

YFBCDL

后弯钢叶轮双进风离心风机
Backward Curved Steel Wheel Double-inlet Centrifugal Fan Type-L

高 效 通 风 服 务

TO PROVIDE MOST EFFICIENT VENTILATION SERVICE



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上海诺地乐通用设备制造有限公司

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“工艺通”系列产品
Process Expert Series Products

• 大流量、钢制焊接结构、高机械强度、安全可靠

• 主要应用于高端大型建筑的送风、空调机组的配套、工业生产工艺中大流量的送风等

• 能效等级: 最高可达FEG80 (AMCA标准205-10)

• 使用温度: -20~80°C

• 风量可达: 499500 m³/h

• 静压可达: 3155 Pa

• Large volume, welded steel structure, high mechanical strength, safe and reliable

• Mainly used for air supply for high-end large buildings, support for AC units and air supply (large volume) for industrial production process

• Energy Efficiency Classification up to FEG80 (AMCA Standard 205-10)

• Temperature : -20~80°C

• Volume up to 499500 m³/h

• Static pressure up to 3155 Pa

G4.0



上海诺地乐通用设备制造有限公司
SHANGHAI NAUTILUS GENERAL EQUIPMENT MANUFACTURING CO LTD

企业概况 Company Profile

上海诺地乐通用设备制造有限公司是集研发、生产、销售为一体的中高端送排风和工艺通风设备解决方案供应商。公司成立于2003年9月，坐落于上海市嘉定区菊园工业开发区，注册资金2000万，占地面积22000平方米。公司是美国绿色建筑委员会 (USGBC) 会员，国际空气运动与控制协会 (AMCA) 会员。注册商标是 **INFINAIR®**、**英飞®**。

Shanghai Nautilus General Equipment Manufacturing Co., Ltd. is a supplier integrating R & D, production and marketing of medium- and high-end air supply & exhaust and technologic ventilation equipment. Founded in September, 2003, our company is located in Juyuan Industrial Development Zone, Jiading District, Shanghai, China, with a registered capital of RMB 20,000,000, an area of 22,000m², and the registered trademark **INFINAIR®**、**英飞®**. In addition, we are also a member of USGBC and AMCA.



ISO9001认证
ISO9001 Certificate



三A资信等级证书
AAA Creditworthy Level Certificate



高新技术企业
High-tech Enterprises



美国绿色建筑协会会员
Member of USGBC



全方位设计，咨询和产品
售后服务
Eagle Service: one-stop
design, consulting and
after-sales service

英飞愿景：
最值得信任的专业通风品牌。

Vision statement:
To become the mostly trusted professional ventilation
brand.

英飞使命：
提供高效的通风服务。

Mission statement:
To provide most efficient ventilation service.

上海诺地乐通用设备制造有限公司特此证明，此处所示YFBCDL系列离心风机获得了加盖AMCA印章的授权。所示额定值系根据AMCA出版物211和AMCA出版物311所进行测试和程序确定，并符合AMCA认证额定值计划的要求。

Shanghai Nautilus General Equipment Manufacturing Co Ltd certifies that the Model YFBCDL shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

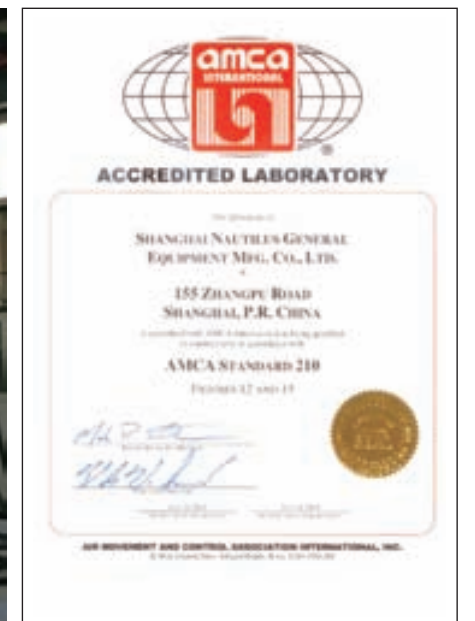


英飞实验室简介 Laboratory Introduction

● 英飞拥有中国大陆唯一一家通过美国AMCA认证的大型风机性能检测实验室。
Infinair possesses a testing laboratory of large draft fan, which is China's unique one that passed AMCA Lab Accreditation.

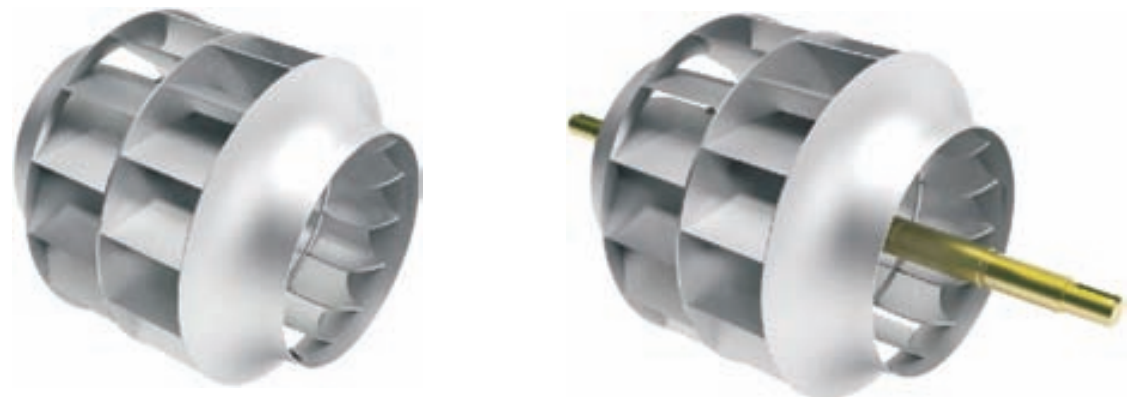
● 英飞空气动力实验室通过下列方式保证结果的准确性。
Following methods are used to increase Infinair aerodynamic laboratory's test accuracy.

- (1) 严格按照AMCA-210标准进行设计、制造；
- (2) 采用先进的流量喷嘴法取代了传统的毕托管检测，精度进一步提高；
- (3) 实验室大量采用最新型精密的检测设备和测量装置；
- (4) 实验设施和量具经过严格的标定并定期复检。
实验室的建立，确保了英飞有能力高精度地检测各种产品设计方案，提高了参数的正确性和产品的可靠，使得英飞更加值得您信赖。
- (1) Strictly following AMCA-210 standards to design and fabricate
- (2) Traditional Pitot tube method is replaced by high precision nozzle matrix to increase accuracy.
- (3) State of the art instruments and equipments are widely used in the lab.
- (4) Test instruments are strictly calibrated, the calibration is repeated in time.
The lab assures INFINAIR is capable to test different product design, increase the accuracy and liability of products, and become a good reason why you trust INFINAIR.



双进风后弯钢制叶轮

Backward Curved Steel Double-inlet Wheel



●后弯叶轮设计

Design of backward curved wheel

- 风机采用先进技术，经CFD流场模拟优化设计的后弯离心叶轮。此设计更符合空气动力特性，噪音更低，气流更稳定。
The fan adopts advanced technology. Design of backward curved centrifugal wheel is optimized by means of CFD hydro-field simulating. The design is more accordant with the aerodynamic characteristics, and has lower noise, and stable airflow.

●钢制等离子切割，夹具定位，全焊接制成

Steel plasma cutting, precise positioning jig and all-welded manufacture

- 叶片采用钢制等离子切割，精密夹具定位，全焊接工艺，保证叶片边缘光滑，焊接角度准确，整体强度高，长期高速运转时应力均匀，运行平稳可靠。

Steel plasma cutting, precise positioning jig and all-welded technique are adopted for the blade to ensure smoothness of the margin of the blade. The welding angle is accurate, the whole blade is with strong strength, and the stress is evenly distributed during long-time high-speed operation. The operation is stable and reliable.

●高平衡等级

High balancing level

- 每个叶轮都经过动态平衡试验，坚持280~900mm叶轮直径做到G4.0的平衡等级，1000~2000mm叶轮直径做到G5.6的平衡等级（国内外同类产品仅为G6.3），从根本上保证了风机长期安静平稳的运行。
Each wheel is subjected to dynamic balance test. We insist to the balancing level of G4.0 (Nominal wheel diameter: 280~900mm) and G5.6 (Nominal wheel diameter: 1000~2000mm) (G6.3 for the same type of products at home and abroad). Long-term quiet and stable running of the fan is ensured fundamentally.

●大风量、高效区宽

Large volume and wide high-efficiency range

- 叶轮采用双进风结构，增大了风量。同时叶轮气动性能光滑平坦，拥有宽广的高效区。
Double air inlet structure is applied to the wheel, which ensures a large volume. In addition, the pneumatic performance of the wheel is smooth and flat, and has a wide high-efficiency range.

产品特点

Product Features

●全钢焊接，强度更高更安全

All-steel welded structure, ensuring better strength and safety

- 风机主体采用FEA理论设计结构，使用钢板焊接而成，使风机获得了稳固的结构和更高的强度，并提高安全性。

The FEA theoretical design structure is adopted for the main body of the fan. It is made through welding the steel plates, which ensures a stable structure and high strength of the fan, as well as better safety performance.



全钢制结构
All steel structure

●连续焊接蜗壳，气密性优秀

Continuous welded scroll, ensuring excellent air-tight performance

- 风机蜗壳采用钢制连续焊接，保证了蜗壳的强度的同时也很好的防止气体泄漏。

The scroll of the fan is made of steel by continuous welding, which ensures excellent strength of the scroll, and meanwhile prevents leakage of gas.

●高可靠性

High reliability

- 风机轴精车调质，最大负载超过极限转速35%；
Fan shaft is subjected to finish turning & hardening and tempering. Maximum load surpasses 35% of limit speed;

轴承密封可润滑，寿命大于L10:80000小时；

Bearing seal can be lubricated. Service life more than L10:80000 hours;

稳固的槽钢底座支撑风机，保证了风机平稳运行。

The fan is supported by stable channel steel base, so that stable running of the fan is ensured.

●高效等级

High Energy Efficiency Classification

- 风机采用高平衡等级高效的后弯叶轮，结合CFD流场模拟设计的蜗壳及入口文丘里管，使风机能效等级最高可达FEG80(AMCA标准205-10)，保证了风机高效节能的运行。

The fan adopts backward curved wheel with high balancing level and high efficiency. In combination with housing designed by CFD flow field simulation and inlet Venturi pipe, fan Energy Efficiency Classification up to FEG80 (AMCA Standard 205-10), and high-efficiency and energy-saving operating of the fan is ensured.



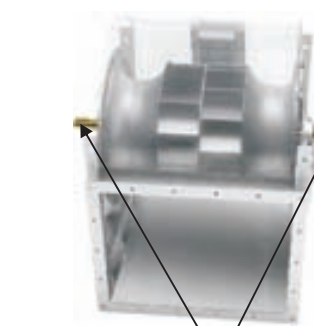
精密的入口文丘里管
和叶轮前盘
Refined Venturi inlet
and front plate of the
wheel at the entrance

●配套方便

Convenient mating device

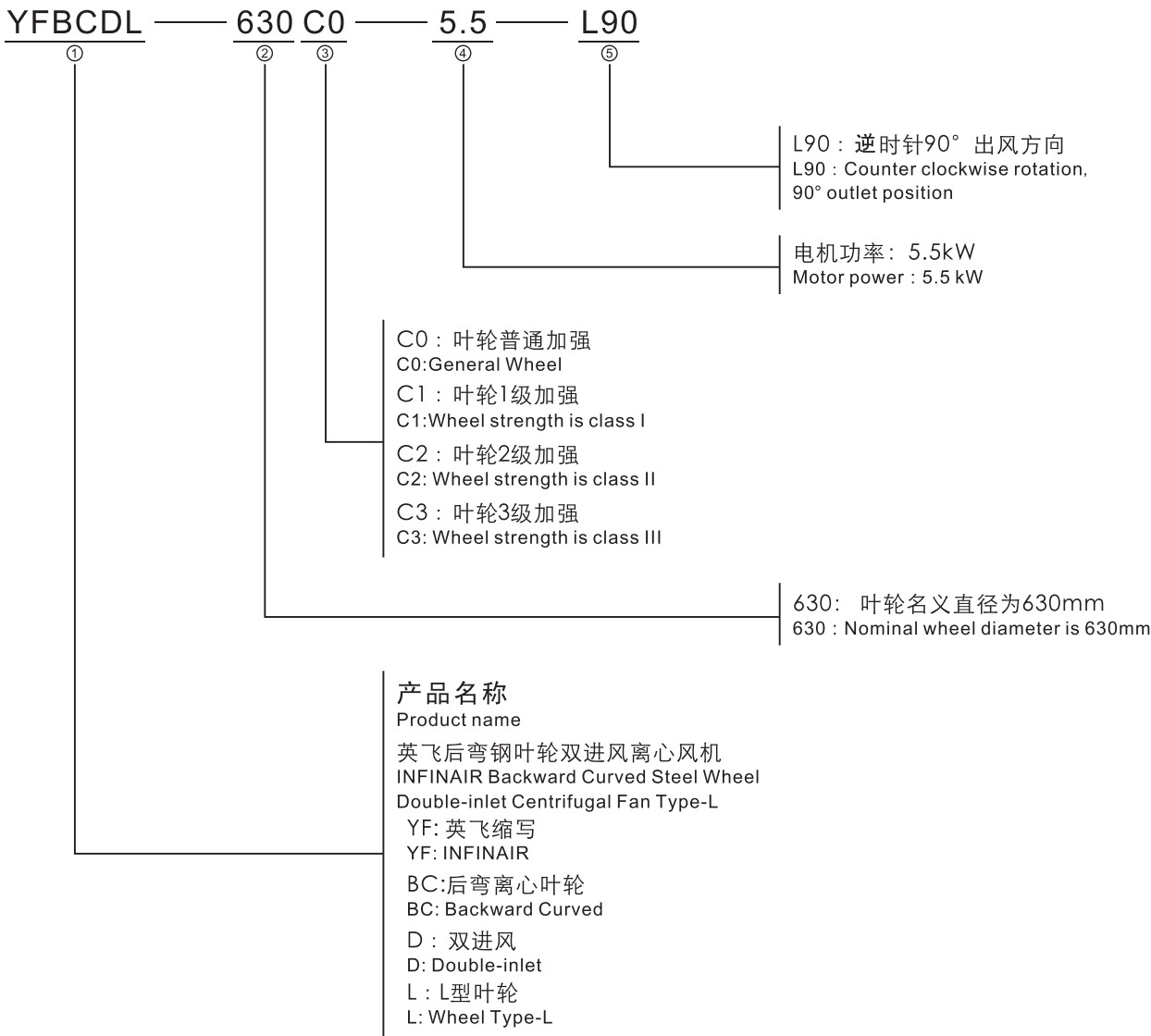
- 风机（A6传动方式）采用轴的两端均可安装传动机构的设计，配套时可根据需求自主选择左旋或右旋安装传动机构。

Design of the fan (A6 drive arrangements) ensures that the driving mechanism could be installed on both ends of the shaft. Driving mechanism of right-handed rotation or left-handed rotation could be adopted as the mating device according to actual needs.

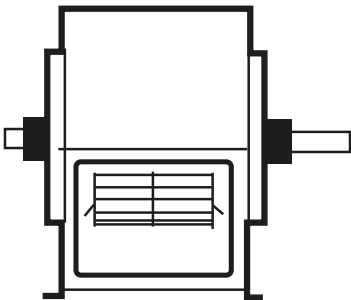


轴两端均可安装传动机构
Driving mechanisms could be installed on both
ends of the shaft

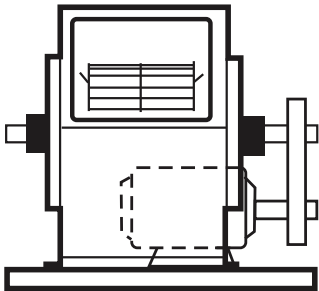
命名规范
Naming Convention



风机传动方式
Drive arrangements for centrifugal fans

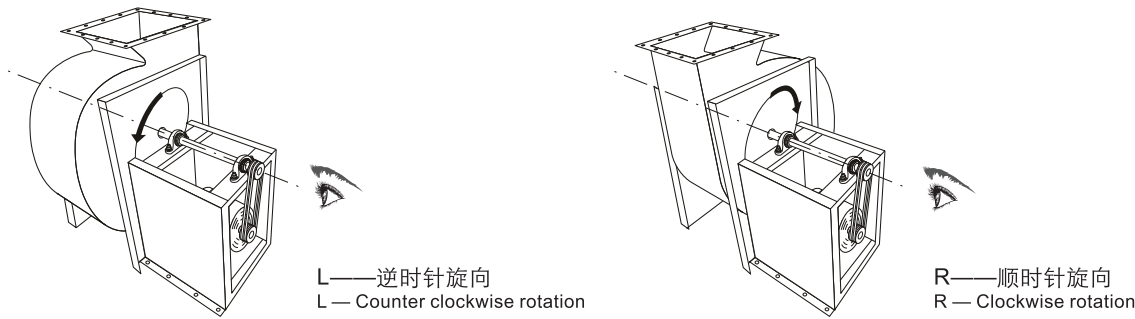


A6（国标：E式）传动方式；
Drive Arrangement 6 (China National Standard: Type E)



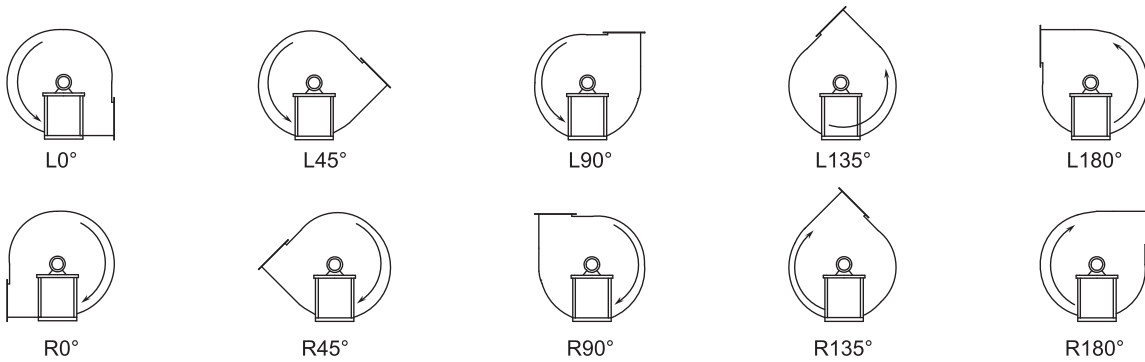
A18（国标：E式）传动方式；
Drive Arrangement 18 (China National Standard: Type E)

旋向说明
Designation for rotation



注意：旋转方向的定义为传动装置一侧观察的结果（如上图所示）。
Note:The rotation is identified from the view of fan drive (as shown in the above figure)

出风方向说明
Designation of outlet position



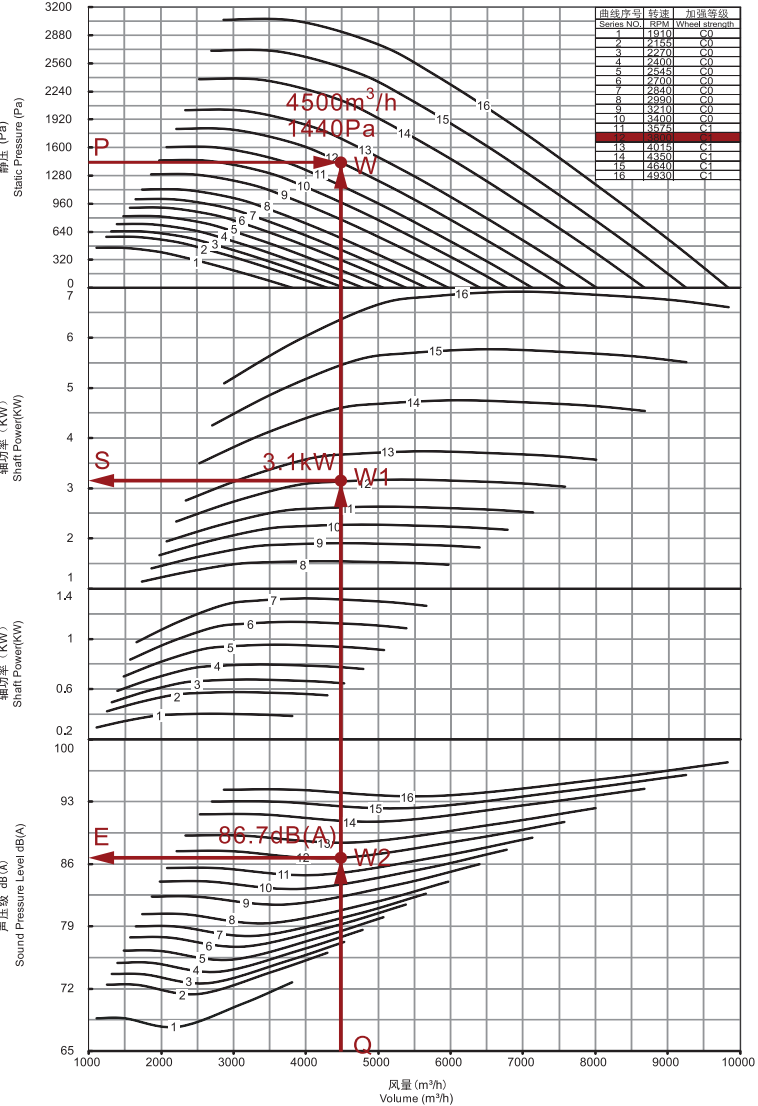
英飞标准 <i>INFINAIR</i> ® standard	L（左）	L0	L45	L90	L135	L180
中国国家标准 China national standard	左	左0°	左45°	左90°	左135°	左180°
ISO标准 ISO standard	LG	LG 270	LG 315	LG 0	LG 45	LG 90
AMCA标准 AMCA standard	CCW	CCW270	CCW315	CCW360	CCW45	CCW90
英飞标准 <i>INFINAIR</i> ® standard	R（右）	R0	R45	R90	R135	R180
中国国家标准 China national standard	右	右0°	右45°	右90°	右135°	右180°
ISO标准 ISO standard	RD	RD 270	RD 315	RD 0	RD 45	RD 90
AMCA标准 AMCA standard	CW	CW 270	CW 315	CW 360	CW 45	CW 90

