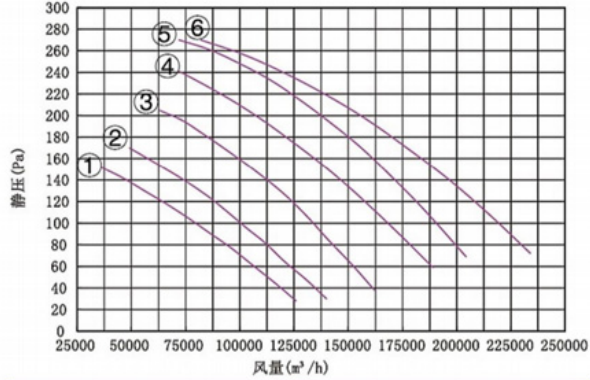
18#					
序号NO.	转速 rpm/speed		噪音 dBnoise		电动机功率 Kw/power
1	400	480	76.7	79.3	4
2	400	480	77.7	80	5.5
3	480	580	81.1	82.6	7.5
4	580	720	84.6	87.8	11



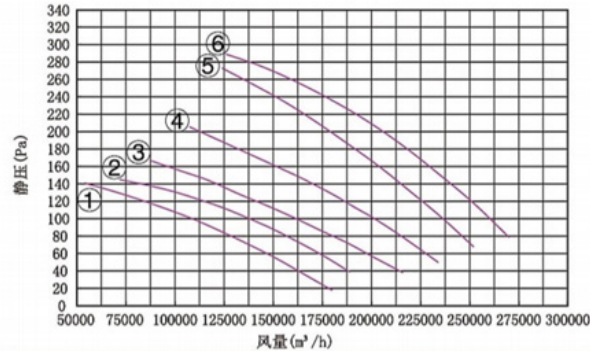
20#					
序号NO.	转速 rpm/speed		噪音 dBnoise		电动机功率 Kw/power
1	400	480	77.3	79	4
2	400	480	77.6	80	5.5
3	400	480	77.8	80.6	7.5
4	480	580	82.1	83.8	11
5	480	580	83.9	84.8	15



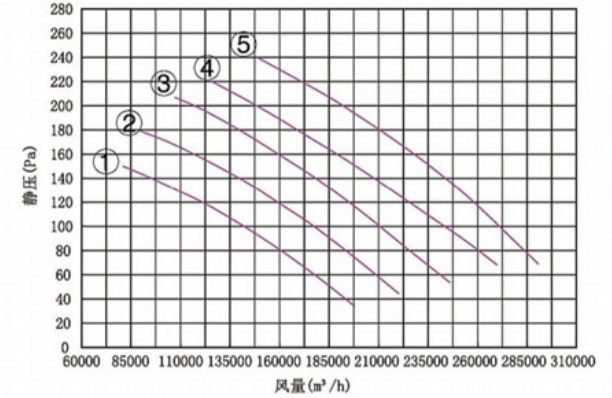
22#					
序号NO.	转速 rpm/speed		噪音 dBnoise		电动机功率 Kw/power
1	320	400	76.1	78.9	4
2	320	400	77.2	79.8	5.5
3	320	400	78.1	81.2	7.5
4	400	450	82.7	84.1	11
5	480	580	84.8	86.2	15
6	580		87		18.5



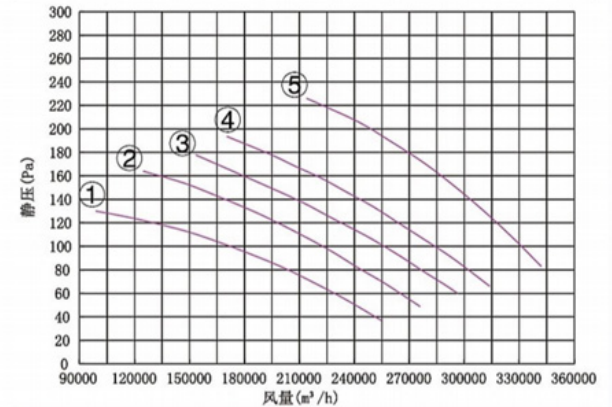
24#					
序号NO.	转速 rpm/speed			噪音 dBnoise	电动机功率 Kw/power
1	250	320	400	74 76.8 79.8	4
2	250	320	400	73.2 77.9 80.6	5.5
3	320	400	480	80.6 81 83.1	7.5
4	450	480		82.1 84.3	11
5	450	480	580	84.3 85.3 86.7	15
6	480	580		85.8 87.3	18.5



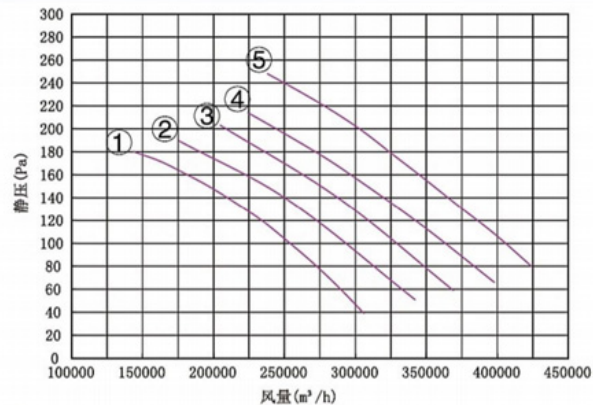
26#					
序号NO.	转速 rpm/speed			噪音 dBnoise	电动机功率 Kw/power
1	250	320	400	75 76 80	5.5
2	250	320	400	74 76.3 81.2	7.5
3	320	400	450	78 82.4 84.6	11
4	400	450	480	84.5 86.1 88	15
5	400	450	480	85.1 86.9 89	18.5
6	400	450	480	86 87 90	22



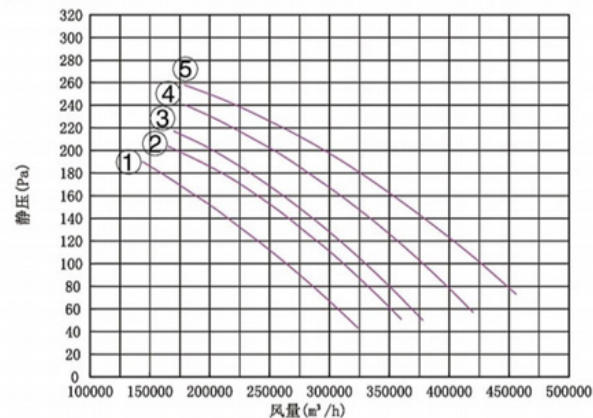
28#					
序号NO.	转速 rpm/speed			噪音 dBnoise	电动机功率 Kw/power
1	250	320		74.8 76.9	7.5
2	250	320		75.7 78.7	11
3	250	320	400	76 78.6 81	15
4	320	400		80.6 83.2	18.5
5	320	400		82.7 84.5	22