命名、传动方式、旋向、出风方向举例：
Examples of Naming, Drive Arrangements, Rotation Direction, Outlet position:

- YFBCDL-630C1-5.5-R0
- 命名含义：后弯叶片离心叶轮，双进风，L型风机，叶轮名义直径为630mm，C1加强等级，皮带传动，配5.5kW电机，右旋0度出风方向。
Name meaning: centrifugal wheel with backward curved blades, Double-inlet, centrifugal fan Type-L, Nominal wheel diameter is 630mm, wheel strength is class I, belt drive, 5.5kW motor.
- 传动方式：A6(国标：E式)。
Drive arrangements: A6 (China National Standard: E Type)
- 旋向选择：如果选择右旋（顺时针旋向）用R表示。
Selection of rotation direction: R indicates right-handed rotation (clockwise).
- 出风方向选择：出风方向选择0度，即表示为R0（国标：右0，ISO标准：RD270，AMCA标准：CW270）。
Selection of outlet position: R0 indicates that 0 degree is selected for outlet position (China National Standard: right 0, ISO Standard: Rd270, AMCA Standard: Cw270)

曲线说明
Curve Explanation

- 每个型号风机由一组曲线表示不同传动方式的不同转速下的性能。
The performances of fan of each model in different drive modes at different speeds are represented by a group of curves.
- 静压曲线显示不同风量和转速下风机的静压。
Static pressure curve indicates static pressures of the fan at different volumes and speeds.
- 轴功率曲线显示风机实际耗用的电能。
Shaft power curve indicates practical power consumption of fan.
- 声压级曲线显示距离风机1.5米的噪声。
Sound pressure level curve indicated the noise level at 1.5 meter distance.



Step 3: drawing a horizontal line from an intersection point (point W2 in the figure) between the vertical line and Sound pressure level of corresponding rotating speed in a way of intersecting with Sound pressure level, wherein the intersection point (point S in the figure: about 86.7dB(A)) is the noise level of operating point W.

Step 4: initially selecting the model of YFBCDL-280C1-4, A6/A18 belt drive and the rotating speed of 3800RPM according to the steps above. If lower power is required, comparison can be made in reference to fan of large model, but initial investment will be increased.

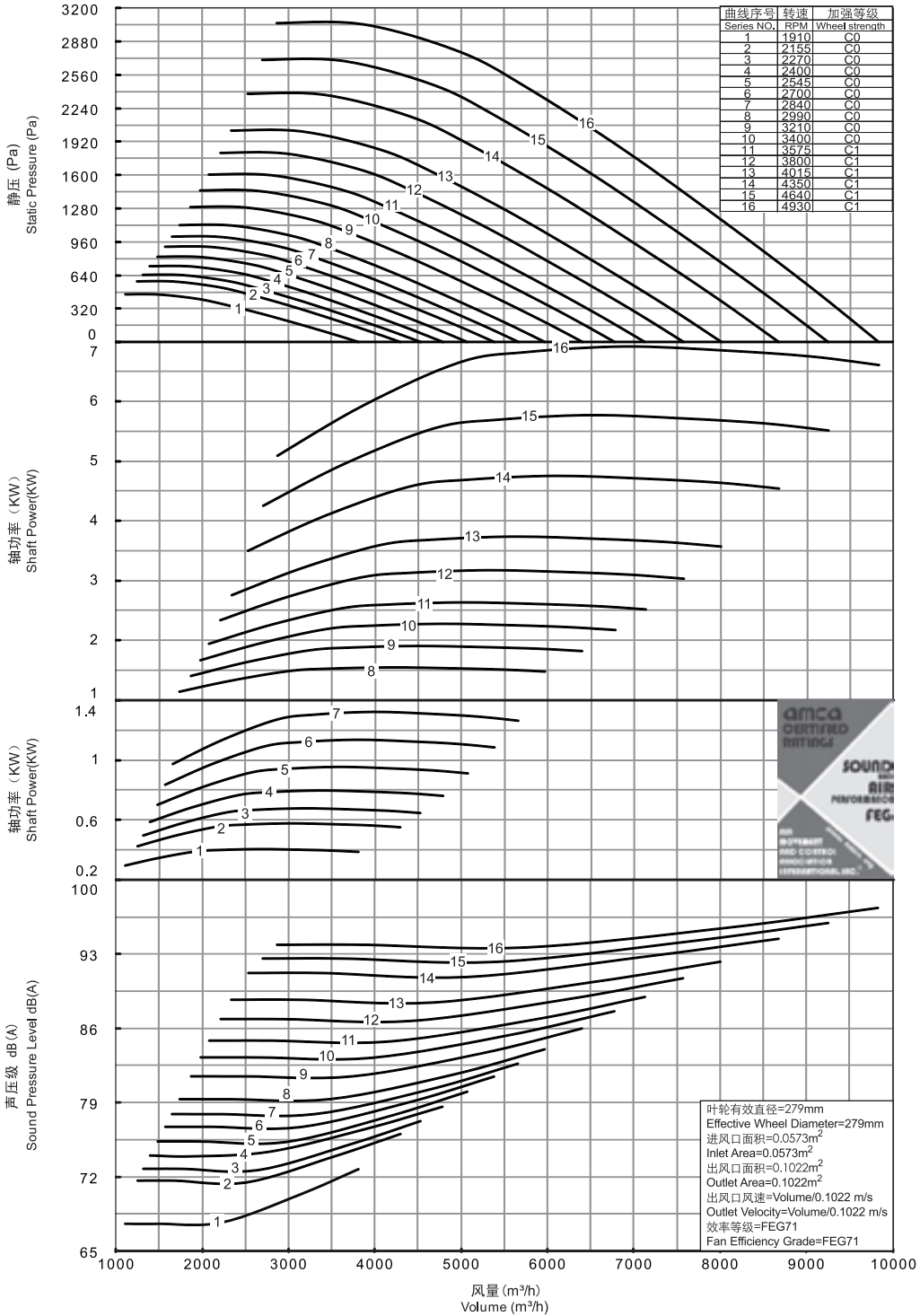
Step 5: further searching according to the arrow. If required parameter change flow is 3500 m³/h and static pressure is 1280Pa, the distance between point W and 3400RPM curve is very small.

Remark: Coefficient of power reserve is decided according to practical requirement of pattern selection personnel, and is generally 1.15~1.5.

经认证的性能是 B类安装：自由入口，管道出口。功率额定值(kW)不包括传动损失。各项性能额定值不包括附属物(附件)的影响。所示A加权声音性能额定值已按 AMCA International标准301计算。所示值为安装类型B：自由入口，管道出口的声功率级（入口LwIA）。所示声功率级额定值以分贝为单位，参考声功率为 10⁻¹²瓦，按照 AMCA International标准301计算。dB(A) 声压级参数基于每个倍频程在1.5米距离外按照11.5dB衰减计算。dB(A) 声压级未获 AMCA International授权。

YFBCDL-280性能参数(A6\A18)
YFBCDL-280 Performance data (A6\A18)

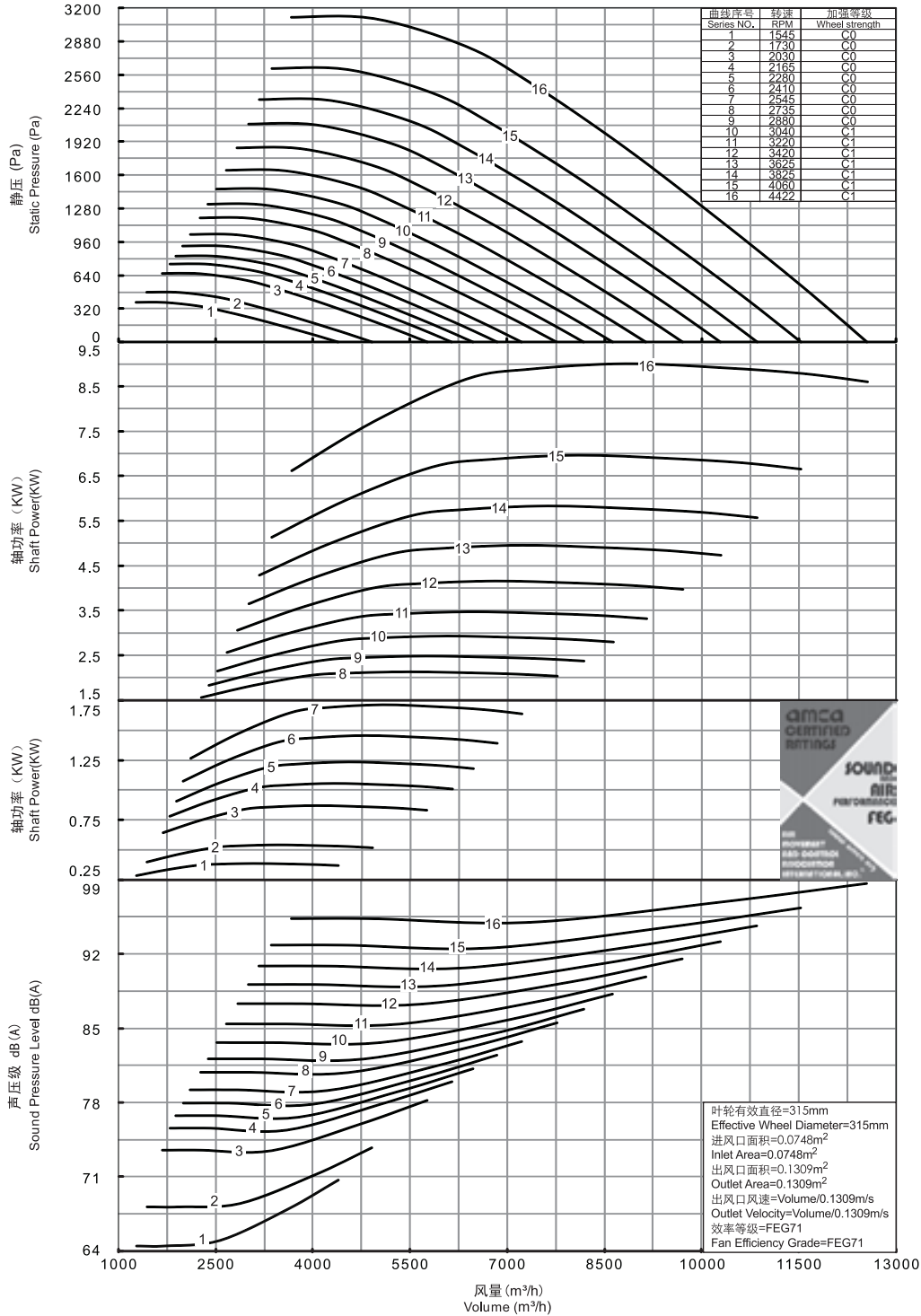
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Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwIA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-315性能参数(A6\A18)
YFBCDL-315 Performance data (A6\A18)

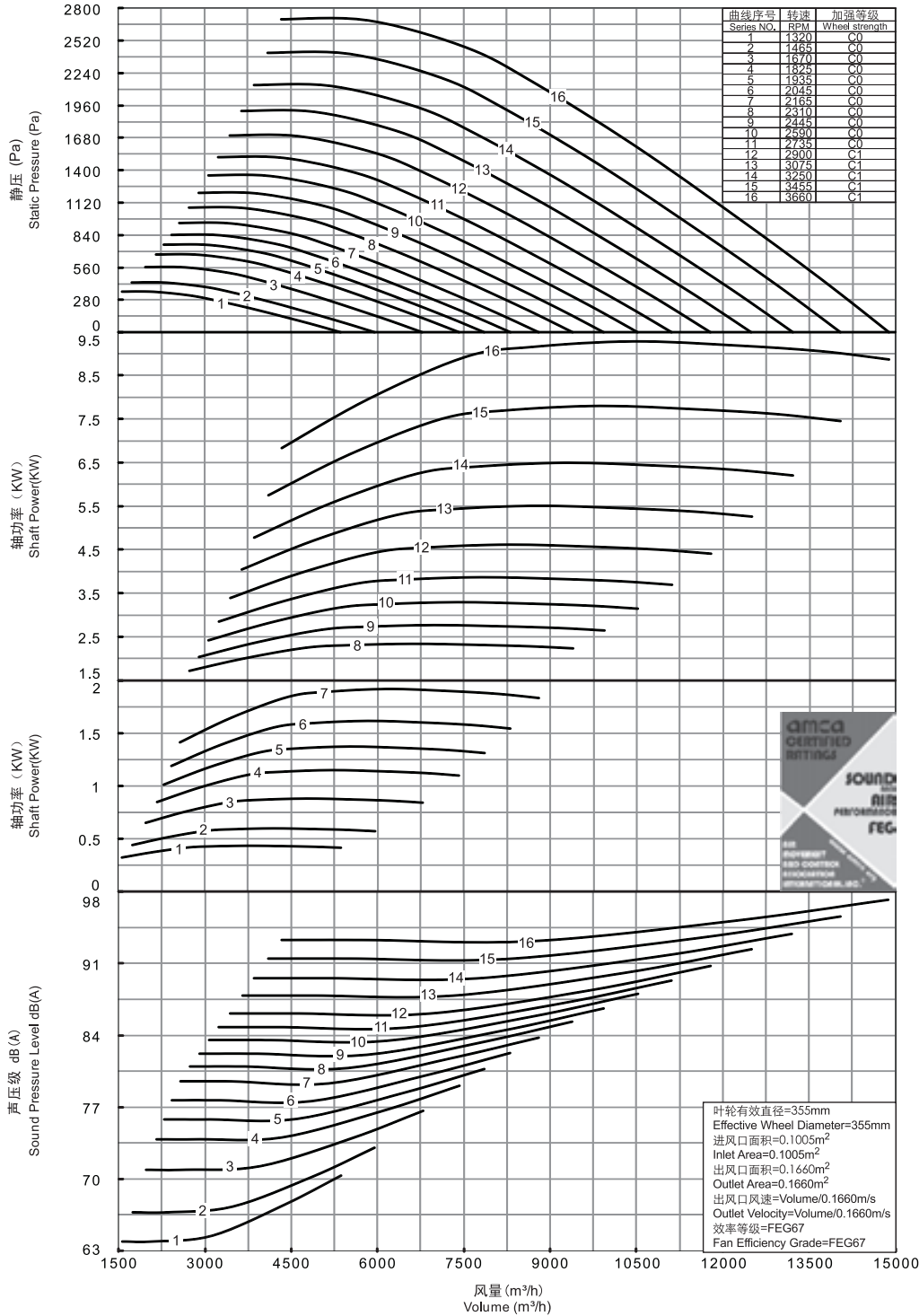
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YFBCDL-355性能参数(A6\A18)
YFBCDL-355 Performance data (A6\A18)

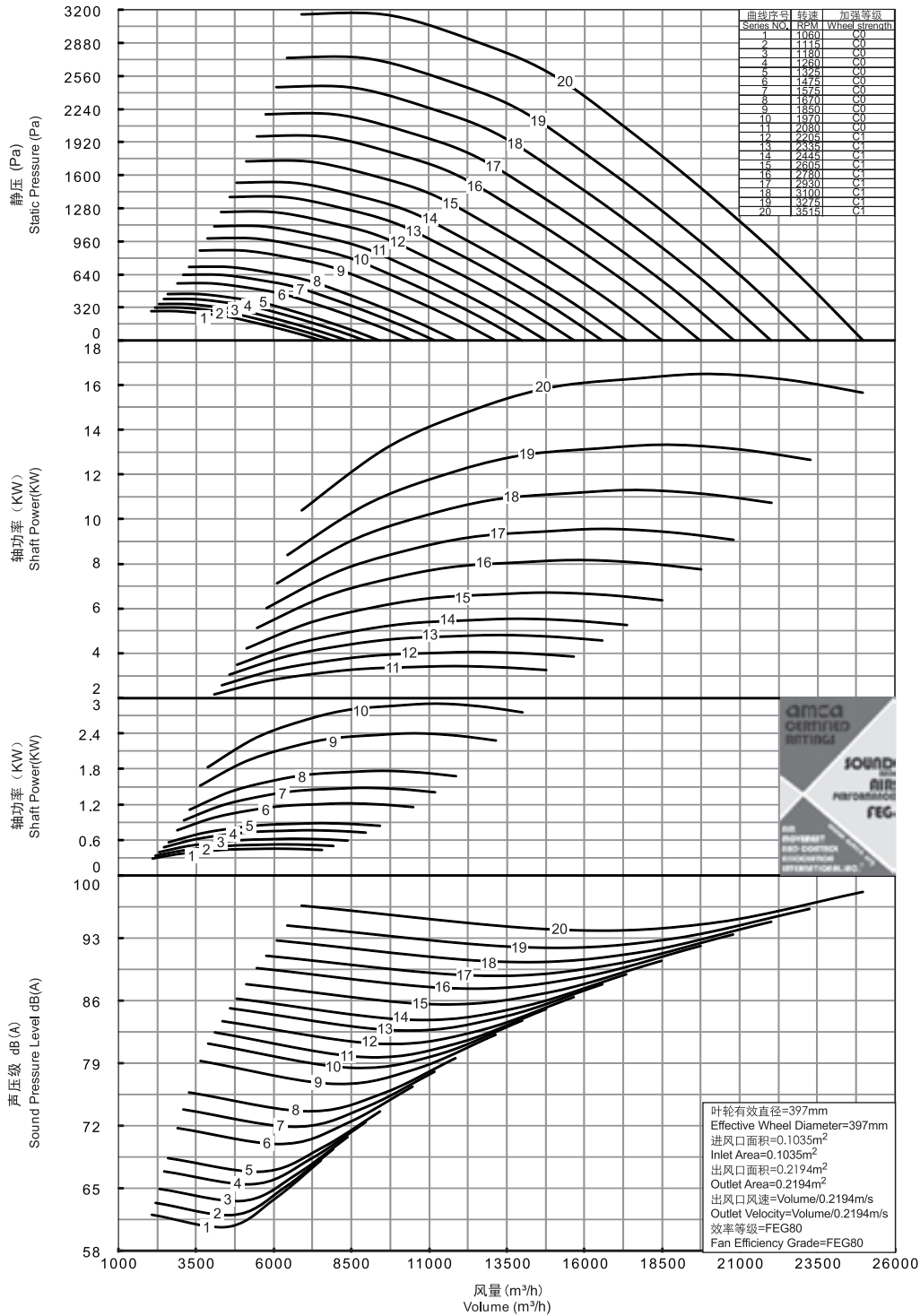
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YFBCDL-400性能参数(A6\A18)
YFBCDL-400 Performance data (A6\A18)

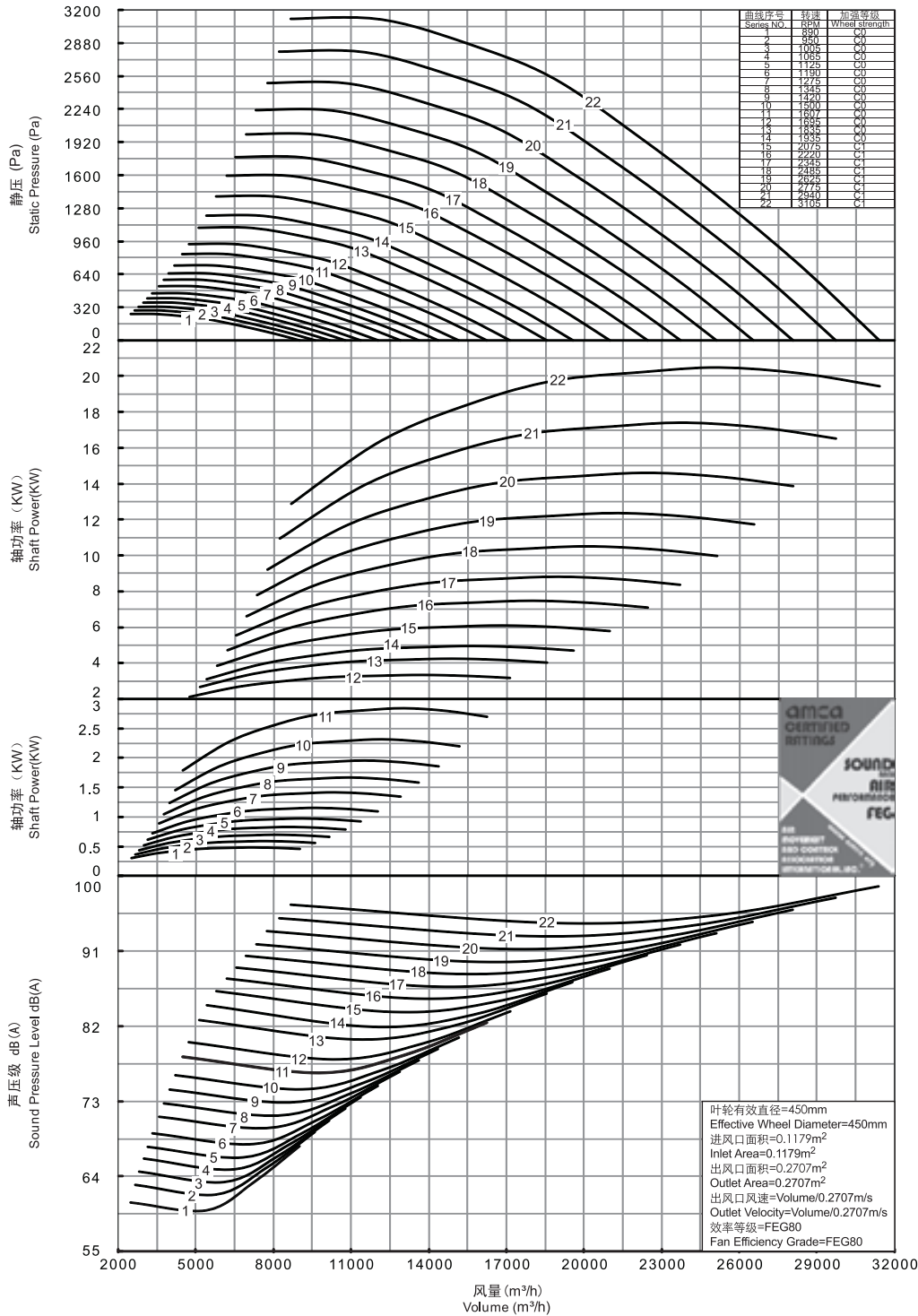
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YFBCDL-450性能参数(A6\A18)
YFBCDL-450 Performance data (A6\A18)

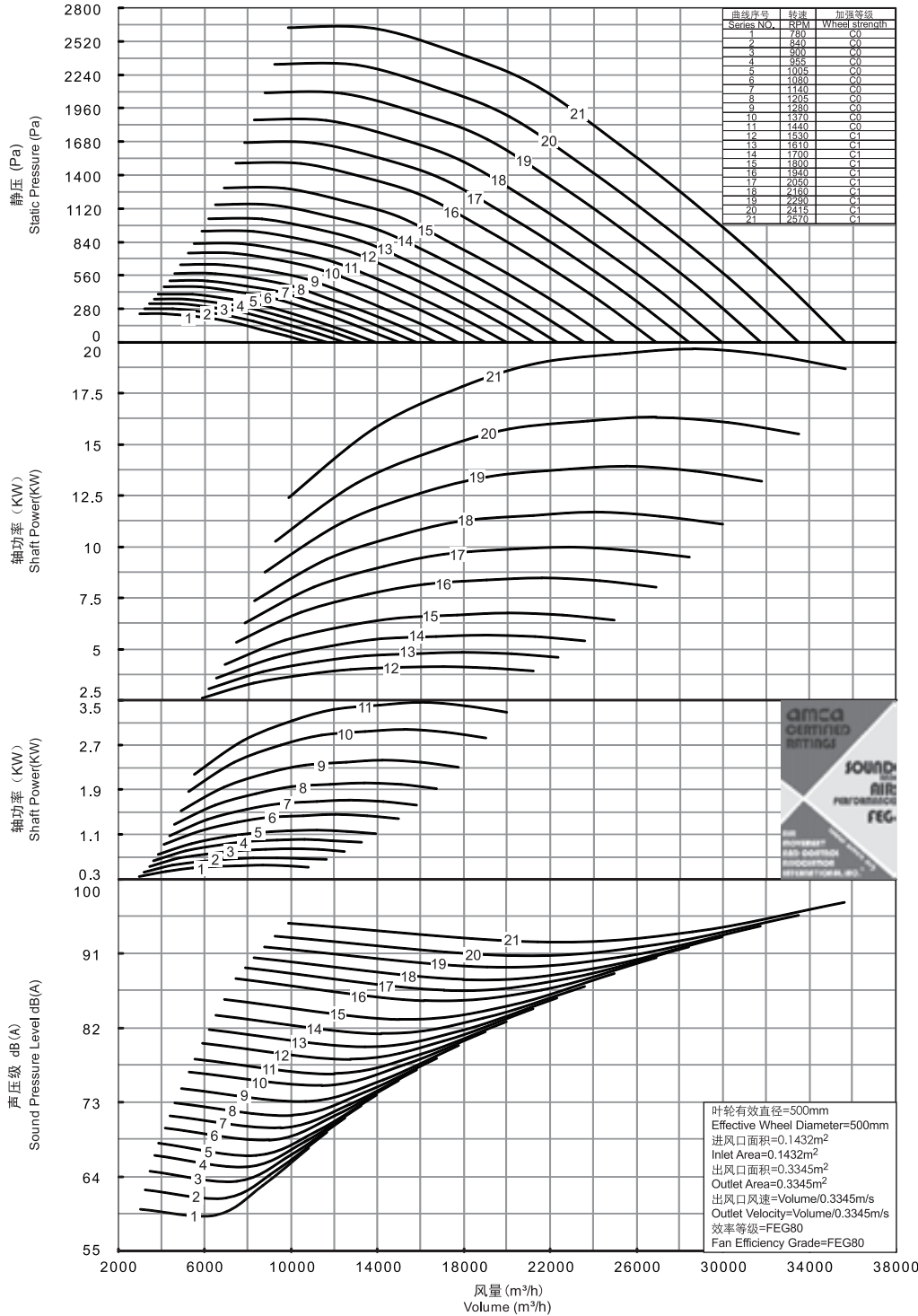
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YFBCDL-500性能参数(A6\A18)
YFBCDL-500 Performance data (A6\A18)

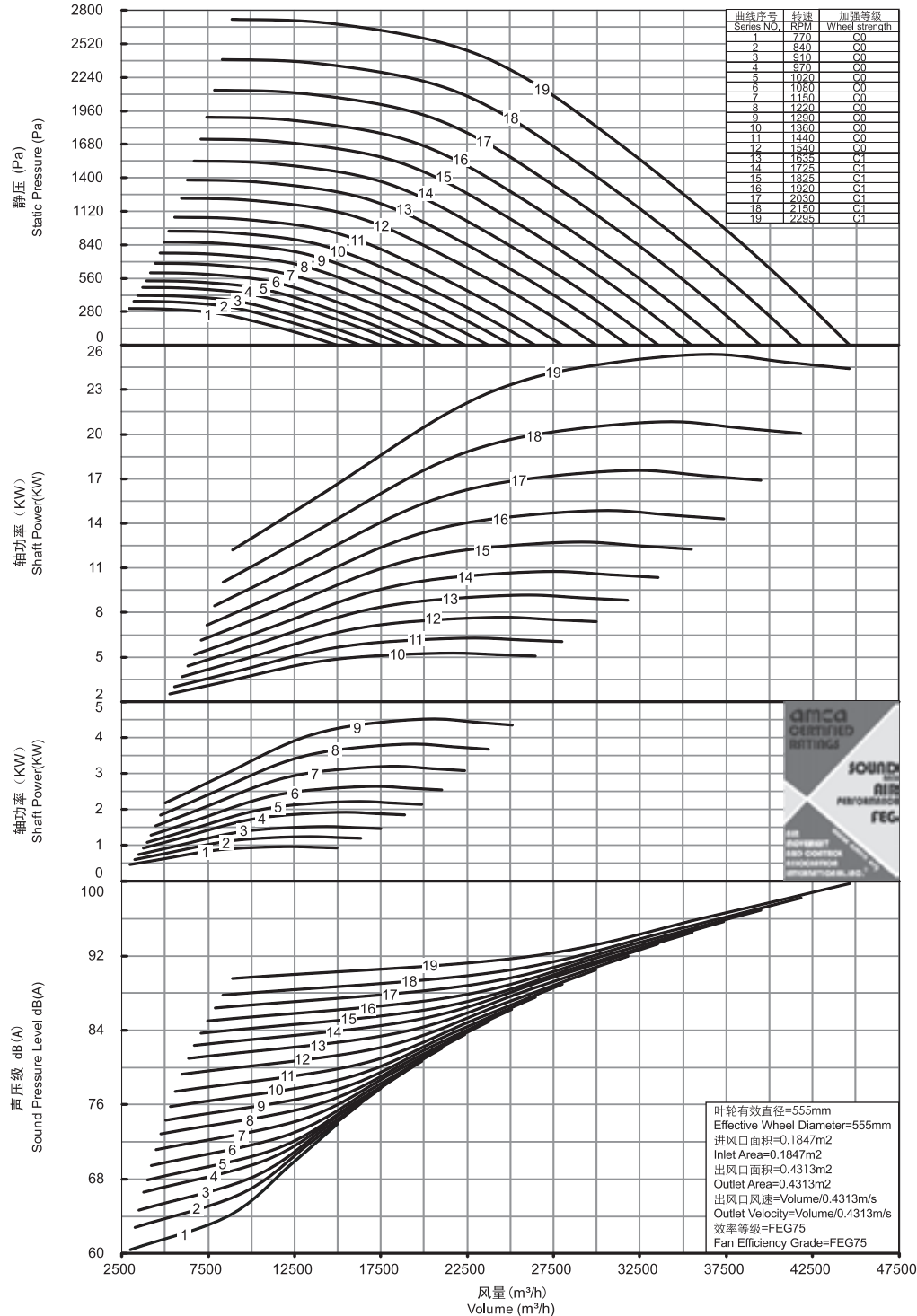
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YFBCDL-560性能参数(A6\A18)
YFBCDL-560 Performance data (A6\A18)

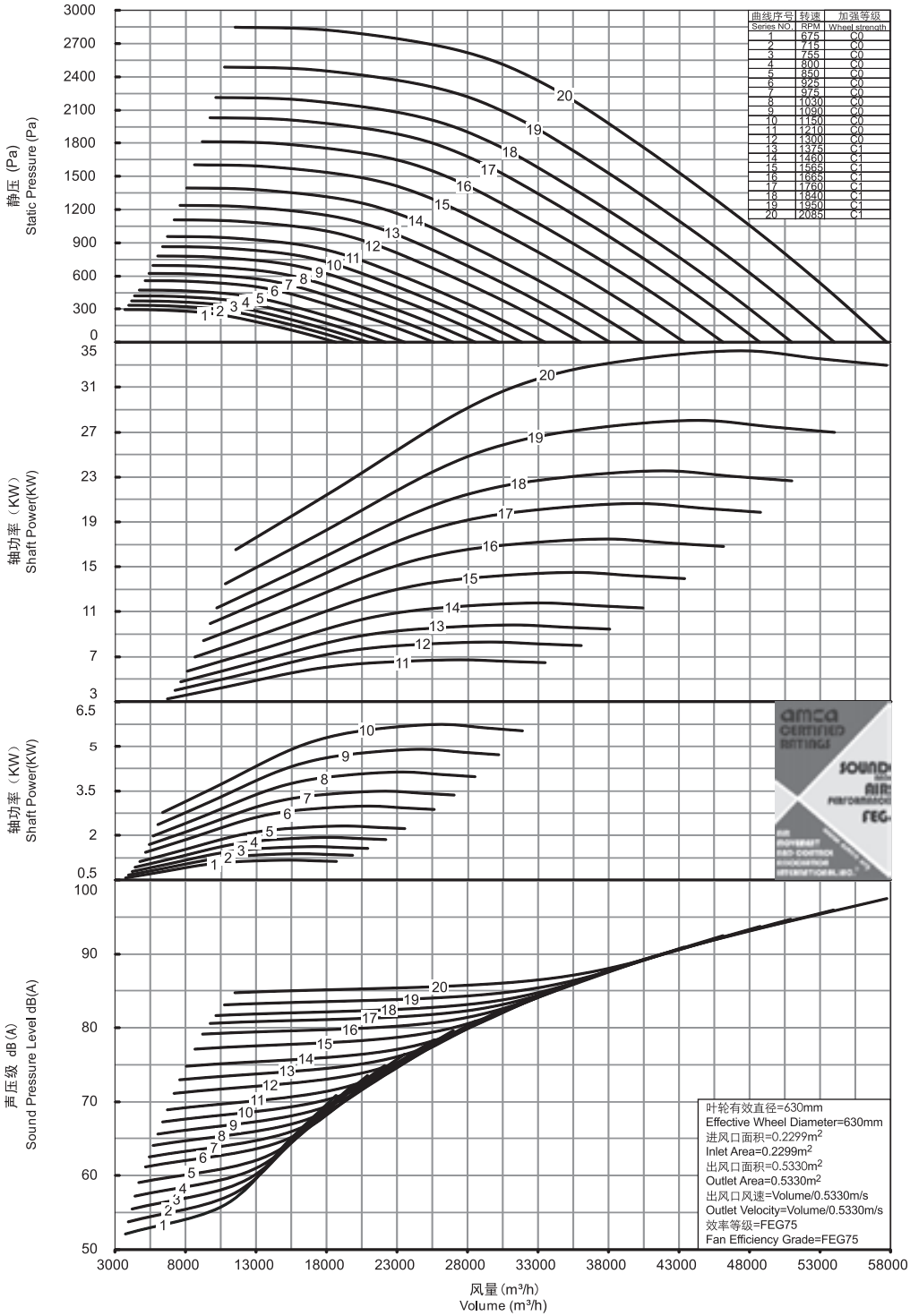
注： 以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-630性能参数(A6\A18)
YFBCDL-630 Performance data (A6\A18)

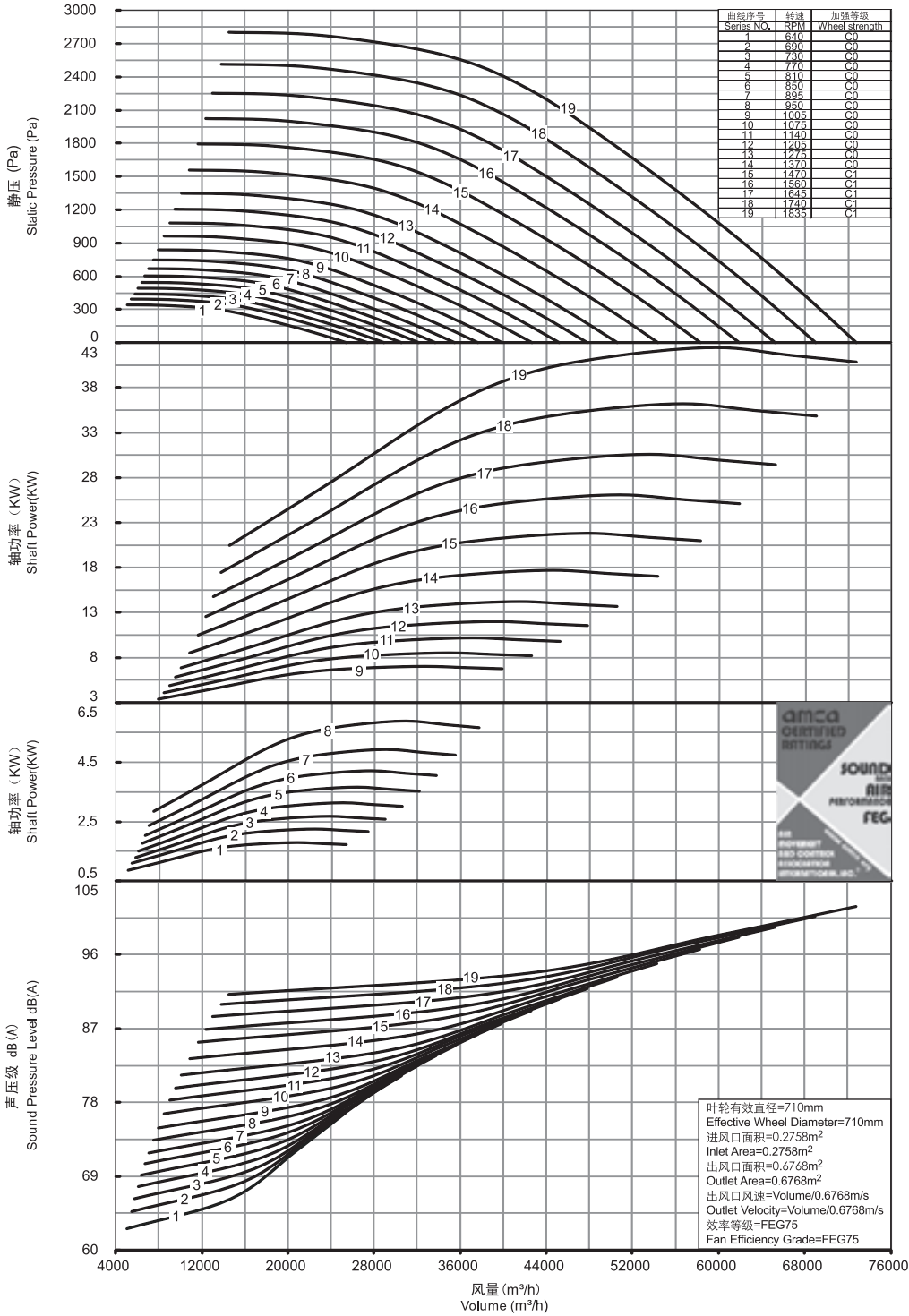
注：以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-710性能参数(A6\A18)
YFBCDL-710 Performance data (A6\A18)

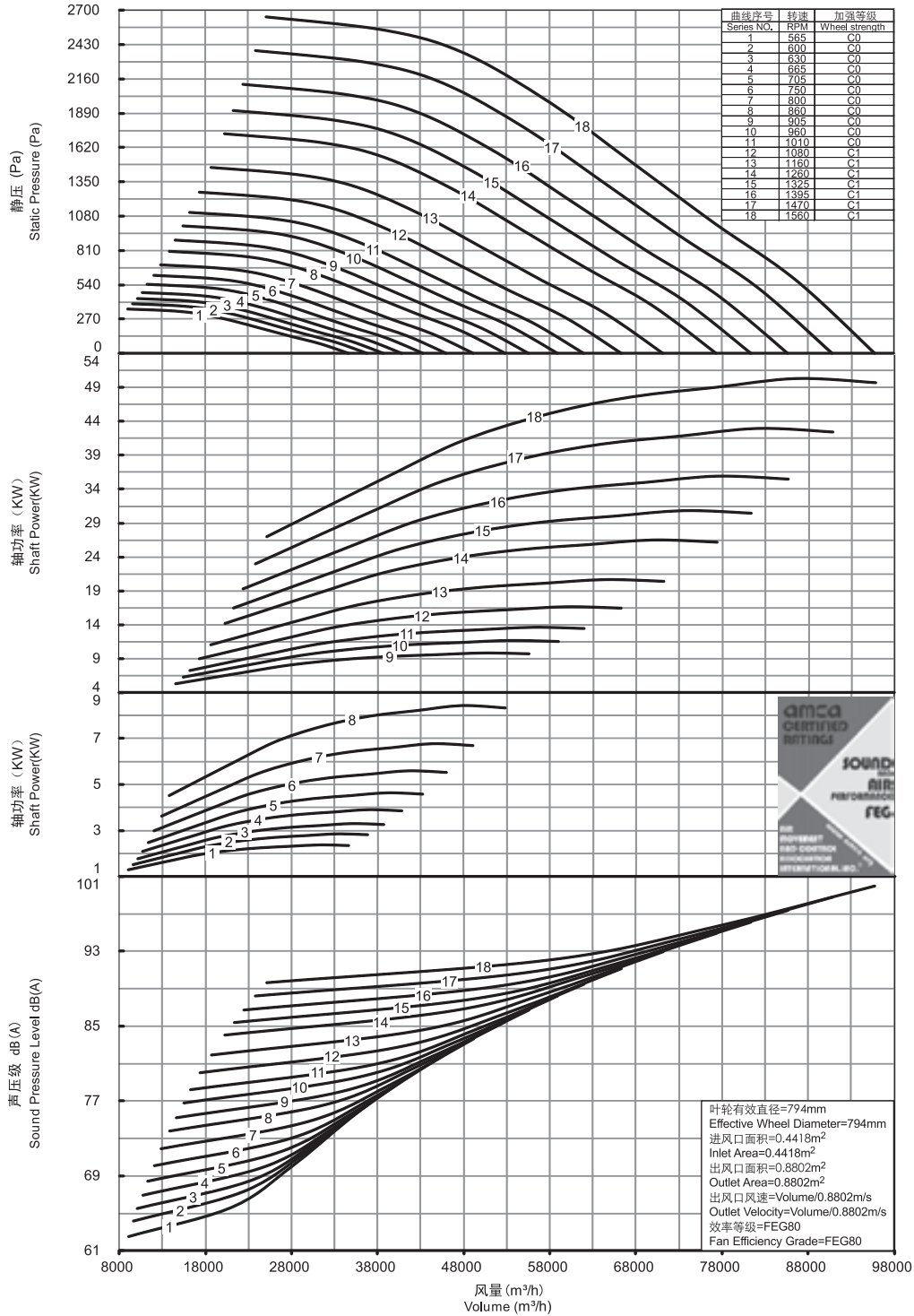
注：以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-800性能参数(A6\A18)
YFBCDL-800 Performance data (A6\A18)