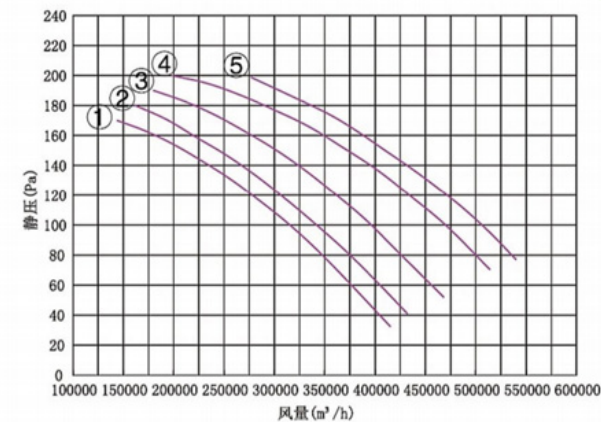
30#					
序号NO.	转速 rpm/speed			噪音 dBnoise	电动机功率 Kw/power
1	200	250	320	75 77.1 79.8	11
2	200	250	320	76 78.2 81	15
3	250	320		80.6 83.1	18.5
4	250	320		83.1 85.2	22
5	320			86.7	30



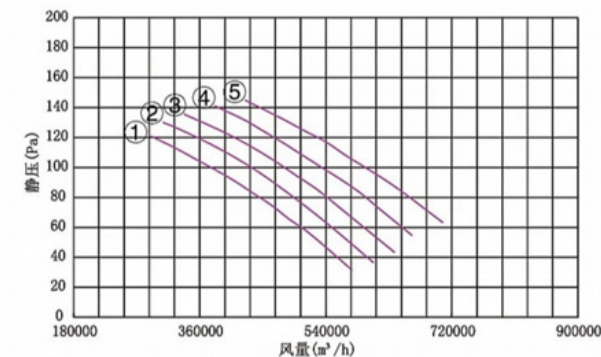
33#						
序号NO.	转速 rpm/speed			噪音 dBnoise		
1	200	250	320	77.1	79	81
2	200	250	320	78.2	81	82.5
3	200	250	320	79.6	81.2	83
4	250		320	82		84
5		320			84	
						电动机功率 Kw/power
						15
						18.5
						22
						30
						37



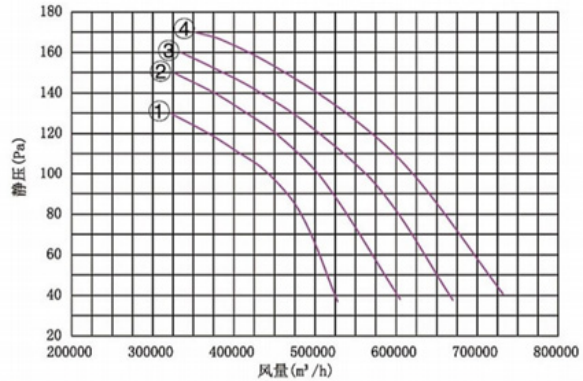
36#						
序号NO.	转速 rpm/speed			噪音 dBnoise		
1	200	250	320	79.1	81.6	83.4
2	200	250	320	81.1	83.2	84.5
3	200	250	320	82.5	84.2	85.6
4	250		320	84		85.6
5	250		320	86		87
						电动机功率 Kw/power
						15
						18.5
						22
						30
						37



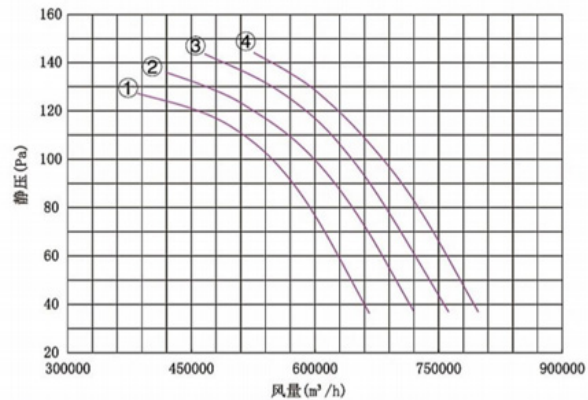
39#						
序号NO.	转速 rpm/speed			噪音 dBnoise		
1	165	200	250	79.2	81	82.6
2	165	200	250	80.9	82.6	84
3	165	200	250	82	84	85.6
4	200		250	83		85
5	200		250	85		86.9
						电动机功率 Kw/power
						18.5
						22
						30
						37
						45



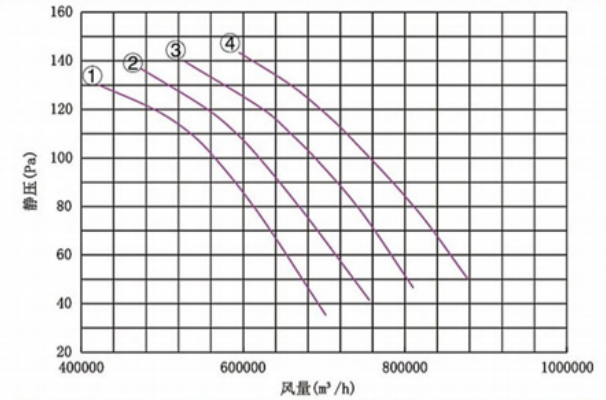
42#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	200	85	22
2	200	87	30
3	250	89	37
4	250	92	45
5	250	94	55



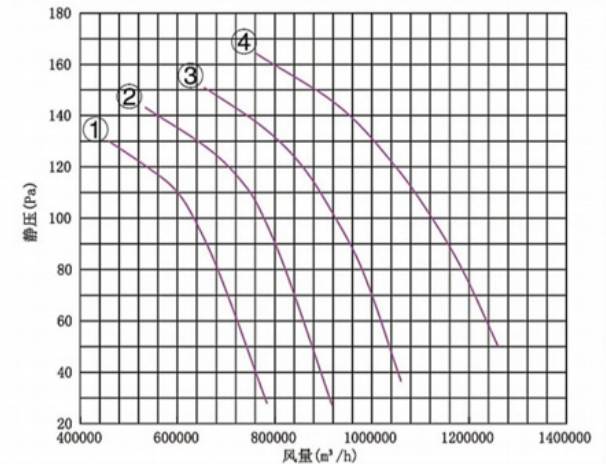
47#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	210	76	22
2	210	77	30
3	210	77.5	37
4	210	78.5	45