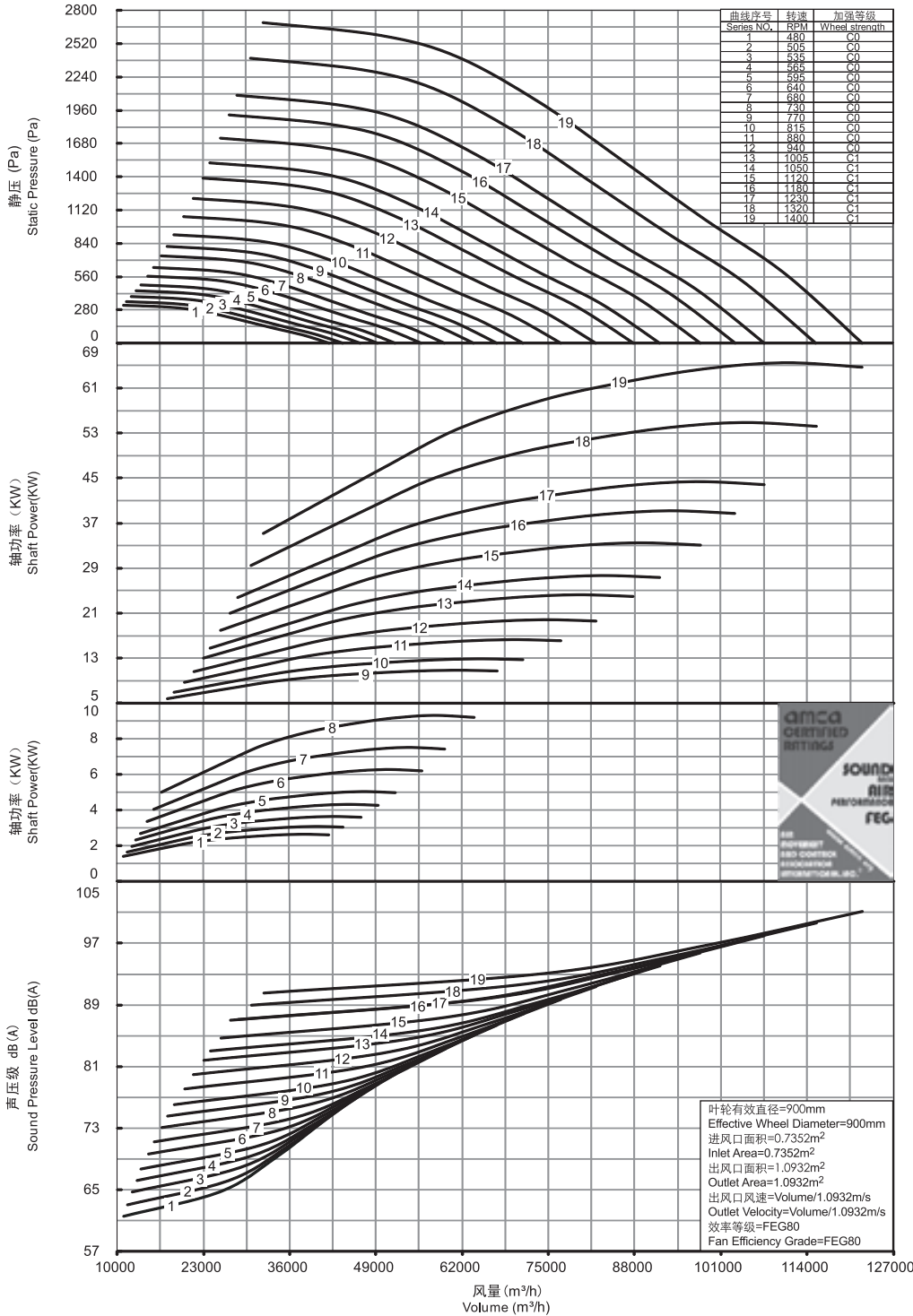
注： 以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwIA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-900性能参数(A6\A18)
YFBCDL-900 Performance data (A6\A18)

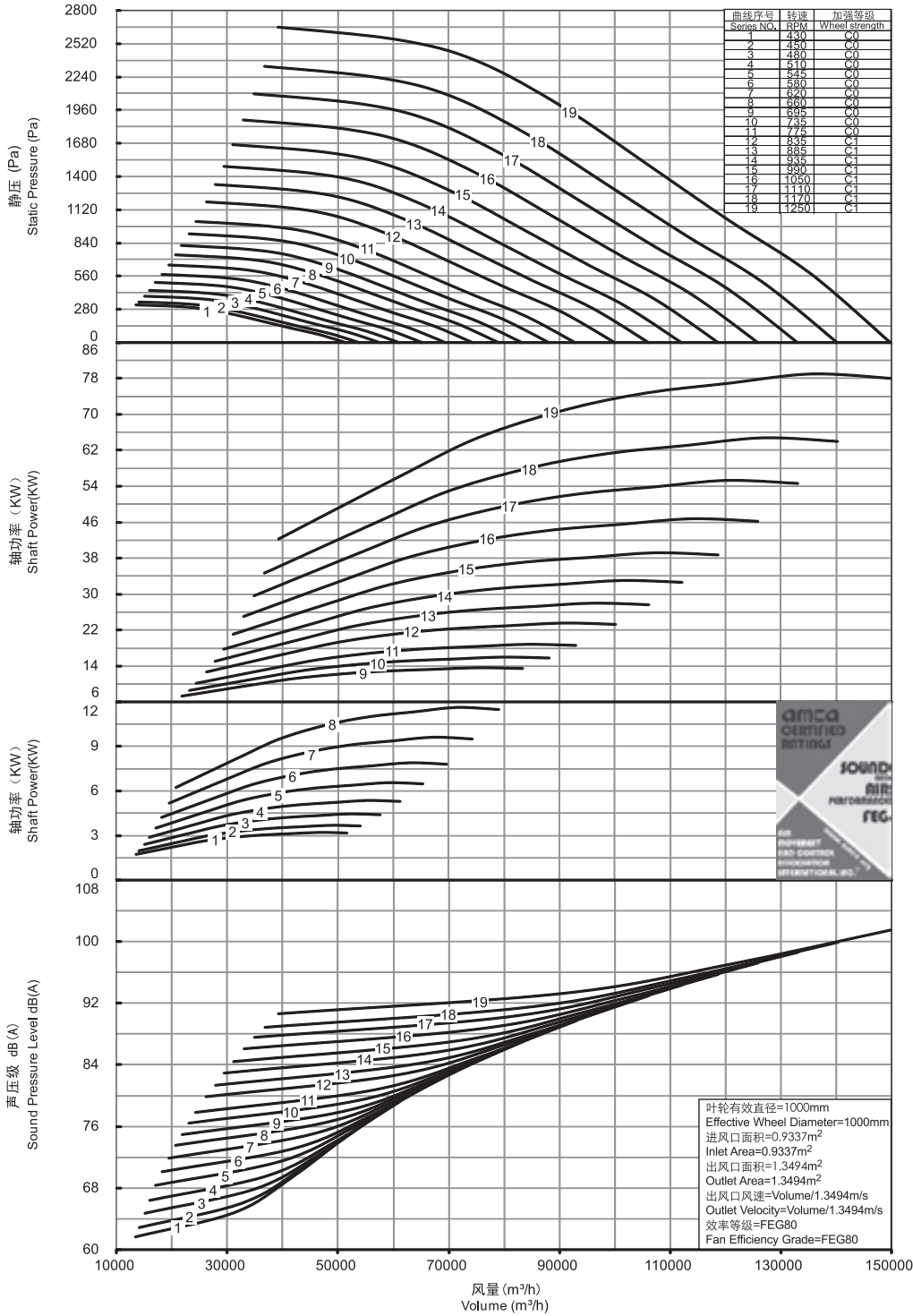
注： 以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwIA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-1000性能参数(A6\A18)
YFBCDL-1000 Performance data (A6\A18)

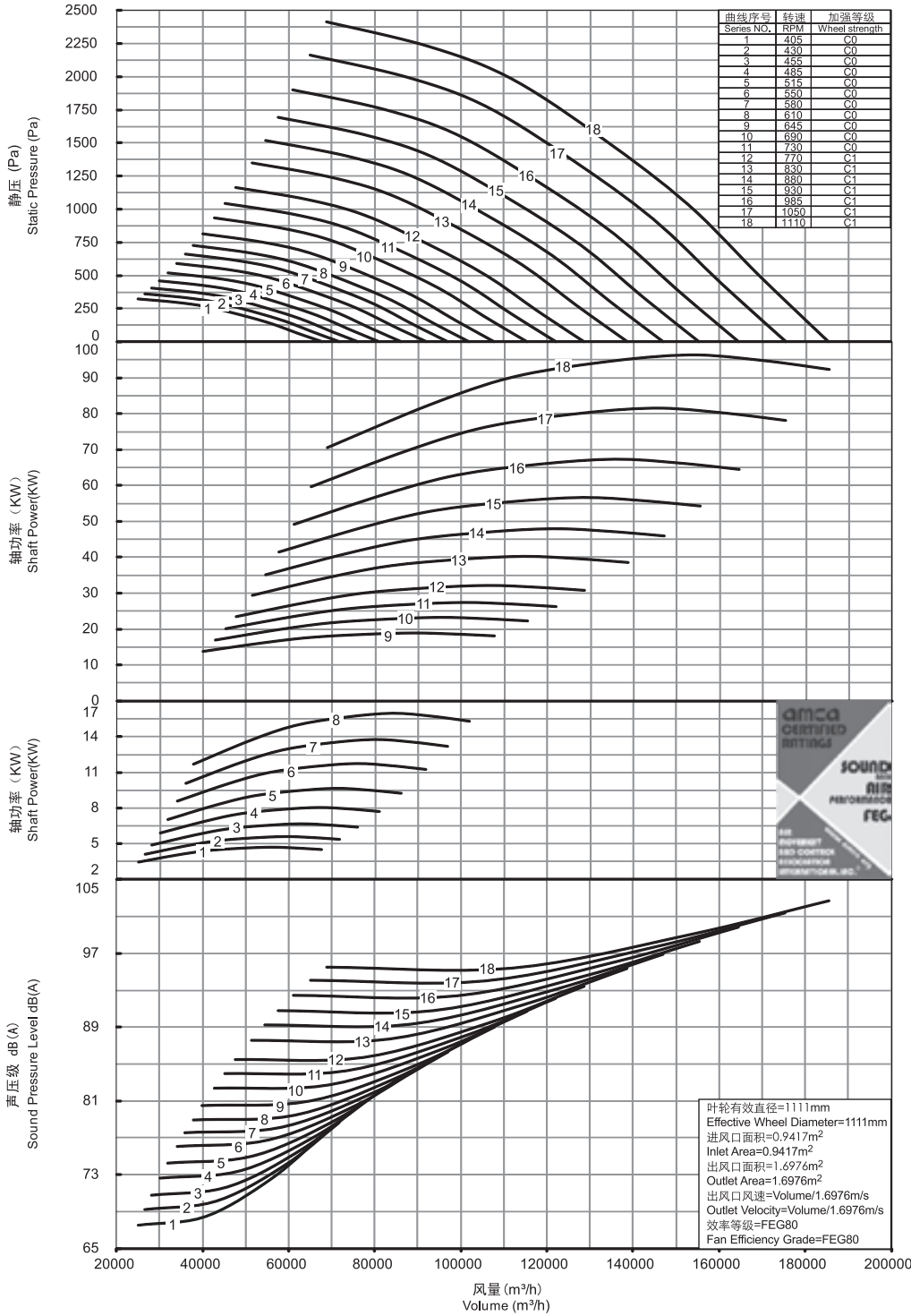
注：以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-1120性能参数(A6\A18)
YFBCDL-1120 Performance data (A6\A18)

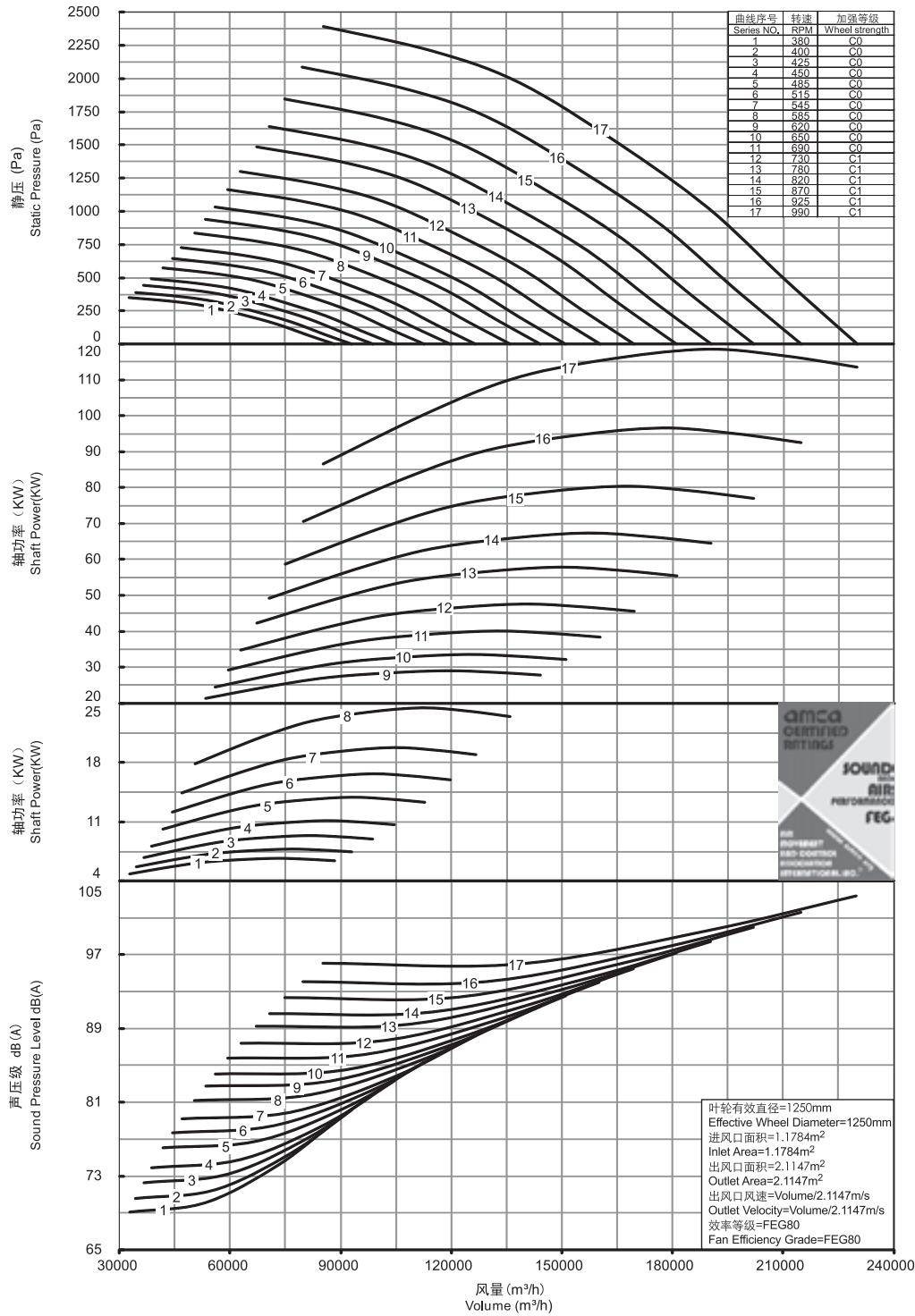
注：以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-1250性能参数(A6\A18)
YFBCDL-1250 Performance data (A6\A18)

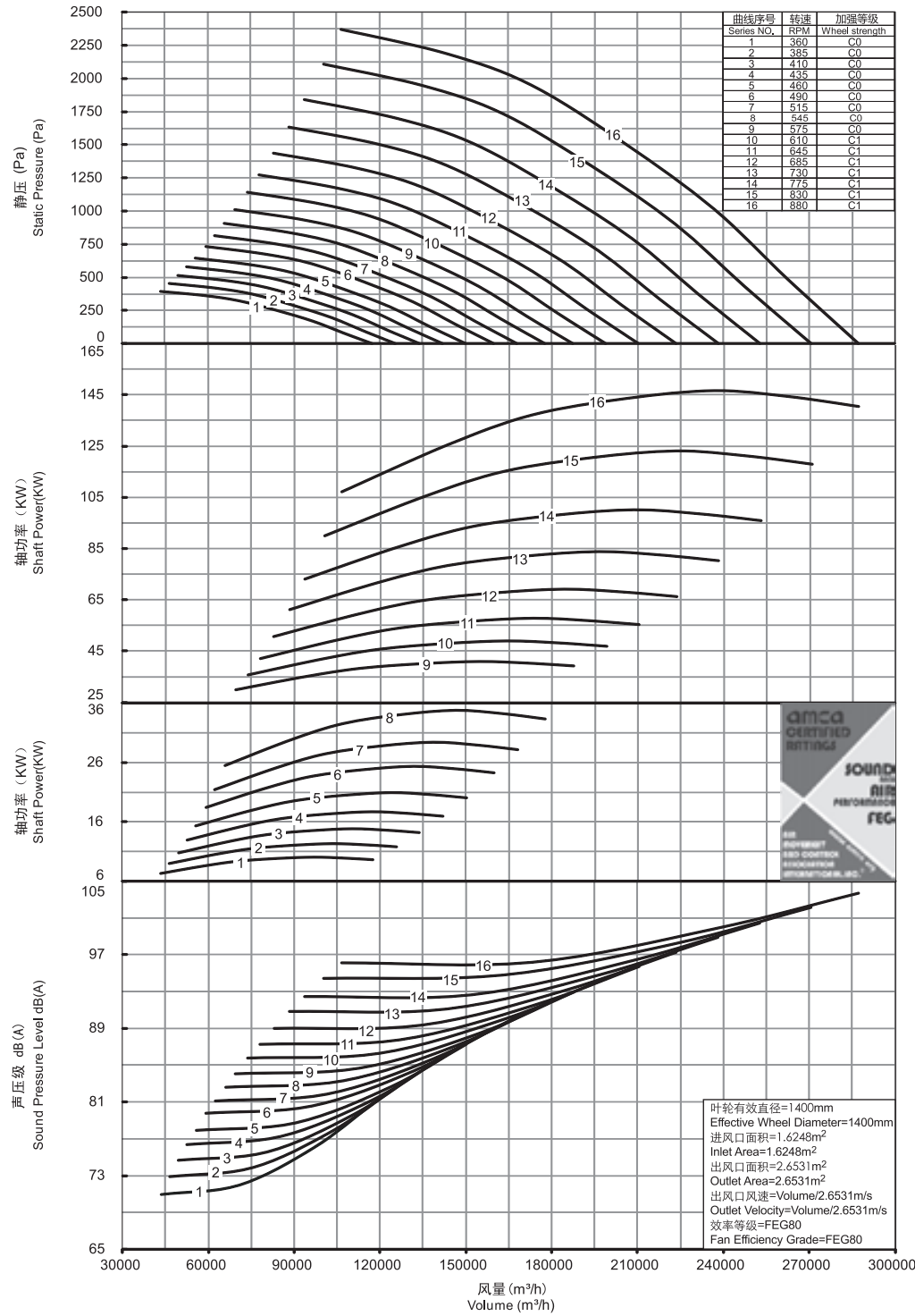
注：以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-1400性能参数(A6\A18)
YFBCDL-1400 Performance data (A6\A18)

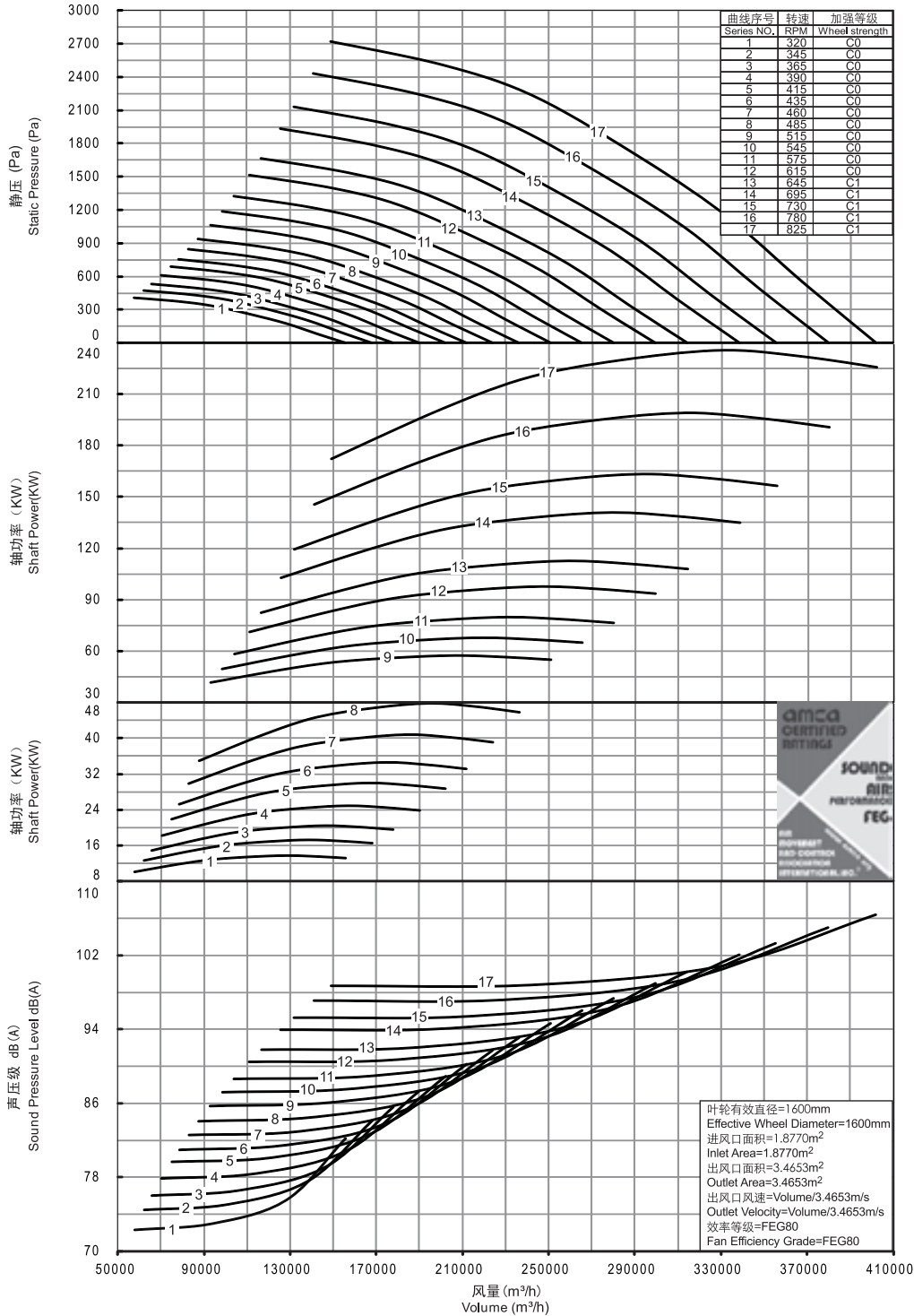
注：以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-1600性能参数(A6\A18)
YFBCDL-1600 Performance data (A6\A18)

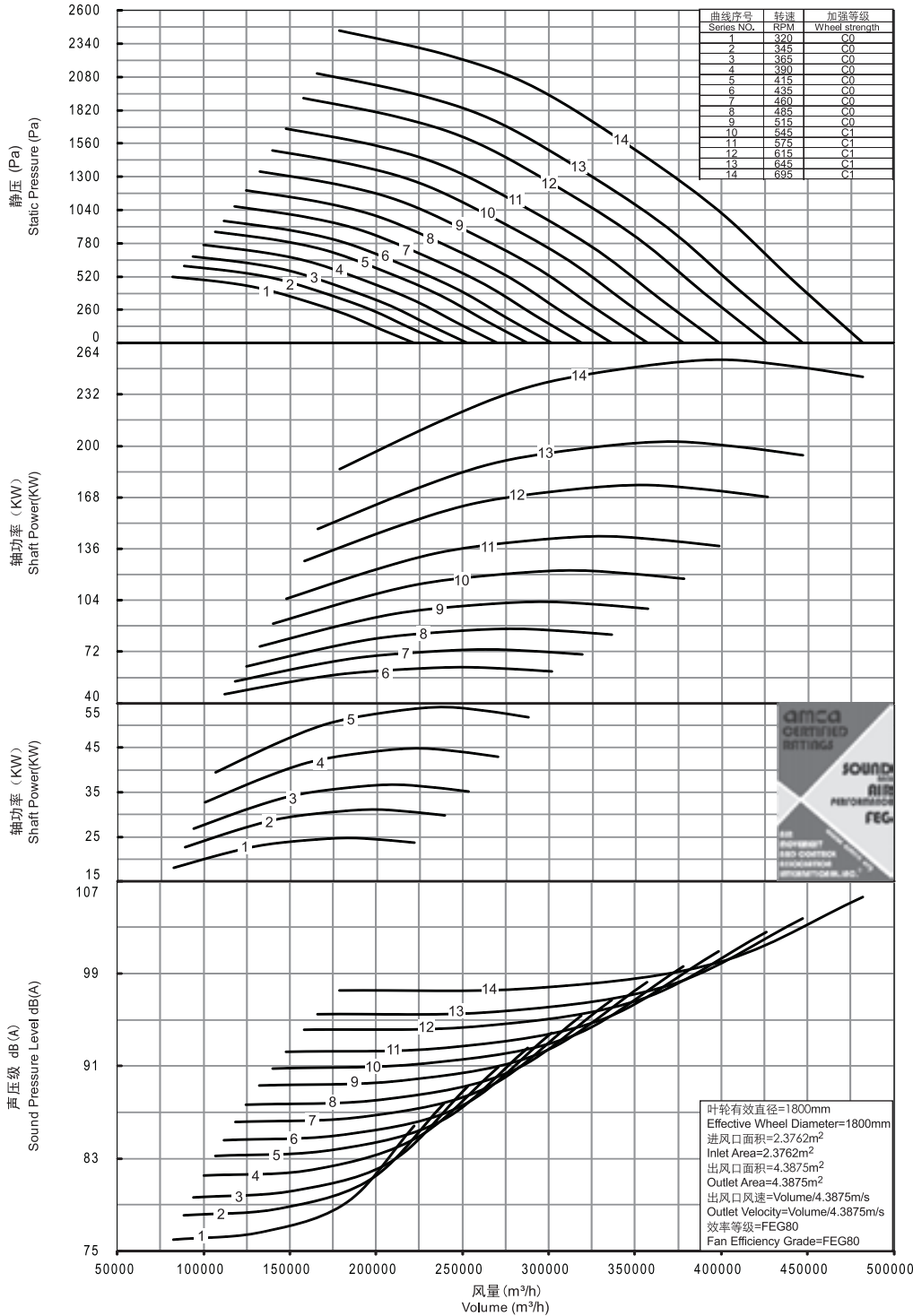
注： 以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-1800性能参数(A6\A18)
YFBCDL-1800 Performance data (A6\A18)

注： 以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.

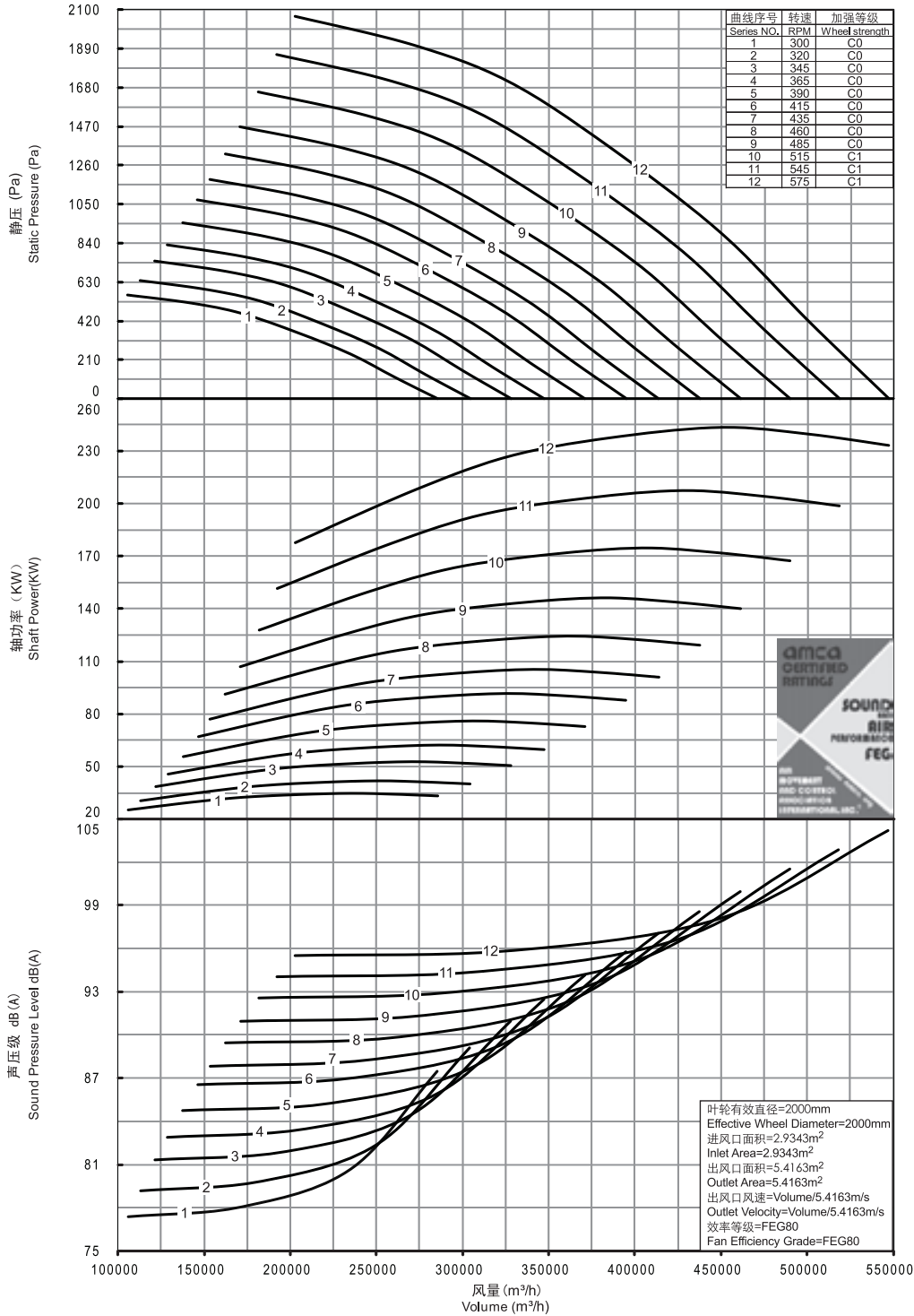


Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL-2000性能参数(A6\A18)
YFBCDL-2000 Performance data (A6\A18)

噪声参数 Sound Data

注： 以下为标准状态20℃下性能参数。转速为名义值。
Note: The following are performance parameters under standard condition (20℃). The rotation speed is nominal value.



Performance certified is for installation type B - free inlet, ducted outlet. Power rating (kW) does not include transmission losses. Performance ratings do not include the effects of appurtenances(accessories). Values shown are for inlet LwIA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL 280

风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级
			八段倍频程 OCTAVE BANOS									
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWia	dB(A)
1910	459	1112	77	75	77	79	73	68	64	59	79	68
	457	1498	77	75	77	79	73	68	64	59	79	68
	367	2226	77	76	77	79	73	70	66	61	79	68
	170	3125	78	77	78	81	76	74	70	66	82	70
	0	3808	81	79	79	82	79	77	74	70	84	73
2155	584	1255	81	79	79	84	76	72	67	62	83	72
	581	1691	81	79	79	84	76	72	67	62	83	72
	467	2512	80	80	80	83	77	73	69	64	83	71
	217	3526	82	81	80	85	79	77	74	70	85	74
	0	4296	83	84	81	86	82	80	77	73	88	76
2270	648	1322	82	81	81	85	78	73	69	64	84	73
	645	1781	82	81	81	85	78	73	69	64	84	73
	518	2646	82	81	81	84	78	75	71	66	84	73
	241	3714	83	83	82	86	80	78	75	71	87	75
	0	4526	85	86	83	87	83	81	78	74	89	77
2400	724	1397	84	83	82	86	79	75	70	65	86	74
	721	1883	84	83	82	85	80	75	72	67	85	74
	579	2798	84	83	82	85	80	77	73	69	86	74
	269	3927	85	85	83	87	82	80	77	73	88	77
	0	4785	86	88	84	88	85	82	80	76	90	79
2545	814	1482	86	85	83	87	81	76	72	67	87	75
	811	1997	86	85	83	87	81	76	72	67	87	75
	652	2967	85	85	84	86	81	78	74	69	87	75
	303	4164	86	87	84	88	83	81	78	74	89	78
	0	5074	87	90	85	89	86	84	81	77	91	80
2700	916	1572	88	87	84	88	83	78	74	69	88	77
	913	2118	88	87	84	88	83	78	74	69	88	77
	733	3147	87	87	85	87	83	79	76	71	88	77
	341	4418	88	89	85	89	85	82	80	76	91	79
	0	5383	88	92	86	90	88	85	83	79	93	81
2840	1014	1653	89	88	86	89	84	79	75	70	89	78
	1010	2228	89	88	86	89	84	79	75	70	89	78
	811	3310	88	88	86	88	84	80	77	72	89	78
	377	4647	89	90	87	90	86	83	81	77	92	80
	0	5662	90	94	88	91	89	86	84	80	94	83
2990	1124	1741	91	90	87	90	86	81	77	72	91	79
	1119	2346	91	90	87	90	86	81	77	72	91	79
	899	3485	90	90	88	89	86	82	79	74	91	79
	418	4892	91	92	88	91	88	85	83	79	93	82
	0	5961	91	96	89	92	91	88	86	82	96	84
3210	1295	1869	92	92	89	91	89	83	79	74	93	81
	1290	2518	92	92	89	91	89	83	79	74	93	81
	1037	3742	91	92	90	91	89	84	81	76	93	81
	482	5252	92	94	90	92	91	87	85	81	95	84
	0	6400	92	97	92	93	93	90	88	84	97	86
3400	1453	1980	93	94	91	93	91	85	80	76	95	83
	1447	2667	93	94	91	93	91	85	80	76	95	83
	1163	3963	92	94	92	92	91	86	82	78	95	83
	540	5563	93	95	92	94	93	88	86	82	97	85
	0	6778	93	99	94	95	95	91	89	85	99	88
3575	1606	2081	94	95	93	94	93	86	82	77	96	85
	1600	2805	94	95	93	94	93	86	82	77	96	85
	1286	4167	93	95	94	93	93	87	83	79	96	85
	597	5849	94	97	94	95	95	90	87	84	98	87
	0	7127	94	100	96	96	97	93	90	87	100	89
3800	1815	2212	95	97	95	95	96	88	83	79	98	87
	1808	2981	95	97	95	95	95	88	83	79	98	87
	1453	4429	94	97	95	95	95	89	85	81	98	87
	675	6217	95	99	96	96	97	91	89	85	100	89
	0	7576	95	101	98	97	98	94	92	88	102	91
4015	2026	2338	96	99	97	96	98	90	85	80	100	89
	2018	3150	96	99	97	96	98	90	85	80	100	89
	1622	4680	95	99	97	96	97	90	87	82	100	88
	753	6569	96	100	98	97	99	93	90	87	102	90
	0	8005	96	102	100	98	100	96	93	90	104	92
4350	2378	2533	97	102	99	98	100	92	87	83	103	91
	2369	3413	97	102	99	98	100	92	87	83	103	91
	1904	5071	96	101	100	98	99	92	89	85	102	91
	884	7117	97	102	101	99	101	95	92	89	104	93
	0	8672	97	104	104	100	102	98	95	92	106	94
4640	2706	2701	98	104	101	99	102	94	89	85	104	93
	2696	3640	98	104	101	99	102	94	89	85	104	93
	2166	5409	97	103	102	100	101	94	90	87	104	92
	1006	7592	98	104	103	100	103	97	94	91	106	94
	0	9251	98	105	106	101	104	100	97	94	107	96
4930	3055	2870	99	105	103	101	103	96	91	86	105	94
	3043	3868	99	105	103	101	103	96	91	86	105	94
	2445	5747	98	105	104	101	102	96	92	88	105	94
	1136	8066	99	106	105	102	104	98	95	93	107	95
	0	9829	99	107	108	103	105	101	98	96	109	97

Values shown are for inlet LwIA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL 315

风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级
			八段倍频程 OCTAVE BANOS									
			1	2	3	4	5	6	7	8		
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWia	dB(A)
1545	380	1281	75	73	76	75	70	66	61	56	76	64
	378	1726	75	73	76	75	70	66	61	56	76	64
	304	2564	75	74	76	75	71	68	63	58	77	65
	141	3599	77	74	77	77	74	72	68	64	79	68
	0	4386	81	75	78	80	77	75	71	67	82	71
1730	476	1434	79	77	79	79	73	69	65	60	80	68
	474	1933	79	77	79	79	73	69	65	60	80	68
	381	2871	78	77	78	79	74	71	67	62	80	68
	177	4030	80	78	80	81	77	75	71	67	83	71
	0	4911	83	80	81	83	80	78	74	70	85	74
2030	656	1683	84	82	82	86	78	74	69	64	85	74
	653	2268	83	82	82	86	78	74	69	64	85	74
	525	3369	83	82	82	85	79	75	71	66	85	73
	244	4729	85	83	83	87	81	79	76	72	87	76
	0	5762	87	86	84	88	84	82	79	75	90	78
2165	746	1795	85	84	84	88	80	76	71	66	87	76
	743	2418	85	84	84	88	80	76	71	66	87	76
	597	3593	85	84	84	87	80	77	73	68	87	75
	277	5044	86	86	85	89	83	80	78	74	89	78
	0	6146	88	88	86	90	86	83	81	77	91	80
2280	827	1890	87	86	85	89	82	77	73	68	88	77
	824	2547	87	86	85	89	82	77	73	68	88	77
	662	3764	86	86	85	88	82	78	75	70	88	77
	307	5311	88	87	86	90	84	82	79	75	91	79
	0	6472	89	90	87	91	87	85	82	78	93	81
2410	924	1998	89	87	86	90	83	78	74	69	89	78
	920	2692	89	87	86	90	83	79	74	69	89	78
	739	4000	88	88	87	89	83	80	76	71	89	78
	344	5614	89	89	87	91	86	83	81	77	92	80
	0	6841	90	92	88	92	89	86	84	80	94	82
2545	1030	2110	90	89	87	91	85	80	76	71	91	79
	1026	2843	90	89	87	91	85	80	76	71	91	79
	825	4224	90	89	88	90	85	81	78	73	91	79
	383	5929	91	91	88	92	87	84	82	78	93	82
	0	7224	92	94	89	93	90	87	85	81	95	84
2735	1190	2267	93	92	89	92	87	82	78	73	92	81
	1185	3055	93	92	89	92	87	82	78	73	92	81
	952	4539	92	92	90	91	87	83	80	75	92	81
	442	6371	93	93	90	93	89	86	84	80	95	83
	0	7764	93	97	91	94	92	89	87	83	97	86
2880	1319	2387	94	93	90	93	89	83	79	74	94	82
	1314	3217	94	93	90	93	89	83	79	74	94	82
	1056	4780	93	93	91	92	89	84	81	76	94	82
	491	6709	94	95	91	94	91	87	85	81	96	84
	0	8175	94	99	92	95	94	90	88	84	98	87
3040	1470	2520	95	95	92	94	91	85	81	76	95	84
	1464	3396	95	95	92	94	91	85	81	76	95	84
	1177	5045	94	95	93	93	90	86	83	78	95	84
	547	7062	95	97	93	95	92	89	87	83	97	86
	0	8629	95	101	94	96	95	92	90	86	100	88
3220	1649	2669	96	97	94	95	93	87	82	78	97	85
	1643	3597	96	97	94	95	93	87	83	78	97	85
	1320	5344	95	97	95	95	93	88	84	80	97	85
	613	7501	96	98	95	96	95	90	88	84	99	88
	0	9140	96	102	96	97	97	93	91	87	101	90
3420	1861	2835	97	99	96	97	95	89	84	79	99	87
	1853	3820	97	99	96	97	95	89	84	79	99	87
	1489	5676	96	98	96	96	95	89	86	81	99	87
	692	7967	97	100	97	98	97	92	90	86	101	89
	0	9708	97	103	99	99	99	95	93	89	103	92
3625	2090	3005	98	100	98	98	97	90	86	81	101	89
	2082	4049	98	100	98	98	97	90	86	81	101	89
	1673	6016	97	100	98	98	97	91	87	83	101	89
	777	8445	98	102	99	99	99	94	91	88	103	91
	0	10290	98	104	101	101	101	97	94	91	105	93
3825	2327	3171	99	102	99	99	99	92	87	83	102	91
	2318	4273	99	102	99	99	99	92	87	83	102	91
	1863	6348	98	102	100	99	99	92	89	85	102	91
	865	8911	99	103	101	100	101	95	92	89	104	93
	0	10858	99	106	103	101	102	98	95	92	106	95
4060	2622	3366	100	104	101	101	102	94	89	84	104	93
	2612	4535	100	104	101	101	102	94	89	84	104	93
	2099	6738	99	103	102	100	101	94	90	86	104	93
	975	9458	100	105	103	101	103	97	94	91	106	95
	0	11525	100	107	105	102	104	100	97	94	108	96
4422	3110	3666	102	106	104	102	104	96	91	87	107	95
	3099	4940	102	106	104	102	104	96	91	87	107	95
	2490	7339	101	106	104	102	103	97	93	89	107	95
	1156	10301	102	107	106	103	105	99	96	93	108	97
	0	12552	102	109	108	104	106	102	99	96	110	99