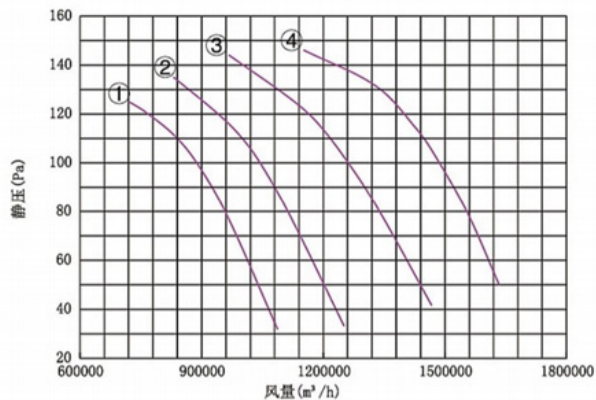
50#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	210	77	30
2	210	78	37
3	165	74	45
4	165	76	55



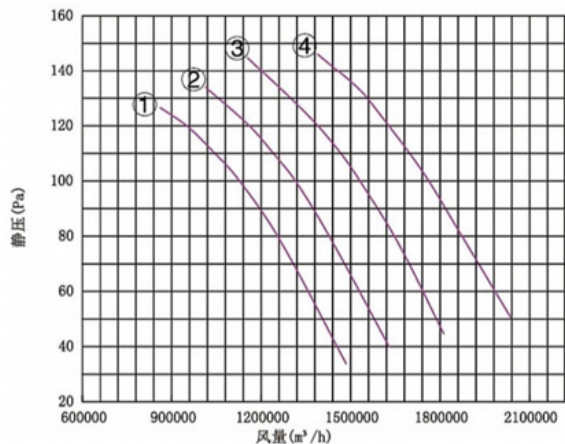
55#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	165	75	30
2	165	76	37
3	165	77	45
4	165	77	55



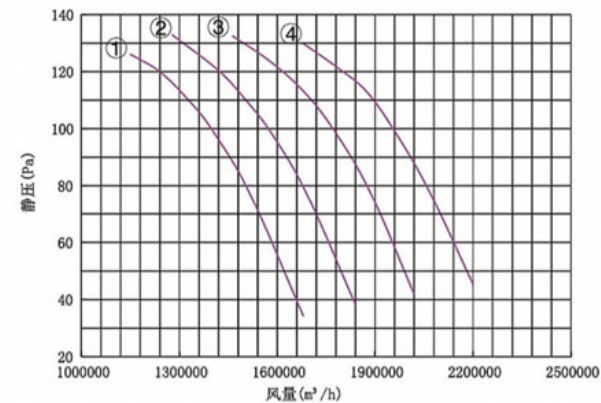
60#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	165	77	37
2	165	78	45
3	165	79	55
4	165	80	75



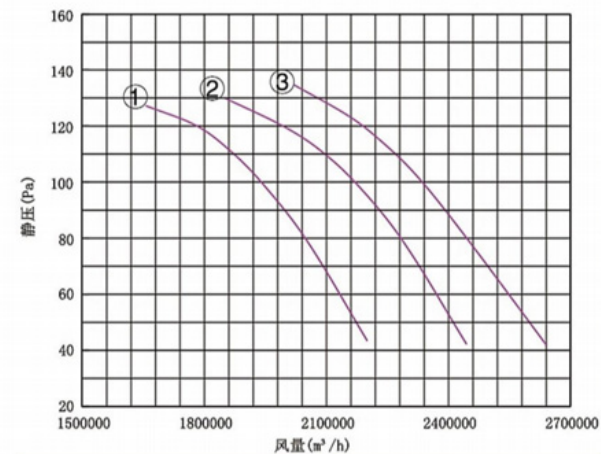
70#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	165	80	45
2	165	80.5	55
3	165	80.5	75
4	165	81	90



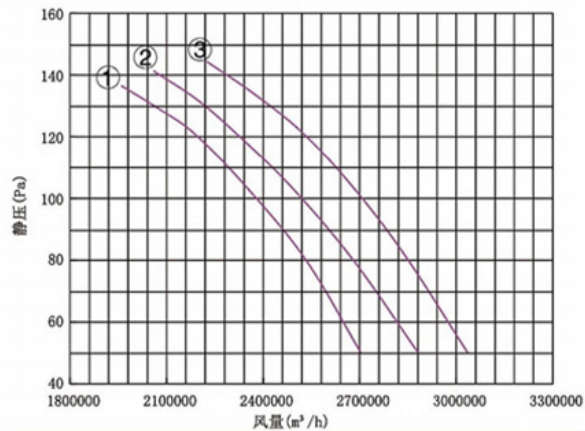
77#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	165	80	55
2	155	80.5	75
3	155	81	90
4	155	82	100



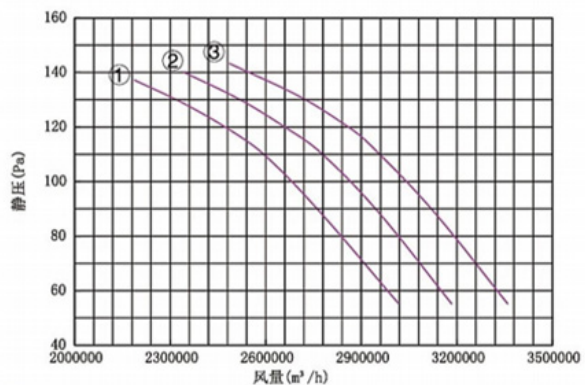
80#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	155	81	75
2	155	82	90
3	155	82.5	110
4	155	83.5	132



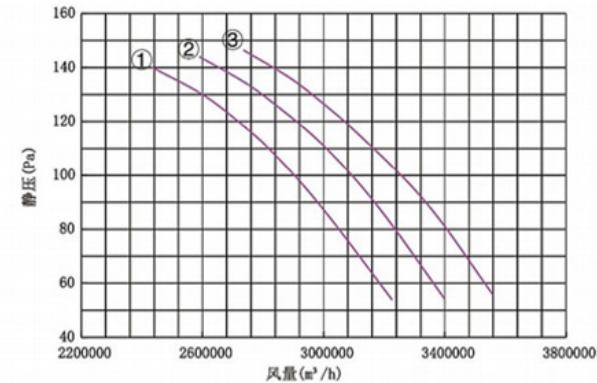
85#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	155	82.5	110
2	155	83.5	132
3	155	84	160



92#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	127	82	160
2	127	82.5	200
3	127	83	220



98#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	110	80	200
2	110	81	220
3	110	81	250



100#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	110	81	200
2	110	82	220
3	110	82.5	250

不同类型的扇叶

DIFFERENT TYPES OF FAN BLADES



C 型风叶

C-TYPE BLADE

一般用途的通风散热场所使用，应用于机组通风散热，室内换气等场所。

Usually applied in ventilation or thermal dissipation; used in unit's ventilation or cooling or indoor ventilation.