噪声参数 Sound Data

噪声参数 Sound Data

YFBCDL 355

风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级
			八段倍频程 OCTAVE BANOS									
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWia	dB(A)
1320	352	1566	75	73	78	74	69	65	60	55	75	64
	351	2111	75	73	78	74	69	65	60	55	75	64
	282	3136	75	74	77	74	70	67	62	57	76	65
	131	4402	76	74	79	76	74	72	68	64	79	68
	0	5363	80	75	80	79	77	75	71	67	82	70
1465	434	1738	78	76	79	77	72	68	63	58	78	67
	432	2342	78	76	79	77	72	68	63	58	78	67
	347	3480	78	77	79	77	73	70	65	60	79	67
	161	4885	80	77	80	79	76	74	70	66	82	70
	0	5952	84	78	81	82	79	77	73	69	85	73
1670	563	1982	82	80	82	82	76	72	67	62	82	71
	561	2670	82	80	82	82	76	72	67	62	82	71
	451	3967	82	81	82	82	77	74	69	64	83	71
	209	5569	84	81	83	84	80	78	74	70	86	74
	0	6785	87	83	84	86	83	81	77	73	88	77
1825	673	2165	85	83	84	85	79	74	70	65	85	74
	670	2918	85	83	84	85	79	74	70	65	85	74
	539	4336	84	84	84	85	79	76	72	67	86	74
	250	6085	86	84	85	87	82	80	77	72	88	77
	0	7415	89	86	86	89	85	83	80	75	91	79
1935	756	2296	87	85	86	88	80	76	71	66	87	76
	754	3094	87	85	86	88	80	76	72	67	87	76
	605	4597	86	85	85	87	81	78	74	69	87	76
	281	6452	88	86	87	89	84	81	78	74	90	78
	0	7862	90	88	88	90	87	84	81	77	92	81
2045	845	2427	88	87	87	90	82	78	73	68	89	78
	842	3270	88	87	87	90	82	78	73	68	89	78
	676	4858	88	87	87	89	83	79	75	70	89	78
	314	6819	89	88	88	91	85	83	80	76	92	80
	0	8309	91	91	89	92	88	86	83	79	94	82
2165	947	2569	90	88	88	92	84	79	75	70	91	80
	943	3462	90	88	88	92	84	79	75	70	91	80
	758	5143	90	89	88	91	84	81	77	72	91	79
	352	7219	91	90	89	93	87	84	81	77	93	82
	0	8797	93	93	90	94	90	87	84	80	95	84
2310	1078	2741	92	91	90	93	86	81	77	72	92	81
	1074	3694	92	91	90	93	86	81	77	72	92	81
	863	5488	91	91	90	92	86	82	79	74	92	81
	401	7703	93	92	91	94	88	86	83	79	95	83
	0	9386	94	95	92	95	91	89	86	82	97	85
2445	1208	2901	94	92	91	94	87	83	78	73	94	82
	1203	3909	94	92	91	94	87	83	78	73	94	82
	967	5808	93	93	91	93	88	84	80	75	94	82
	449	8153	94	94	92	95	90	87	85	81	96	84
	0	9934	95	97	93	96	93	90	88	84	98	87
2590	1355	3073	96	94	92	95	89	84	80	75	95	84
	1350	4141	96	94	92	95	89	84	80	75	95	84
	1085	6153	95	94	93	94	89	85	82	77	95	83
	504	8636	96	96	93	96	91	89	86	82	97	86
	0	10524	97	100	94	97	94	92	89	85	100	88
2735	1511	3245	97	96	93	96	91	86	82	77	96	85
	1506	4373	97	96	93	96	91	86	82	77	96	85
	1210	6497	96	96	94	95	91	87	84	79	96	85
	562	9120	97	98	94	97	93	90	88	84	99	87
	0	11113	98	102	95	98	96	93	91	87	101	89
2900	1699	3441	99	98	95	97	92	87	83	78	98	86
	1693	4637	99	98	95	97	92	87	83	78	98	86
	1360	6889	98	98	96	96	92	88	85	80	98	86
	632	9670	99	100	96	98	94	91	89	85	100	88
	0	11783	99	104	97	99	97	94	92	88	102	91
3075	1910	3649	100	100	96	98	95	89	85	80	99	88
	1903	4917	100	100	96	98	95	89	85	80	99	88
	1529	7305	99	100	97	97	95	90	87	82	99	88
	710	10254	100	102	98	99	97	93	91	87	102	90
	0	12494	100	105	99	100	99	96	94	90	104	92
3250	2134	3856	101	101	98	99	97	91	86	82	101	90
	2126	5197	101	101	98	99	97	91	86	82	101	90
	1708	7721	100	101	99	99	97	92	88	84	101	90
	793	10837	101	103	99	100	99	94	92	88	103	92
	0	13205	101	106	101	101	101	97	95	91	105	94
3455	2412	4100	102	103	100	101	99	93	88	83	103	91
	2403	5524	102	103	100	101	99	93	88	83	103	91
	1930	8208	101	103	101	100	99	93	90	85	103	91
	897	11521	102	105	101	102	101	96	94	90	105	93
	0	14038	102	108	103	103	103	99	97	93	107	96
3660	2706	4343	103	105	102	102	102	94	90	85	105	93
	2696	5852	103	105	102	102	102	94	90	85	105	93
	2166	8695	102	105	103	102	101	95	91	87	105	93
	1006	12204	103	106	103	103	103	98	95	92	107	95
	0	14871	103	109	105	104	105	101	98	95	109	97

YFBCDL 400

风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级	
			八段倍频程 OCTAVE BANOS										
			1	2	3	4	5	6	7	8			
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWIA	dB(A)	
1060	287	2082	70	71	78	71	66	62	56	49	74	62	
	233	4520	68	70	74	69	67	64	58	51	72	61	
	128	6039	69	69	73	72	71	68	64	60	75	64	
	0	7526	73	71	77	75	74	73	70	67	80	68	
	317	2190	71	73	79	73	68	64	57	50	75	63	
1115	258	4755	70	72	75	71	68	65	59	52	74	62	
	141	6352	71	71	74	73	72	69	66	62	77	65	
	0	7917	75	72	78	76	76	74	71	68	81	69	
	356	2318	73	74	80	75	69	65	59	52	76	65	
	289	5032	71	73	76	73	69	67	61	54	75	64	
1180	158	6723	72	73	75	75	73	71	67	63	78	67	
	0	8378	76	74	79	78	77	76	73	70	82	71	
	405	2475	75	76	81	78	71	67	61	54	78	67	
	330	5373	73	75	78	75	71	69	63	56	77	65	
	180	7179	74	74	77	77	75	73	69	65	80	68	
1260	0	8946	78	77	80	80	78	77	75	72	84	72	
	448	2603	76	77	82	80	73	68	63	56	80	68	
	365	5651	74	76	79	77	72	70	65	58	78	67	
	199	7549	76	76	78	78	76	74	70	66	81	70	
	0	9408	80	78	81	81	79	78	76	73	85	74	
1475	556	2897	79	80	83	84	76	71	66	59	83	72	
	452	6290	77	79	81	80	75	73	68	61	81	70	
	247	8403	79	79	80	81	78	77	73	69	84	72	
	0	10473	83	82	82	85	82	81	79	76	88	76	
	633	3094	80	82	85	86	78	73	68	61	85	74	
1575	515	6717	79	81	82	83	77	74	70	63	83	72	
	282	8973	81	81	81	83	80	78	75	71	86	74	
	0	11183	85	84	84	87	83	83	80	77	90	78	
	712	3280	82	84	86	88	79	75	70	63	87	76	
	579	7122	81	82	84	85	78	76	72	65	85	74	
1670	317	9514	83	83	83	85	81	80	77	73	87	76	
	0	11858	87	86	84	88	85	84	82	79	91	80	
	874	3634	85	87	87	92	83	78	73	66	91	79	
	711	7890	84	85	86	88	81	79	75	68	88	77	
	389	10540	86	86	85	88	84	83	80	76	90	78	
1850	0	13136	90	89	86	91	87	87	85	82	94	82	
	991	3870	86	88	88	94	84	79	75	68	93	81	
	806	8401	85	86	87	90	82	80	77	70	90	78	
	441	11224	87	87	86	89	85	84	81	77	91	80	
	0	13988	91	91	87	93	88	88	86	83	95	84	
2080	1105	4086	87	90	90	95	86	81	77	70	94	82	
	899	8870	86	88	89	91	84	82	79	72	91	80	
	492	11850	88	89	88	90	87	86	83	79	93	81	
	0	14769	92	93	89	94	90	89	88	85	97	85	
	1242	4331	88	91	91	96	89	83	78	72	95	84	
2205	1010	9403	87	89	90	92	86	83	80	74	93	81	
	552	12562	89	91	90	91	89	87	84	80	94	83	
	0	15656	93	95	91	95	92	91	89	86	98	86	
	1392	4587	89	93	93	97	91	84	80	74	97	85	
	1133	9958	88	91	92	94	88	85	82	76	94	83	
2335	619	13303	90	92	91	93	90	88	86	82	96	84	
	0	16579	94	96	93	96	93	92	91	88	99	88	
	1527	4803	90	94	94	98	93	86	81	75	98	86	
	1242	10427	89	92	93	95	90	86	83	77	95	84	
	679	13930	91	94	93	94	92	89	87	83	97	85	
2445	0	17360	95	98	95	97	95	93	92	89	100	89	
	1733	5117	91	96	96	99	95	88	83	77	99	88	
	1410	11109	90	94	95	96	92	87	85	79	97	86	
	771	14841	92	96	94	95	93	91	89	85	98	87	
	0	18496	96	99	97	98	97	94	93	91	102	90	
2780	1974	5461	92	97	98	100	97	90	85	79	101	90	
	1606	11856	91	96	96	97	94	89	86	81	99	87	
	878	15838	93	97	96	96	95	92	90	87	100	89	
	0	19739	97	101	99	99	99	96	95	92	104	92	
	2192	5755	93	99	99	101	99	91	86	81	103	91	
2930	1784	12495	92	97	98	98	96	90	88	83	100	89	
	975	16693	94	99	98	97	97	94	92	88	101	90	
	0	20804	98	103	101	100	100	97	96	94	105	93	
	2454	6089	94	100	101	102	101	93	88	83	104	93	
	1097	13220	93	99	99	99	100	98	92	89	85	102	90
3100	1992	17661	95	101	99	99	98	95	93	90	103	91	
	0	22021	99	105	102	101	102	98	98	95	106	95	
	2239	6433	95	102	102	103	103	94	89	85	106	94	
	2728	13967	94	100	101	101	100	93	91	87	103	92	
	1219	18658	96	102	101	100	100	96	95	91	104	93	
3275	0	23254	100	106	104	104	102	104	100	99	97	108	96
	3155	6905	96	104	104	104	106	96	91	87	108	97	
	2567	14990	95	102	102	102	102	95	92	89	105	94	
	1404	20026	97	104	103	101	102	98	96	93	106	95	
	0	24958	101	108	107	103	106	101	101	98	110	98	

噪声参数 Sound Data

噪声参数 Sound Data

YFBCDL 560

风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级
			八段倍频程 OCTAVE BANOS									
			1	2	3	4	5	6	7	8		
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWIA	dB(A)
770	307	2994	70	71	72	70	67	64	57	50	72	60
	251	8698	70	71	73	74	71	68	59	50	76	64
	120	12295	71	72	76	79	76	73	70	67	81	70
	0	14977	73	75	79	82	80	78	77	76	85	74
840	365	3266	72	73	75	72	69	66	59	53	74	63
	299	9488	72	73	75	76	73	71	62	53	78	67
	143	13412	73	74	78	81	78	76	73	70	83	72
	0	16338	75	77	81	84	82	80	79	78	88	76
900	419	3499	74	75	76	74	71	68	62	55	76	65
	343	10166	74	75	76	78	75	72	64	55	80	68
	165	14370	75	76	79	83	80	77	74	71	85	74
	0	17506	77	79	82	86	84	81	80	79	89	78
970	487	3771	77	77	77	76	73	70	64	57	78	67
	398	10957	76	77	78	79	77	74	67	58	82	70
	191	15488	78	78	81	84	82	79	76	73	87	75
	0	18867	80	81	84	87	86	83	82	81	91	79
1020	538	3966	78	78	78	77	74	71	66	59	79	68
	441	11521	78	79	78	81	79	76	68	59	83	71
	211	16286	80	80	81	85	84	81	78	75	88	77
	0	19840	81	82	84	88	87	85	83	82	92	81
1080	603	4199	80	80	79	79	76	73	67	61	81	69
	494	12199	80	80	79	82	80	77	70	61	84	73
	237	17244	82	81	82	86	85	82	79	76	90	78
	0	21007	83	84	85	89	89	86	85	84	94	82
1150	684	4471	83	82	81	81	77	75	69	63	83	71
	560	12990	82	82	81	83	82	79	72	63	86	74
	269	18362	84	83	84	87	87	84	81	78	91	80
	0	22368	85	85	87	90	90	88	86	85	95	84
1220	770	4743	85	83	83	83	79	76	71	64	84	73
	630	13781	84	83	83	85	83	80	75	66	87	76
	302	19480	87	84	85	89	88	85	82	79	93	81
	1	23730	87	87	88	92	92	89	87	86	96	85
1290	861	5016	87	85	84	84	80	78	73	66	86	74
	705	14571	85	85	84	86	85	82	76	67	89	77
	338	20598	89	86	87	90	90	87	84	81	94	82
	1	25091	89	88	90	93	93	91	89	88	98	86
1360	957	5288	88	86	86	86	82	79	75	68	87	76
	783	15362	87	86	86	87	86	83	78	69	90	79
	376	21715	91	87	88	91	91	88	85	82	95	84
	1	26453	91	89	91	94	94	92	90	89	99	88
1440	1073	5599	90	88	87	87	83	80	77	70	89	77
	878	16266	89	88	87	88	88	85	80	71	92	80
	421	22993	93	89	89	92	93	90	87	84	97	85
	1	28009	93	91	92	95	96	94	91	90	100	89
1540	1227	5988	93	89	89	89	85	82	79	72	91	79
	1004	17395	91	89	89	90	89	86	83	74	94	82
	482	24589	95	90	91	93	94	91	88	85	98	87
	1	29954	95	93	94	96	98	95	93	92	102	91
1635	1383	6357	95	91	91	91	87	84	81	74	92	81
	1132	18468	93	91	91	91	91	88	85	76	95	84
	543	26106	98	92	92	94	96	93	90	87	100	88
	1	31802	97	94	95	97	99	97	94	93	103	92
1725	1539	6707	96	93	92	92	88	85	82	75	94	82
	1260	19485	94	93	92	92	92	89	86	78	97	85
	604	27543	99	94	93	95	97	94	91	88	101	90
	1	33552	98	96	96	98	100	98	95	94	105	93
1825	1723	7096	97	94	94	93	90	87	84	77	95	84
	1411	20614	95	94	94	93	94	91	88	80	98	86
	676	29140	100	96	95	96	98	96	93	90	102	91
	1	35497	99	97	98	99	101	100	97	96	106	95
1920	1907	7465	98	96	95	94	91	88	85	79	96	85
	1561	21687	96	96	95	94	95	92	89	81	99	88
	749	30657	101	98	96	97	99	97	94	91	104	92
	1	37345	100	99	99	100	102	101	98	97	107	96
2030	2132	7893	99	98	97	95	93	89	86	81	98	86
	1745	22930	97	98	97	95	96	94	91	83	100	89
	837	32413	102	100	98	98	101	99	96	93	105	93
	1	39485	101	101	100	101	104	102	100	98	108	97
2150	2391	8359	100	100	98	96	94	91	88	82	99	88
	1958	24285	98	99	98	96	97	95	92	85	102	90
	939	34329	103	102	99	99	102	100	97	94	106	95
	2	41819	102	103	102	102	105	104	101	99	110	98
2295	2725	8923	101	102	100	98	96	93	90	84	101	90
	2231	25923	99	102	100	98	99	97	94	87	103	92
	1070	36644	104	104	101	101	103	102	99	96	108	96
	2	44639	103	105	104	104	106	106	103	101	111	100

YFBCDL 630

风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级
			八段倍频程 OCTAVE BANOS									
			1	2	3	4	5	6	7	8		
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWIA	dB(A)
675	298	3737	66	67	66	60	57	54	50	47	64	52
	244	10856	66	67	68	65	63	59	52	46	68	56
	117	15346	67	69	73	74	72	68	64	59	76	65
715	0	18694	69	72	77	79	77	75	74	73	82	71
	335	3958	68	69	69	61	59	56	52	48	65	54
	274	11499	68	69	70	67	64	60	54	48	69	58
	131	16255	68	70	74	76	73	70	65	61	78	66
	0	19801	71	74	78	80	78	76	75	74	84	72
755	373	4180	69	70	71	63	60	57	53	50	67	55
	306	12143	69	70	72	68	66	62	56	49	71	59
	147	17164	70	72	75	77	74	71	67	62	79	68
	0	20909	72	75	79	82	80	77	76	75	85	74
	419	4429	71	72	73	64	62	59	55	51	69	57
800	343	12866	71	72	73	70	67	64	58	51	72	61
	165	18187	71	73	76	79	76	73	69	64	81	69
	0	22155	74	76	80	83	81	79	78	77	86	75
850	473	4705	72	74	75	66	63	60	57	53	71	59
	387	13670	72	74	75	71	69	66	59	53	74	63
	186	19324	73	74	77	80	78	75	70	66	82	71
925	0	23540	75	78	81	85	83	80	79	78	88	76
	560	5121	75	76	77	69	65	63	59	55	73	61
	459	14877	75	76	77	74	71	68	62	56	76	65
	220	21029	76	77	79	82	80	77	73	68	84	73
	0	25617	78	80	83	86	85	82	81	80	90	78
975	622	5397	77	77	78	71	67	64	60	57	74	63
	510	15681	77	77	78	75	72	69	64	57	78	66
	244	22166	78	78	80	83	81	78	74	70	86	74
1030	0	27002	80	81	84	87	86	84	82	81	91	80
	695	5702	80	79	79	73	68	65	62	58	76	64
	569	16565	79	79	79	77	74	71	65	59	79	68
	273	23416	80	80	81	84	83	80	76	71	87	75
	0	28525	81	82	85	88	88	85	83	82	92	81
1090	778	6034	82	80	80	75	70	67	63	60	71	66
	637	17530	81	80	80	79	75	72	67	61	81	69
	305	24780	82	81	82	85	84	81	77	73	88	77
	1	30187	83	84	86	89	89	86	85	84	94	82
	866	6366	84	82	81	77	71	68	65	61	79	67
1150	709	18495	83	82	81	80	77	74	69	62	82	71
	340	26144	84	82	83	86	86	83	79	74	90	78
	1	31848	85	85	87	90	90	88	86	85	95	84
1210	959	6698	86	83	83	79	73	70	66	63	80	69
	785	19460	85	83	83	82	78	75	70	64	84	72
	376	27509	86	84	84	87	87	84	80	76	91	80
1300	1	33510	87	87	88	91	92	89	87	86	96	85
	1106	7197	89	85	85	82	74	71	68	64	83	71
	936	20908	87	85	85	84	80	77	73	66	86	74
	404	29555	88	86	86	89	89	86	82	78	93	81
	1	36003	89	88	90	93	93	91	89	88	98	86
1375	1238	7612	91	86	86	84	76	73	70	66	84	73
	1013	22114	89	86	86	86	81	78	74	68	87	76
	486	31260	90	87	88	90	90	87	84	79	94	83
1460	1	38080	91	90	91	94	95	93	90	89	99	88
	1396	8082	93	88	88	86	77	75	71	68	86	75
	1143	23481	91	88	88	87	83	80	76	70	89	77
	548	33192	92	89	89	91	92	89	86	81	96	84
	1	40434	93	91	92	95	96	94	92	91	101	89
1565	1604	8664	96	90	90	89	79	76	73	69	89	77
	1313	25170	94	90	90	90	85	82	78	72	91	79
	630	35579	95	91	91	93	94	91	87	83	98	86
	1	43342	95	93	94	96	98	96	93	92	102	91
	1815	9217	98	91	91	91	81	78	75	71	91	79
1665	1486	26778	96	91	91	91	86	83	80	74	93	81
	713	37853	97	92	92	94	95	92	89	85	99	88
	1	46111	97	95	96	98	100	98	95	94	104	92
	2028	9743	100	93	93	93	83	79	76	73	92	81
	1660	28306	97	93	93	93	88	85	82	76	94	82
1840	796	40012	98	94	94	95	97	94	91	86	100	89
	1	48742	99	96	97	99	101	99	96	95	105	94
	2217	10186	101	95	94	93	84	81	78	74	93	82
	1815	29593	98	95	94	93	89	86	83	77	95	84
	870	41831	99	96	95	96	97	95	92	88	101	90
1950	1	50958	99	98	98	99	102	100	97	96	106	95
	2490	10795	102	97	96	94	87	82	79	75	95	83
	2038	31362	99	97	96	94	91	88	84	79	96	85
	977	44332	100	98	96	97	99	96	93	89	103	91
	2	54004	100	100	99	100	103	101	99	97	108	96
2085	2846	11542	103	100	97	96	89	84	81	77	96	85
	2330	33533	100	99	97	96	93	89	86	81	98	87
	1118	47401	101	100	98	98	100	98	95	91	104	93
	2	57743	102	102	101	102	104	103	100	99	109	98

噪声参数 Sound Data

噪声参数 Sound Data

YFBCDL 900

风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级
			八段倍频程 OCTAVE BANOS									
			1	2	3	4	5	6	7	8		
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWIA	dB(A)
480	317	11001	74	76	73	72	68	61	53	45	73	62
	236	25486	75	77	76	76	71	65	57	49	76	65
	123	33803	76	79	79	80	76	70	65	59	81	69
	0	41945	77	83	83	84	82	77	74	71	86	75
505	351	11574	75	77	74	74	69	63	55	47	75	63
	261	26813	76	78	77	77	73	67	59	51	78	66
	136	35564	77	80	80	81	77	72	66	60	82	71
	0	44130	78	84	84	85	83	79	76	73	87	76
535	394	12261	77	79	76	75	71	65	57	49	76	65
	293	28406	77	80	78	79	74	69	61	53	79	68
	152	37676	78	82	81	83	79	74	68	62	84	72
	0	46751	80	85	86	86	85	80	77	74	89	77
565	440	12949	78	80	77	77	73	66	59	51	78	66
	327	29999	79	81	79	80	76	70	62	54	81	69
	170	39789	79	83	83	84	81	75	69	64	85	74
	0	49373	81	86	87	88	86	81	78	75	90	79
595	488	13636	79	81	78	78	74	68	60	52	79	68
	363	31592	80	82	80	82	78	72	64	56	82	71
	189	41902	81	84	84	85	82	77	71	65	87	75
	0	51995	82	87	88	89	88	83	80	77	92	80
640	564	14668	81	83	80	80	76	70	63	55	81	70
	420	33981	82	83	82	83	80	74	67	59	84	73
	218	45071	83	85	85	87	84	79	73	67	88	77
	0	55927	84	88	90	90	89	85	82	79	93	82
680	637	15584	83	84	82	81	78	72	65	57	83	71
	474	36105	84	85	84	84	81	76	69	61	86	74
	246	47888	85	87	87	88	86	81	75	69	90	78
	0	59422	87	90	91	92	91	87	83	80	95	83
730	734	16730	85	86	84	83	80	75	67	59	85	73
	546	38760	86	87	86	86	83	78	71	63	88	76
	284	51409	87	88	89	89	88	83	77	71	92	80
	0	63792	90	91	93	93	92	89	85	82	97	85
770	817	17647	87	87	86	84	82	76	69	61	86	75
	607	40883	88	88	88	87	85	80	73	65	89	77
	316	54226	89	90	90	91	89	85	79	73	93	82
	0	67287	92	92	94	94	94	90	87	84	98	86
815	915	18678	89	89	88	85	83	78	71	63	88	76
	680	43273	90	89	89	88	86	81	75	67	90	79
	354	57395	91	91	92	92	91	86	81	75	94	83
	0	71219	94	93	96	96	95	92	88	85	99	88
880	1067	20168	91	91	90	87	85	80	73	65	90	78
	793	46724	92	91	91	90	88	84	77	69	92	81
	412	61972	94	93	94	93	93	89	83	77	96	85
	0	76900	97	95	97	97	97	94	90	87	101	90
940	1218	21543	93	92	92	89	87	82	75	67	91	80
	905	49910	94	93	93	91	90	86	79	71	94	83
	471	66198	96	94	95	95	94	91	85	79	98	87
	0	82143	100	96	99	99	98	96	92	89	103	91
1005	1392	23033	95	94	94	90	89	84	78	70	93	82
	1035	53361	96	95	95	93	92	88	82	74	96	84
	538	70775	98	96	97	96	96	92	87	81	100	88
	0	87823	102	97	101	100	100	98	93	90	105	93
1050	1519	24064	97	95	95	91	90	86	79	71	94	83
	1129	55750	97	96	96	94	93	89	83	75	97	86
	587	73944	100	97	98	97	97	94	88	82	101	89
	0	91755	104	98	102	101	101	99	95	92	106	94
1120	1729	25669	99	97	97	93	92	88	81	73	96	85
	1285	59467	99	97	97	95	95	91	85	77	99	87
	668	78874	102	98	100	98	99	96	90	84	103	91
	0	97872	106	99	103	103	102	101	96	93	107	96
1180	1919	27044	100	98	98	95	95	91	85	77	99	87
	1426	62652	101	99	99	97	97	93	88	80	101	90
	742	83099	104	99	101	100	101	98	92	87	104	93
	0	103115	108	100	104	104	104	103	98	95	109	97
1230	2085	28190	101	99	99	95	94	90	84	76	99	87
	1550	65307	102	100	99	97	97	94	88	80	101	90
	806	86620	104	101	101	100	101	98	93	87	105	93
	0	107485	109	102	105	105	105	104	99	96	109	98
1320	2401	30252	102	101	100	97	96	92	86	79	100	89
	1785	70086	103	102	101	99	99	96	90	83	103	92
	928	92958	105	103	103	102	103	100	95	89	107	95
	0	115349	110	105	106	106	106	105	101	98	111	100
1400	2701	32086	103	103	102	99	97	94	88	81	102	91
	2008	74333	104	104	103	101	100	97	92	85	105	93
	1044	98592	106	105	104	104	104	102	97	91	108	97
	0	122340	111	107	107	108	107	107	103	99	113	101

YFBCDL 1000

风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级
			八段倍频程 OCTAVE BANOS									
			1	2	3	4	5	6	7	8		
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWia	dB(A)
430	315	13518	75	76	74	73	67	60	52	44	73	62
	234	31318	76	77	77	76	71	64	56	48	76	65
	122	41539	77	80	80	80	76	70	64	58	81	69
	0	51544	79	83	84	84	81	77	74	71	86	75
450	344	14147	76	77	75	74	69	62	54	46	74	63
	256	32775	77	78	78	77	72	66	58	50	78	66
	133	43471	78	81	81	81	77	72	66	60	82	71
	0	53942	80	85	85	85	83	79	76	73	87	76
480	392	15090	78	79	76	76	71	64	56	48	76	65
	291	34960	78	80	79	79	74	68	60	52	79	68
	152	46369	79	82	82	83	79	73	68	62	84	72
	0	57538	81	86	87	87	85	80	77	74	89	78
510	442	16033	79	81	78	77	73	66	58	50	78	66
	329	37145	80	82	80	80	76	70	62	54	81	70
	171	49267	81	84	84	84	81	75	69	63	85	74
	0	61134	82	88	88	88	86	82	79	76	91	79
545	505	17134	81	83	79	79	75	68	60	52	80	68
	376	39694	82	83	82	82	78	72	64	56	83	71
	195	52648	82	86	85	86	83	77	71	65	87	76
	0	65330	84	89	89	90	88	84	81	78	92	81
580	572	18234	82	84	81	81	77	70	62	54	82	70
	425	42243	83	85	83	84	80	74	66	58	85	73
	221	56029	84	87	86	88	85	79	73	67	89	77
	0	69525	85	90	91	91	90	85	82	79	94	83
620	654	19492	84	85	83	82	79	72	65	57	83	72
	486	45156	85	86	85	86	82	76	69	61	86	75
	253	59893	86	88	88	89	86	81	75	69	91	79
	0	74320	87	91	92	93	92	87	84	81	96	84
660	741	20749	86	87	84	84	80	74	67	59	85	74
	551	48070	87	88	87	87	83	78	71	63	88	77
	286	63757	88	90	90	91	88	83	77	71	92	81
	0	79115	89	93	94	94	93	89	86	83	97	86
695	822	21849	88	88	86	85	82	76	68	60	86	75
	611	50619	88	89	88	88	85	80	72	64	89	78
	318	67139	90	91	91	92	89	85	79	73	94	82
	0	83310	91	94	95	95	94	90	87	84	99	87
735	919	23107	89	90	88	86	83	78	70	62	88	76
	683	53532	90	90	90	89	86	81	74	66	91	79
	355	71003	91	92	92	93	91	86	80	75	95	83
	0	88105	94	95	96	96	96	92	88	85	100	88
775	1022	24364	91	91	89	87	85	79	72	64	89	78
	760	56446	92	92	91	90	88	83	76	68	92	81
	395	74867	93	93	94	94	92	88	82	76	96	85
	0	92900	96	96	98	98	97	94	90	87	101	90
835	1186	26251	93	93	92	89	87	85	75	67	91	80
	882	60816	94	94	93	92	90	82	78	70	94	83
	458	80663	96	95	96	95	94	90	84	78	98	87
	0	100092	99	97	99	99	99	96	92	89	103	92
885	1332	27823	95	94	93	90	88	83	76	68	93	81
	991	64457	96	95	95	93	92	87	80	72	96	84
	515	85493	98	96	97	97	96	92	86	80	100	88
	0	106086	101	98	101	101	100	97	93	90	104	93
935	1487	29395	97	96	95	92	90	85	78	70	94	83
	1106	68099	98	96	96	94	93	89	82	74	97	86
	575	90323	99	97	99	98	97	93	88	82	101	90
	0	112079	103	99	102	102	101	99	95	92	106	94
990	1667	31124	98	97	97	93	92	87	80	72	96	84
	1240	72105	99	98	98	95	95	90	84	76	99	87
	645	95636	101	99	100	99	99	95	89	84	103	91
	0	118672	105	100	104	103	103	101	96	93	107	96
1050	1876	33010	100	98	99	94	93	89	82	74	98	86
	1394	76475	101	99	99	97	96	92	86	78	100	89
	725	101432	103	100	102	100	102	100	97	91	85	104
	0	125864	108	101	105	104	104	102	98	95	109	97
1110	2096	34896	102	100	100	95	95	90	84	76	99	88
	1558	80845	103	101	101	98	98	94	88	80	102	90
	810	107228	105	101	103	101	102	99	93	87	106	94
	0	133057	110	103	106	106	105	104	99	96	110	99
1170	2329	36782	104	101	101	97	96	92	86	78	100	89
	1731	85215	104	102	101	99	99	95	90	82	103	92
	900	113025	107	102	104	102	103	100	95	89	107	95
	0	140249	112	104	107	107	107	106	101	98	111	100
1250	2658	39298	105	103	102	99	98	94	88	80	102	91
	1976	91041	106	104	103	101	101	97	92	84	105	93
	1027	102753	108	105	105	104	105	102	97	91	109	97
	0	149839	113	106	108	108	107	102	99	93	113	102

噪声参数 Sound Data

噪声参数 Sound Data

YFBCDL 1400

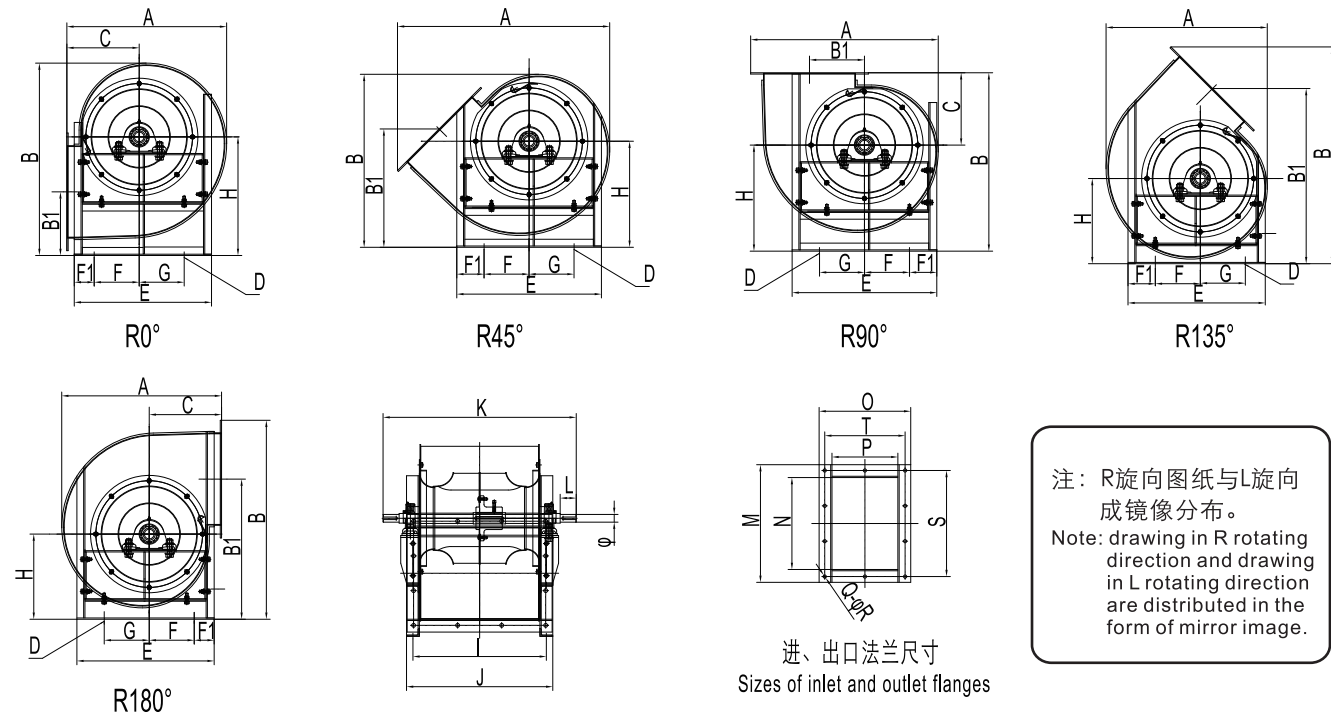
风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级
			八段倍频程 OCTAVE BANOS									
			1	2	3	4	5	6	7	8		
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWIA	dB(A)
360	397	43583	90	87	84	81	77	70	63	55	82	71
	326	70764	89	86	84	82	79	73	65	57	84	72
	170	96805	93	90	87	86	83	79	71	60	88	76
	0	117435	95	92	90	90	87	85	79	68	92	81
385	454	46610	93	89	85	83	79	72	65	57	84	73
	373	75678	91	88	85	84	80	75	67	59	85	74
	195	103528	95	92	88	87	85	81	74	63	89	78
	0	125590	97	94	91	92	89	86	82	71	94	83
410	515	49636	95	91	87	85	81	74	67	59	86	75
	423	80592	93	90	86	86	82	77	69	61	87	76
	221	110250	97	94	89	89	86	82	76	65	91	80
	0	133745	99	96	93	93	91	87	84	73	96	84
435	580	52663	97	93	88	86	82	76	69	61	88	76
	477	85506	95	92	88	87	84	79	71	63	89	77
	248	116973	98	96	91	90	88	84	78	67	93	81
	0	141900	101	98	94	95	93	89	87	76	97	86
460	648	55689	98	95	90	88	84	78	71	63	89	78
	533	90420	96	94	89	89	85	81	73	65	90	79
	278	123695	100	98	92	92	89	85	81	70	94	83
	0	150056	102	100	95	96	94	90	89	78	99	87
490	735	59321	100	97	92	89	86	80	73	65	91	80
	605	96317	98	96	91	90	87	83	75	67	92	81
	315	131763	102	100	94	93	91	87	83	72	96	84
	0	159842	104	102	97	97	96	91	91	80	100	89
515	812	62348	102	98	93	91	88	82	75	67	93	81
	668	101231	99	97	92	91	88	84	77	69	93	82
	348	138485	103	101	95	94	92	89	85	74	97	86
	0	167997	105	103	98	98	97	93	92	82	102	90
545	910	65980	103	99	95	92	89	83	76	69	94	83
	748	107128	100	98	94	93	90	86	78	70	95	83
	390	146552	104	102	97	96	94	90	86	76	99	87
	0	177783	106	104	100	100	99	94	94	84	103	92
575	1013	69612	103	101	96	93	90	85	78	70	96	84
	833	113025	101	100	95	94	91	87	80	72	96	85
	434	154619	105	104	98	97	95	92	88	78	100	88
	0	187569	107	106	101	101	100	96	95	86	104	93
610	1140	73849	104	103	98	95	92	87	80	72	97	86
	937	119905	102	102	97	95	93	89	82	74	98	86
	488	164031	106	105	100	98	97	93	89	80	102	90
	0	198987	108	108	103	102	101	98	96	88	106	94
645	1274	78086	105	105	100	96	93	88	82	74	99	87
	1048	126785	103	103	99	97	94	91	84	76	99	88
	546	173443	107	107	102	100	98	95	91	82	103	92
	0	210404	109	109	105	103	103	99	97	90	107	96
685	1437	82929	106	107	102	98	95	90	84	76	101	89
	1182	134647	104	105	101	98	96	92	86	78	101	89
	616	184199	108	109	104	101	100	96	92	85	105	93
	0	223452	110	111	107	104	104	101	99	93	109	97
730	1632	88377	108	109	104	99	97	92	86	78	102	91
	1342	143493	106	107	103	99	98	94	88	80	103	91
	699	196299	109	111	106	102	101	98	94	87	106	95
	0	238132	112	113	109	106	106	103	100	95	110	99
775	1839	93825	109	111	106	101	98	94	88	80	104	92
	1513	152338	107	109	104	101	99	96	90	82	104	93
	788	208400	110	113	108	104	103	100	96	89	108	96
	0	252811	113	115	111	107	107	105	101	97	112	100
830	2110	100483	110	113	108	103	100	96	90	83	106	94
	1735	163149	108	111	107	102	101	98	93	85	106	95
	904	223190	111	115	110	105	104	102	98	92	110	98
	0	270752	114	117	113	109	109	106	103	100	114	102
880	2372	106536	111	115	109	104	101	98	92	84	108	96
	1951	172978	109	113	108	104	102	99	94	86	108	96
	1016	236635	112	116	112	107	106	103	99	94	111	100
	0	287063	115	119	114	110	110	108	104	102	115	104

Values shown are for inlet LwIA sound power levels for Installation type B: free inlet, ducted outlet. The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. dB(A) A-weighted sound pressure level is based on 11.5dB sound attenuation per octave band at 1.5m.Note that dB(A) levels are not licensed by AMCA International.