设计特点：综合性、多用途性
风扇直径：Φ350mm~Φ900mm

叶片数：5-6

材质

轮毂：ST12冷轧板

叶片：硬质铝合金、ST12冷轧板

表面处理：户外型环保喷塑、表面氧化

Features of design: Comprehensiveness, multi-purpose

Fan's diameter: Φ350mm~Φ900mm

Blade numbers: 5-6

Material

Hub: ST12 cold-rolled sheet

Blade: rigid aluminum alloy, ST12 cold-rolled sheet

Surface treatment: outdoor environment-friendly spray, surface oxidation



F 型风叶

F TYPE BLADE

抗变形，能耐弱酸碱，叶片数量与角度可根据需求灵活调整，适合于工况环境较差或压力较高场所使用。

Deformation resistance; weak acid-alkaline resistance; flexible adjustment of blade quantities and angles as per requirement; suitable for poor working environment or places with higher pressures.

设计特点：高强度 低噪音 大风量 耐腐蚀

叶片数：5-12

材质

轮毂：压铸铝合金

叶片：玻璃纤维增强聚酰胺

Features of design: High strength, low noise, high air volume flow, corrosion resistance

Fan: diameter from 350 mm ~ 350 mm

Blade numbers: 5-12

Material

Hub: die-casting aluminum alloy

Blade: glass-fiber reinforced polyamide



H型风叶

H TYPE BLADE

适用于需要强制通风散热的高静压升设备，有多种叶型可供选择组合来满足不同要求的应用。

Suitable for equipment of high hydrostatic pressure that requires forced ventilation and thermal dissipation; multiple blade models are available to choose from to meet various application demand.

设计特点：高强度 大风量 高静压 耐腐蚀
风扇直径：Φ400mm-Φ1100
叶片数：5-12
材质
轮毂：压铸铝合金
叶片：玻璃纤维增强聚酰胺、压铸铝合金

Features of design: High strength, high air volume flow, high hydrostatic pressure, corrosion resistance
Fan's diameter: Φ400mm-Φ1100
Blade numbers: 5-12
Material
Hub: die-casting aluminum alloy
Blade: glass-fiber reinforced polyamide, die-casting aluminum alloy



低噪音风叶

BLADE OF LOW NOISES

大型面来增大迎风面积，并辅以空气梳理器，缓解气流撞击，使音频值降到最低，符合现代对噪音环保的要求。

The large surface magnifies windward area, and by the assistance of air filter, buffers the air impingement and minimizes the audio frequency value, which can satisfy modern requirement for reducing noise pollution.

设计特点：大流量、低噪音
风扇直径：Φ650mm-Φ900
叶片数：3-4
材质
轮毂：ST12冷轧板、压铸铝合金
叶片：玻璃纤维增强聚酰胺、硬质铝合金、ST12冷轧板
表面处理：户外型环保喷漆、表面氧化

Features of design: High strength, high air volume flow, high hydrostatic pressure, corrosion resistance
Fan's diameter: Φ650mm-Φ900
Blade numbers: 3-4
Material
Hub: ST12 cold-rolled sheet, die-casting aluminum alloy
Blade: glass-fiber reinforced polyamide, rigid aluminum alloy, ST12 cold-rolled sheet
Surface treatment: outdoor environment-friendly spray, surface oxidation

B型



G型



L系列

L系列轴流风叶是应用航空技术研制而成的新产品，利用机翼型中空设计，另外通过增加辅助扇叶及风叶扭曲成型技术，具有高效率、低噪音、安装维护便捷、角度调节方便等优点。产品标准化程度高、精细化程度高，可通过不同的组合来满足各种工业场合使用需求。其直径涵盖了1000-5000mm的所有范围。

产品广泛应用于冷却塔、空调、船舶、机车、蒸发式冷凝器、空气冷却器（石油、石化、天然气和冶金工业空冷器）等设备。

L-series

L-series axial flow blades are the new products developed with the aviation technology. By the airfoil-type hollow design, and with the help of auxiliary blades and blades twist-forming technique, the series have advantages of high-efficiency, low noise, easy installation and angle adjustment. The standardization and sophistication have reached high levels and can meet various industrial applications through combinations. The diameter of the product covers all ranges from 1000 to 5000 mm.

The products are widely used in cooling tower, air conditioner, vessels, locomotive, evaporative condenser, air cooler (petroleum, petrochemical, natural gas, metallurgical industries) and other equipment.



B系列

B系列玻璃钢轴流风叶采用新的设计方法和制造工艺，叶片的外形和结构形式合理。表面光滑、颜色均匀一致，抗老化、腐蚀性和抗静电性能良好。广泛应用于各类冷却塔、空冷器等场合的通风，包含1800mm-10000mm的各个系列。

B-series

B-series glass reinforced plastics axial flow blades adopt novel design and manufacturing process with a rational appearance and structural forms. The surface is smooth, with uniform color and better quality of anti-aging, anti-corrosion and anti-static. The products are widely applied in the ventilation of cooling tower and air coolers, including all series of 1800mm-10000mm.



W静音系列

W系列轴流风叶属于静音系列产品，符合居民区噪音值要求，适用于噪音要求高的应用场合，风叶由高强度玻璃钢或其它材料制成，叶片采用超宽前倾式设计，满足低静压、大流量要求，装机设备的声压级可降低9-15dB(A)。

W silence series

W series axial flow blades belong to the category of silence series. It complies with the requirement of noise levels in the resident communities and applies to other applications that require strict noise level requirement. The blade is made of glass reinforced plastics of high strength or other materials and designed with super-wide forerake position, which can satisfy the demand for low static pressure and high rate of flow. The sound pressure level of the installed equipment can be reduced with 9-15dB(A).



S系列

S碳纤维系列风叶利用碳纤维材料加工而成，重量轻。独特的叶片扭曲设计使得效率更高、能耗更低。特别是在有腐蚀环境下，抗腐蚀性能优越。直径1000mm-1500mm

S-series

S carbon fiber series blades are made of carbon fiber materials with low weight. Its unique blade twisting renders higher efficiency and lower energy consumption, in particular in the corrosive environment that exhibits superior anti-corrosion performance.



选配件

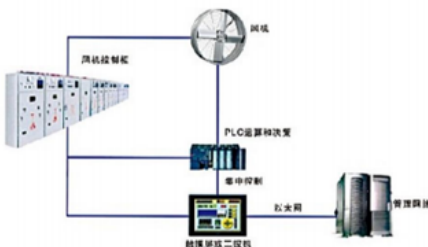
ACCESSORIES SELECTION

1、电气控制系统

电气控制箱防护等级达到IP56，可实现远程监控风机的电机的绕组温升、轴承温度、风机的振动值、风机运行电流、风速、风压、流量和减速器油位油温等一系列参数。

1、Electric control system

The protection level of electric control box shall reach IP 56 and is capable of remotely supervising the winding temperature rise of fan's motor, bearing temperature, vibration value of the fan, running current of fans, wind speed, wind pressure, rate of flow, oil level and oil temperature of decelerator and other parameters.



2、止回阀

可根据风机结构大小、使用场所定制不同结构形式、不同材质的风机止回阀。

2、Check valve

Order custom-made check valves with different structures and materials based on the size of fans and application fields.



3、风机振动开关

应用于风机需要振动保护的场所，振动开关是风机故障报警的监测手段，振动开关能监测风机的异常振动，并及时保护。振动开关可以连续监测机器的振动，如果风机的振动超过振动临界值，振动开关将提供报警或关闭机器电源，保护机器不受损伤。

3、Vibration switch of fans

Applied in the occasion where vibration protection is needed. The vibration switch is the detection method to discover malfunction and warning of fans. The switch can detect the abnormal vibration of fans and provide timely protection. It can also constantly supervise the vibration of machines. In case the vibration of fans exceeds critical value, the switch will provide alarm or cut out the machine power supply to protect the machine from being damaged.



4、三位一体监测仪

适用于风机减速器监测，在其内部分别集成了测量油温、油位和机械振动信号的传感、转换和变送电路，探头直接输出与这些安全参量对应的4~20mA标准电流信号。该探头可以直接与DCS，PLC计算机测控系统连接使用。

4、Trinity monitor

Applicable for the fan decelerator supervision. The internal is integrated with circuit of sensing, switching and transmitting for the signals of oil temperature measurement, oil level and machine vibration. The probe will directly output standard current (4-20 mA) signal corresponding to these security parameters. The probe is directly compatible with DCS and PLC computer measurement system.



5、自动注油装置

该装置可预填充多种高性能润滑油。不需要专门的工具就可激活，润滑时间1-12个月可调节，并可精确地调节润滑油的流量。

5、Automatic oil-filling device

This device can pre-fill multiple high-performance lubricating grease. It can be activated without any specialized tools. The lubricating time is adjustable within 1 to 12 months and can accurately modulate the volume of lubricating grease.



6、电加热装置

适用于风机辅助加热融冰和当温度低于零度时减速箱预热启动。

6、Electric heater device

Applicable for ice melting with fan-assisted heating and pre-heating activation of reducer box when temperature falls below zero.

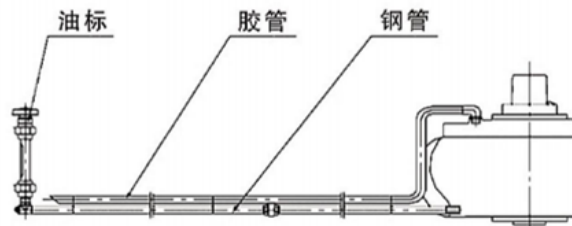


7、减速器油管系统

适用于风机减速器，当内部操作不便捷时辅助管路。

7、Oil pipe system of decelerator

Applicable for fan decelerator; when the internal operation is not convenient, the pipeline is supplemented.





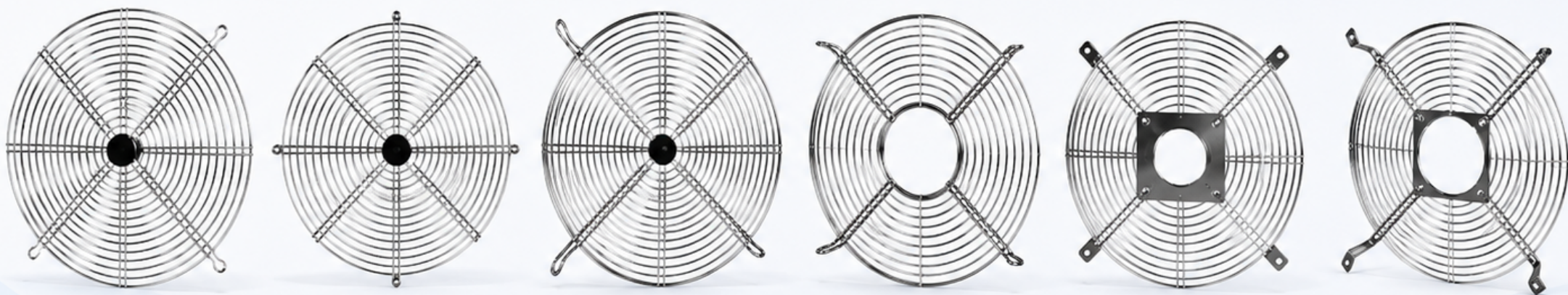
— Shandong Jiulong Cooling Equipment Co., Ltd. —

— cooling better, moving forwards —

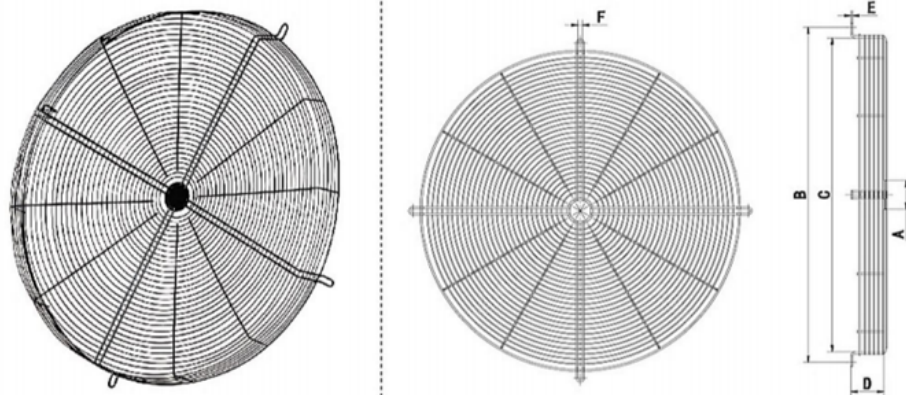
山东九龙风机有限公司
Shandong Jiulong Cooling Equipment Co., Ltd.

不同类型的网罩

DIFFERENT TYPES OF FAN GUARDS

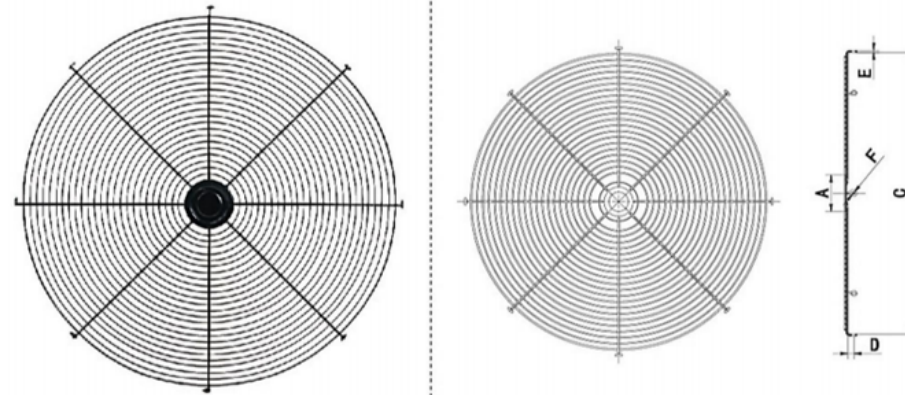


A型



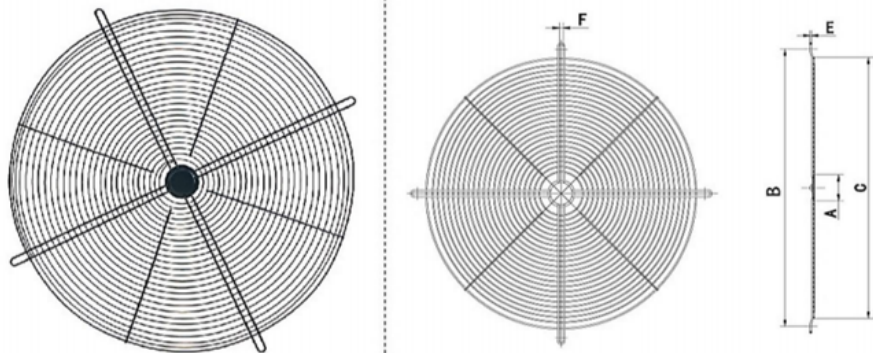
型号No.	A	B	C	D	E	F	G
500A	100	600	550	80	5	12.5	
550A	100	650	600	80	5	12.5	
600A	100	700	650	80	5	12.5	
650A	100	750	700	80	5	12.5	
700A	100	800	750	80	6	12.5	
750A	100	850	800	80	6	12.5	
800A	100	900	850	100	6	12.5	
900A	100	1000	950	100	6	12.5	

B型



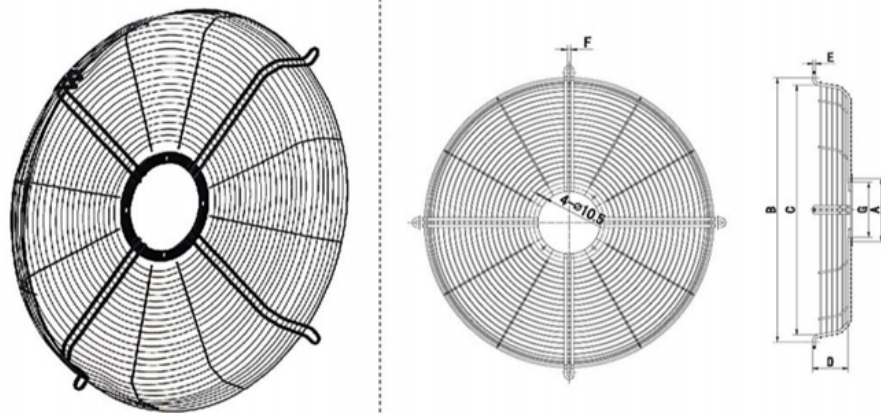
型号No.	A	B	C	D	E	F	G
500C	100		520	20	5	8	
550C	100		570	20	5	8	
600C	100		620	20	5	8	
650C	100		670	20	5	8	
700C	100		720	20	6	8	
750C	100		770	20	6	8	
800C	100		820	20	6	8	
900C	100		920	20	6	8	

C型



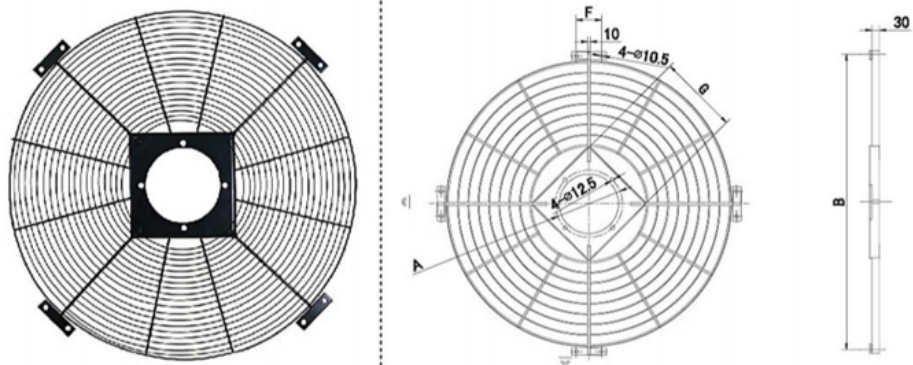
型号No.	A	B	C	D	E	F	G
500C	100	600	550		5	12.5	
550C	100	650	600		5	12.5	
600C	100	700	650		5	12.5	
650C	100	750	700		5	12.5	
700C	100	800	750		6	12.5	
750C	100	850	800		6	12.5	
800C	100	900	850		6	12.5	
900C	100	1000	950		6	12.5	

D型



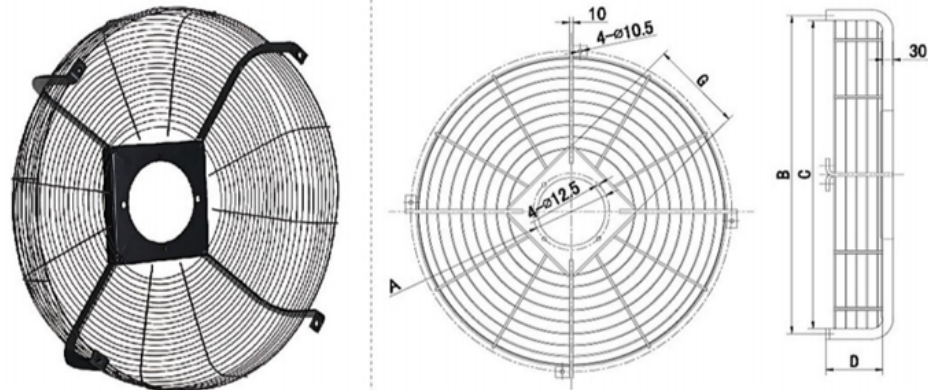
型号No.	A	B	C	D	E	F	G
450D	212	550	480	100	6	12.5	190
500D	212	600	540	100	6	12.5	190
550D	212	650	590	100	6	12.5	190
600D	212	700	640	100	8	12.5	190
650D	212	750	690	140	10	12.5	190
700D	212	800	740	140	10	12.5	190
750D	212	850	790	140	10	12.5	190
800D	238	900	840	140	10	12.5	215
900D1	238	1000	940	140	10	12.5	215
900D2	261	1000	940	140	12	12.5	238

E型



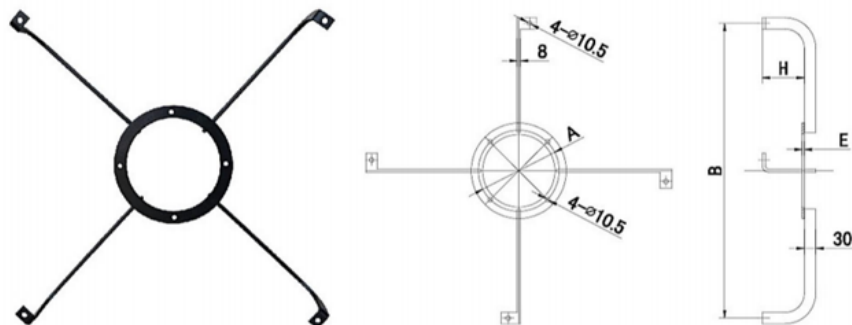
型号No.	A	B	C	D	E	F	G
600E	165	645	600			80	250
650E	165	695	650			80	250
700E	165	745	700			80	250
750E	165	795	750			80	250
800E	215	845	800			80	300
900E1	215	945	900			80	300
900E2	265	945	900			80	350

G型



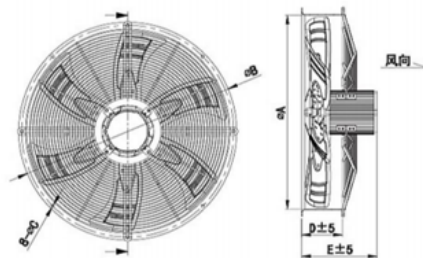
型号No.	A	B	C	D	E	F	G
600G	165	700	660	140			250
650G	165	750	710	140			250
700G	165	800	670	140			250
750G	165	850	810	140			250
800G	215	900	860	160			300
900G1	215	1000	960	160			300
900G2	265	1000	960	160			350

支架



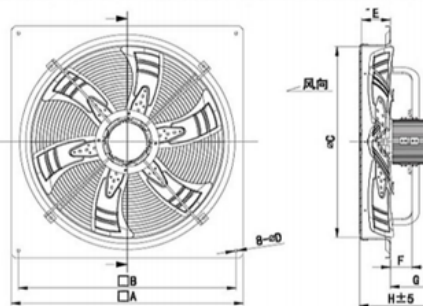
型号No.	A	B	H
500G	212	600	90
600G	212	700	120
650G	212	750	120
700G	212	800	120
750G	212	850	120
800G	238	900	120
900G1	238	1000	120
900G2	265	1000	120

T型尺寸



型号	4.5#	5#	5.5#	6#	6.5#	7#	7.5#	8#	9#
尺寸									
A	466	516	566	616	666	716	766	816	916
B	510	560	610	660	710	760	810	860	960
C	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
D	170	170	170	170	170	170	170	170	200
E	按电机定	按电机定	按电机定	按电机定	按电机定	按电机定	按电机定	按电机定	按电机定

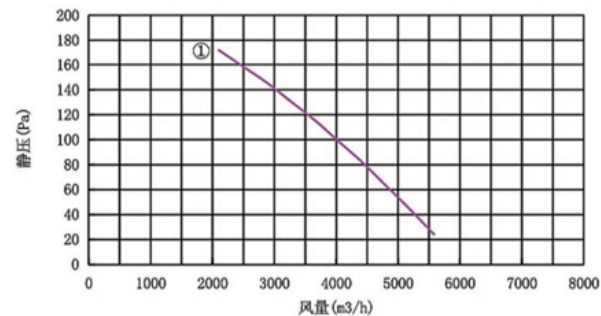
ZT型尺寸



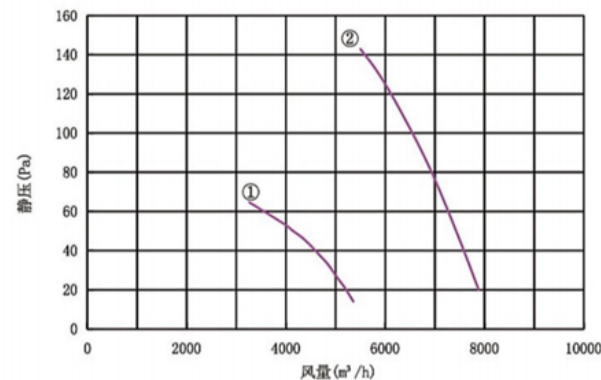
型号	5#	5.5#	6#	6.5#	7#	7.5#	8#	9#
尺寸								
A	600	725	760	805	850	915	970	1070
B	560	675	712	750	810	850	910	1010
C	512	560	610	660	710	760	810	910
D	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
E	90	100	100	110	120	120	120	120
F	90	120	120	120	120	120	120	120
G	170	175	175	185	205	230	230	270
H	277	283	283	287	308	332	354	394

性能参数 PERFORMANCE PARAMETERS

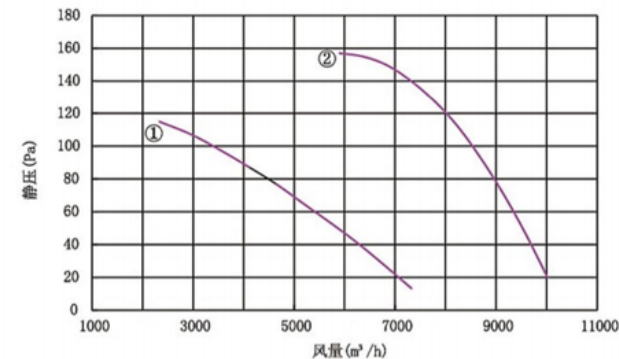
4.5#-9#



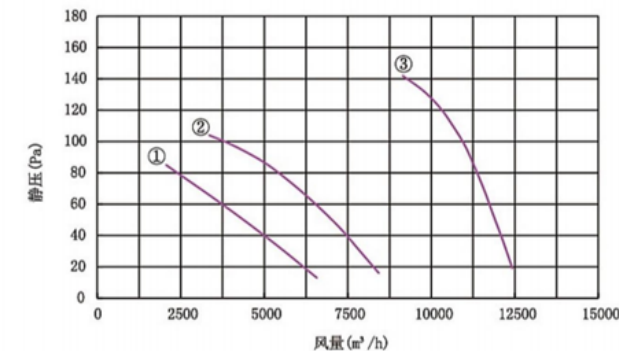
4.5#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	1420	64	0.37



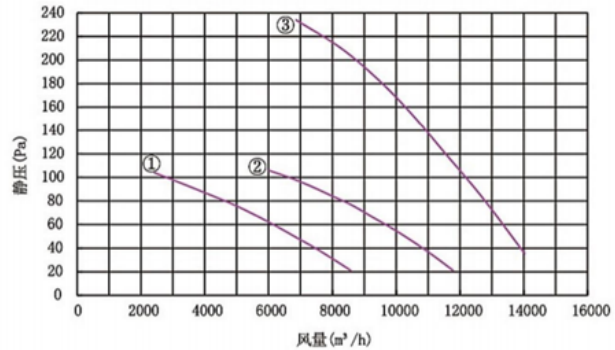
5#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	900	59	0.25
2	1420	65	0.55



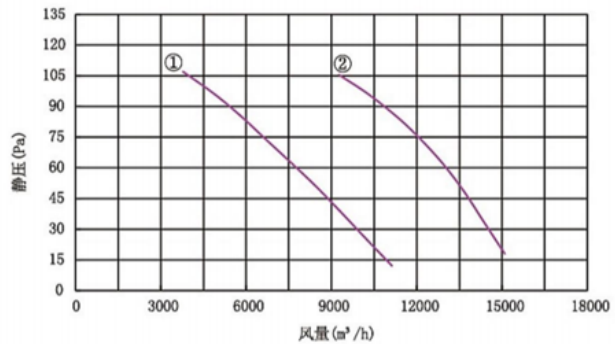
5.5#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	930	61	0.37
2	1420	67	0.75



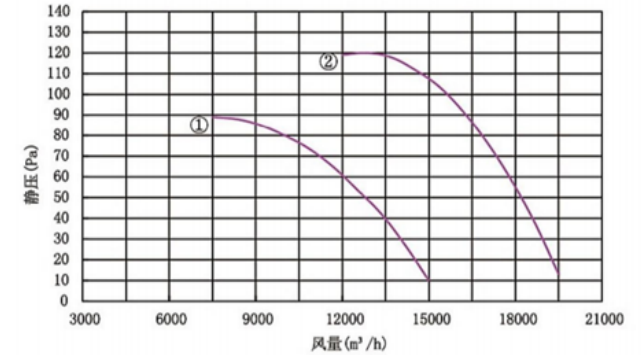
6#			
序号NO.	转速 rpm/speed	噪音 dBnoise	电动机功率 Kw/power
1	700	59	0.25
2	930	62	0.37
3	1420	69	1.1



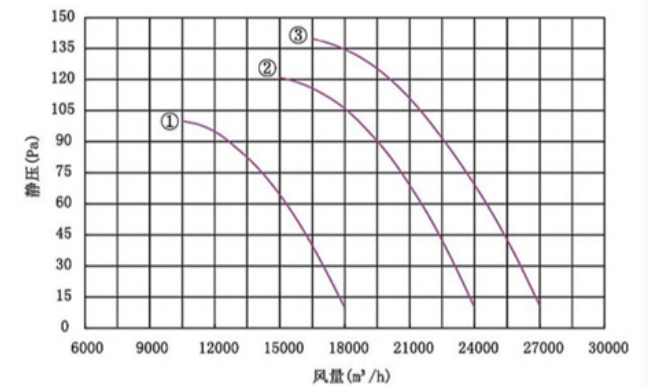
6.5#			
序号NO.	转速 rpmspeed	噪音 dBnoise	电动机功率 Kwpower
1	700	61	0.25
2	940	65	0.55
3	1420	74	1.5



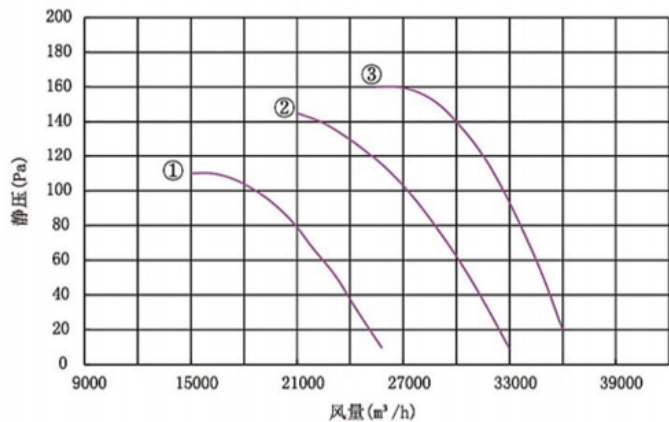
7#			
序号NO.	转速 rpmspeed	噪音 dBnoise	电动机功率 Kwpower
1	720	62	0.37
2	940	67	0.75



7.5#			
序号NO.	转速 rpmspeed	噪音 dBnoise	电动机功率 Kwpower
1	700	63	0.55
2	930	69	1.1



8#			
序号NO.	转速 rpmspeed	噪音 dBnoise	电动机功率 Kwpower
1	720	65	0.75
2	940	71	1.5
3	940	73	2.2



9#			
序号NO.	转速 rpmspeed	噪音 dBnoise	电动机功率 Kwpower
1	720	68	1.1
2	940	76	1.2
3	930	79	3



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支持产品定制化设计，满足不同行业，
不同工应的个性化需求，提供最具
竞争力的系统解决方案。



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产品按时交付，为客户项目进度
提供有力保障。



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