YFBCDL 1600

风机转速	静压	风量	声功率 SOUND POWER								声功率级	声压级
			八段倍频程 OCTAVE BANOS									
RPM	Pa	Volume	1	2	3	4	5	6	7	8	LWia	dB(A)
320	404	51105	91	88	85	83	78	71	64	56	84	72
	361	77535	91	88	85	83	79	73	65	57	85	73
	250	104548	93	89	87	86	82	77	69	59	87	76
	0	142313	96	93	92	92	88	86	79	68	94	82
345	470	55098	94	90	87	85	80	74	66	58	86	74
	420	83593	93	90	87	85	81	75	67	59	87	75
	290	112716	95	92	89	88	84	79	71	62	89	78
	0	153431	99	96	94	94	90	88	82	71	96	84
365	526	58292	96	92	88	86	82	76	68	60	88	76
	470	88439	95	92	88	87	83	77	69	61	88	77
	325	119250	97	93	90	89	86	81	73	64	91	79
	0	162325	100	97	95	95	92	89	84	73	97	86
390	601	62285	98	94	90	88	84	78	70	62	89	78
	537	94496	97	94	90	88	85	79	71	63	90	78
	371	127418	99	95	92	91	88	83	76	66	92	81
	0	173443	102	99	96	96	94	91	87	76	99	87
415	680	66277	100	96	92	90	86	80	72	64	91	80
	608	100553	99	96	91	90	87	81	73	65	92	80
	420	135586	100	97	93	92	89	85	78	68	94	83
	0	184562	104	101	98	98	96	92	89	78	100	89
435	747	69471	101	98	93	91	87	81	74	66	92	81
	667	105399	100	97	92	91	88	83	75	67	93	81
	461	142120	102	99	94	93	91	86	80	70	95	84
	0	193456	106	103	99	99	97	93	91	80	102	90
460	836	73464	103	99	94	92	89	83	76	68	94	83
	746	111457	102	99	94	93	89	85	77	69	94	83
	516	150288	104	101	95	95	92	88	82	72	97	85
	0	204574	107	105	100	100	99	94	93	82	103	92
485	929	77457	105	101	96	94	90	85	77	69	96	84
	830	117514	104	100	95	94	91	86	79	71	96	85
	573	158456	105	102	96	96	94	89	84	74	98	87
	0	215693	109	106	101	102	100	95	95	84	105	93
515	1047	82248	106	102	97	95	92	86	79	71	97	86
	936	124783	105	102	97	96	93	88	81	73	98	86
	647	168257	107	104	98	98	95	91	86	76	100	88
	0	229034	111	108	102	103	102	97	97	86	106	95
545	1173	87039	107	104	99	97	94	88	81	73	99	87
	1048	132052	106	103	98	97	94	90	82	74	99	88
	724	178059	108	105	100	99	97	93	87	78	101	90
	0	242376	111	109	104	104	103	99	98	88	108	96
575	1306	91830	108	105	101	98	95	90	83	75	100	89
	1166	139321	107	105	100	98	96	91	84	76	100	89
	806	187860	109	107	102	100	98	94	89	80	103	91
	0	255718	112	110	106	105	104	100	99	90	109	97
615	1494	98218	109	108	103	100	97	92	85	77	102	91
	1334	149013	108	107	102	100	97	93	86	78	102	91
	922	200929	110	109	104	102	100	96	91	82	105	93
	0	273507	114	112	108	107	106	102	101	93	111	99
645	1643	103009	110	109	104	101	98	93	87	79	103	92
	1468	156282	109	108	104	101	99	95	88	80	104	92
	1014	210730	110	110	105	103	101	97	92	84	106	94
	0	286849	114	114	109	108	107	104	102	95	112	100
695	1908	110995	111	111	106	103	100	96	89	81	105	94
	1704	168397	110	111	106	103	100	97	90	83	106	94
	1178	227066	112	112	108	104	103	99	95	87	108	96
	0	309085	116	116	112	109	109	106	103	98	114	102
730	2105	116584	112	113	108	104	101	97	91	83	107	95
	1880	176877	111	112	107	104	102	98	92	84	107	95
	1299	238501	113	114	109	105	104	101	96	88	109	98
	0	324651	117	118	113	110	110	107	104	99	115	103
780	2403	124570	113	115	110	105	103	99	93	85	109	97
	2146	188992	112	114	109	105	103	100	94	86	109	97
	1483	254836	114	116	111	107	106	103	98	91	111	99
	0	346887	118	120	115	112	111	109	106	102	116	105
825	2688	131756	114	117	112	107	104	101	94	87	110	99
	2401	198985	113	116	111	107	105	102	96	88	110	99
	1659	269538	115	118	113	108	107	104	100	93	112	101
	0	366900	119	121	117	113	113	111	107	104	118	106

YFBCDL-280~2000 (A6)外形及安装尺寸示意图
Outline and Installation Dimensions of YFBCDL-280~2000 (A6)



L0°/R0°尺寸表 L0°/R0°Dimension table 单位：mm Unit: mm

序号 型号	A	B	B1	C	D	E	F	F1	G	H	I	J	K	L	φ	M	N	O	P	Q	R	S	T
YFBCDL280	497	598.5	198	225	4-10*16	427	140	62	140	369	415	455	601	50	24	451	367	366	282	14	10	411	324
YFBCDL315	554	667	214	249	4-10*16	465	150	65	150	410	460	497	657	50	28	497	413	401	317	14	10	460	366
YFBCDL355	614	737	235	273	4-10*16	515	175	65	210	405	517	553	731	50	28	533	465	441	357	14	10	520	408
YFBCDL400	683.5	826	261	301	4-14*21	591	206	65	255	504	578	614	822	60	38	614	529	488	404	18	12	574	448
YFBCDL450	763	921	287	333	4-14*21	651	205.5	100	245.5	560	650	690	898	60	38	680	595	538	455	18	12	640	496
YFBCDL500	842	1011	309	365	4-14*21	706	235.5	100	270.5	610	719	761	989	70	42	750	661	588	506	18	12	715	552
YFBCDL560	930	1111	339	404	4-16*24	790	280	100	330	670	805	850	840	90	48	850	745	669	565	26	12	805	630
YFBCDL630	1036	1254	385	450	4-16*24	910	313	120	357	760	902	945	1243	90	55	946	838	739	636	28	12	904	696
YFBCDL710	1164	1418	429	500	4-16*24	996	341	132	391	860	1010	1054	1360	90	60	1054	944	820	717	28	14	1012	774
YFBCDL800	1311.5	1582.5	478	571	4-16*24	1045	390.5	132	390.5	960	1145	1202	1536	110	65	1176	1070	912	807	34	14	1140	875
YFBCDL900	1466.5	1784.5	537	630	6-16*24	1247	473.5	150	473.5	1080	1280	1336	1724	110	70	1336	1204	1040	908	36	14	1280	976
YFBCDL1000	1642.5	1990.5	590	710	6-16*24	1350	468.5	150	481.5	1200	1420	1474	1917	110	75	1472	1340	1139	1007	42	14	1416	1080
YFBCDL1120	1851	2240	667	800	6-19*30	1430	540	150	590	1350	1591	1651	2176	140	90	1654	1503	1276	1130	46	14	1586	1210
YFBCDL1250	2083	2506	730	900	6-19*30	1570	610	150	660	1500	1764	1826	2360	140	90	1826	1677	1407	1261	50	18	1764	1342
YFBCDL1400	2383	2775	806	1072	8-19*30	1810	725	155	775	1660	1970	2040	2642	170	90	2032	1879	1572	1412	50	18	1960	1507
YFBCDL1600	2650	3145	944	1120	8-24*40	1950	820	155	820	1900	2378	2488	3036	210	110	2327	2147	1794	1614	40	22	2246	1713
YFBCDL1800	2970	3510	1054	1250	8-24*40	2150	915	160	915	2120	2661	2781	3310	210	120	2596	2416	1996	1816	44	22	2515	1915
YFBCDL2000	3315	3915	1165	1400	8-24*40	2350	1015	160	1015	2360	2950	3070	3600	210	130	2884	2684	2218	2018	48	22	2794	2128

L45°/R45°尺寸表 L45°/R45°Dimension table 单位：mm Unit: mm

序号 型号	A	B	B1	C	D	E	F	F1	G	H	I	J	K	L	φ	M	N	O	P	Q	R	S	T
YFBCDL280	661	539	368	-	4-10*16	450	140	85	140	330	415	455	601	50	24	451	367	366	282	14	10	411	324
YFBCDL315	738	589	393	-	4-10*16	500	165	85	165	355	460	497	657	50	28	497	413	401	317	14	10	460	366
YFBCDL355	816	651	431	-	4-10*16	550	190	85	190	390	517	553	731	50	28	533	465	441	357	14	10	520	408
YFBCDL400	910	722	471	-	4-14*21	591	210.5	85	210.5	430	578	614	822	60	38	614	529	488	404	18	12	574	448
YFBCDL450	1015	808	523	-	4-14*21	691	245.5	100	245.5	480	650	690	898	60	38	680	595	538	455	18	12	640	496
YFBCDL500	1117	890	573	-	4-14*21	741	270.5	100	270.5	527	719	761	989	70	42	750	661	588	506	18	12	715	552
YFBCDL560	1240	974	627	-	4-16*24	840	340	100	340	575	805	850	840	90	48	850	745	669	565	26	12	805	630
YFBCDL630	1385	1209	813	-	4-16*24	910	313	120	357	760	902	945	1243	90	55	946	838	739	636	28	12	904	696
YFBCDL710	1559	1366	429	-	4-16*24	996	341	132	391	860	1010	1054	1360	90	60	1054	944	820	717	28	14	1012	774
YFBCDL800	1750	1525	1023	-	4-16*24	1045	390.5	132	390.5	960	1145	1202	1536	110	65	1176	1070	912	807	34	14	1140	875
YFBCDL900	1971	1719	1142	-	6-16*24	1247	473.5	150	473.5	1080	1280	1336	1724	110	70	1336	1204	1040	908	36	14	1280	976
YFBCDL1000	2200	1920	1271	-	6-16*24	1350	468.5	150	481.5	1200	1420	1474	1917	110	75	1472	1340	1139	1007	42	14	1416	1080
YFBCDL1120	2477	2160	1438	-	6-19*30	1430	540	150	590	1350	1591	1651	2176	140	90	1654	1503	1276	1130	46	14	1586	1210
YFBCDL1250	2775	2418	1592	-	6-19*30	1570	610	150	660	1500	1764	1826	2360	140	90	1826	1677	1407	1261	50	18	1764	1342
YFBCDL1400	3132	2677	1815	-	8-19*30	1810	725	155	775	1660	1970	2040	2642	170	90	2032	1879	1572	1412	50	18	1960	1507
YFBCDL1600	3660	3060	2075	-	8-24*40	1950	820	155	820	1700	2378	2488	3036	210	110	2327	2147	1794	1614	40	22	2246	1713
YFBCDL1800	4106	3442	2334	-	8-24*40	2150	915	160	915	1800	2661	2781	3310	210	120	2596	2416	1996	1816	44	22	2515	1915
YFBCDL2000	4574	3824	2593	-	8-24*40	2350	1015	160	1015	2000	2950	3070	3600	210	130	2884	2684	2218	2018	48	22	2794	2128

L90°/R90°尺寸表 L90°/R90°Dimension table 单位：mm Unit: mm

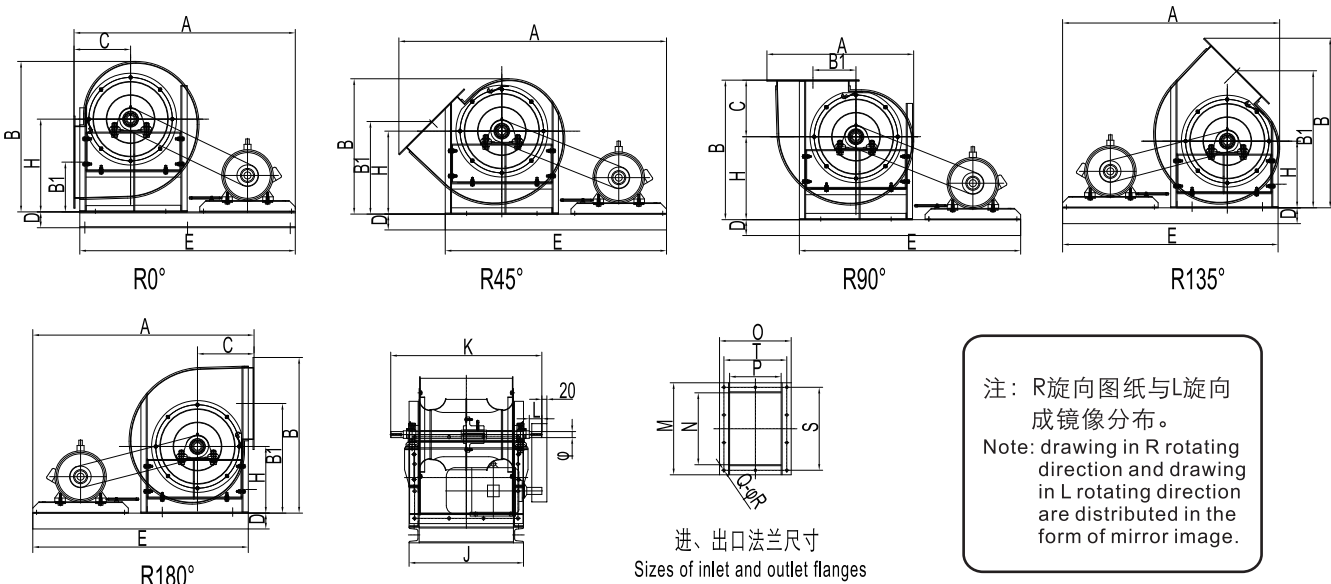
序号 型号	A	B	B1	C	D	E	F	F1	G	H	I	J	K	L	φ	M	N	O	P	Q	R	S	T
YFBCDL280	584	555	171	225	4-10*16	450	140	85	140	330	415	455	601	50	24	451	367	366	282	14	10	411	324
YFBCDL315	654	604	196	249	4-10*16	500	165	85	165	355	460	497	657	50	28	497	413	401	317	14	10	460	366
YFBCDL355	723	663	215	273	4-10*16	550	190	85	190	390	517	553	731	50	28	533	465	441	357	14	10	520	408
YFBCDL400	809	731	243	301	4-14*21	591	210.5	85	210.5	430	578	614	822	60	38	614	529	488	404	18	12	574	448
YFBCDL450	904	813	273	333	4-14*21	691	245.5	100	245.5	480	650	690	898	60	38	680	595	538	455	18	12	640	496
YFBCDL500	998	892	301	365	4-14*21	741	270.5	100	270.5	527	719	761	989	70	42	750	661	588	506	18	12	715	552
YFBCDL560	1108	979	331	404	4-16*24	840	320	100	320	575	805	850	840	90	48	850	745	669	565	26	12	805	630
YFBCDL630	1239	1085	375	450	4-16*24	954	357	120	357	635	902	945	1243	90	55	946	838	739	636	28	12	904	696
YFBCDL710	1400	1220	431	500	4-16*24	1046	391	132	391	720	1010	1054	1360	90	60	1054	944	820	717	28	14	1012	774
YFBCDL800	1561	1361	482	571	4-16*24	1094	400	147	400	790	1145	1202	1536	110	65	1176	1070	912	807	34	14	1140	875
YFBCDL900	1768	1520	543	630	6-16*24	1332	516	150	516	890	1280	1336	1724	110	70	1336	1204	1040	908	36	14	1280	976
YFBCDL1000	1971	1690	610	710	6-16*24	1463	581.5	150	581.5	980	1420	1474	1917	110	75	1472	1340	1139	1007	42	14	1416	1080
YFBCDL1120	2211	1897	700	800	6-19*30	1480	590	150	590	1090	1591	1651	2176	140	90	1654	1503	1276	1130	46	14	1586	1210
YFBCDL1250	2480	2130	770	900	6-19*30	1620	660	150	660	1230	1764	1826	2360	140	90	1826	1677	1407	1261	50	18	1764	1342
YFBCDL1400	2755	2432	854	1072	8-19*30	1860	775	155	775	1360	1970	2040	2642	170	90	2032	1879	1572	1412	50	18	1960	1507
YFBCDL1600	3228	2620	956	1120	8-24*40	1950	820	155	820	1500	2378	2488	3036	210	110	2327	2147	1794	1614	40	22	2246	1713
YFBCDL1800	3622	2900	1066	1250	8-24*40	2150	915	160	915	1650	2661	2781	3310	210	120	2596	2416	1996	1816	44	22	2515	1915
YFBCDL2000	4036	3250	1195	1400	8-24*40	2350	1015	160	1015	1850	2950	3070	3600	210	130	2884	2684	2218	2018	48	22	2794	2128

L135°/R135°尺寸表 L135°/R135°Dimension table 单位：mm Unit: mm

序号 型号	A	B	B1	C</
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YFBCDL-280~2000 (A18)外形及安装尺寸示意图

Outline and Installation Dimensions of YFBCDL-280~2000 (A18)



L0°/R0°尺寸表 L0°/R0°Dimension table

单位：mm Unit: mm

序号 型号	A	B	B1	C	D	E	H	J	K	L	φ	M	N	O	P	Q	R	S	T
YFBCDL280	980	598.5	198	225	63	957	369	455	601	50	24	451	367	366	282	14	10	411	324
YFBCDL315	1139	667	214	249	63	1105	410	497	657	50	28	497	413	401	317	14	10	460	366
YFBCDL355	1188	737	235	273	63	1155	405	553	731	50	28	533	465	441	357	14	10	520	408
YFBCDL400	1261	826	261	301	63	1231	504	614	822	60	38	614	529	488	404	18	12	574	448
YFBCDL450	1318.5	921	287	333	63	1291	560	690	898	60	38	680	595	538	455	18	12	640	496
YFBCDL500	1375.5	1011	309	365	63	1346	610	761	989	70	42	750	661	588	506	18	12	715	552
YFBCDL560	1604	1111	339	404	63	1570	670	850	840	90	48	850	745	669	565	26	12	805	630
YFBCDL630	1717	1254	385	450	80	1700	760	945	1243	90	55	946	838	739	636	28	12	904	696
YFBCDL710	1813	1418	429	500	80	1786	860	1054	1360	90	60	1054	944	820	717	28	14	1012	774
YFBCDL800	2068	1582.5	478	571	80	1995	960	1202	1536	110	65	1176	1070	912	807	34	14	1140	875
YFBCDL900	2459	1784.5	537	630	100	2410	1080	1336	1724	110	70	1336	1204	1040	908	36	14	1280	976
YFBCDL1000	2611.5	1990.5	590	710	100	2520	1200	1474	1917	110	75	1472	1340	1139	1007	42	14	1416	1080
YFBCDL1120	2882	2240	667	800	126	2765	1350	1651	2176	140	90	1654	1503	1276	1130	46	14	1586	1210
YFBCDL1250	3075	2506	730	900	126	2935	1500	1826	2360	140	90	1826	1677	1407	1261	50	18	1764	1342
YFBCDL1400	3282	2775	806	1072	140	3090	1660	2040	2642	170	90	2032	1879	1572	1412	50	18	1960	1507
YFBCDL1600	3490	3145	944	1120	160	3270	1900	2488	3036	210	110	2327	2147	1794	1614	40	22	2246	1713
YFBCDL1800	3770	3510	1054	1250	180	3520	2120	2781	3310	210	120	2596	2416	1996	1816	44	22	2515	1915
YFBCDL2000	4045	3915	1165	1400	200	3770	2360	3070	3600	210	130	2884	2684	2218	2018	48	22	2794	2128

L45°/R45°尺寸表 L45°/R45°Dimension table

单位：mm Unit: mm

序号 型号	A	B	B1	C	D	E	H	J	K	L	φ	M	N	O	P	Q	R	S	T
YFBCDL280	1165	539	368	-	63	980	330	455	601	50	24	451	367	366	282	14	10	411	324
YFBCDL315	1347	589	393	-	63	1140	355	497	657	50	28	497	413	401	317	14	10	460	366
YFBCDL355	1415	651	431	-	63	1190	390	553	731	50	28	533	465	441	357	14	10	520	408
YFBCDL400	1493	722	471	-	63	1231	430	614	822	60	38	614	529	488	404	18	12	574	448
YFBCDL450	1605	808	523	-	63	1331	480	690	898	60	38	680	595	538	455	18	12	640	496
YFBCDL500	1690	890	573	-	63	1381	527	761	989	70	42	750	661	588	506	18	12	715	552
YFBCDL560	1957	974	627	-	63	1620	575	850	840	90	48	850	745	669	565	26	12	805	630
YFBCDL630	2112	1209	813	-	80	1700	760	945	1243	90	55	946	838	739	636	28	12	904	696
YFBCDL710	2261	1366	429	-	80	1786	860	1054	1360	90	60	1054	944	820	717	28	14	1012	774
YFBCDL800	2564	1525	1023	-	80	1995	960	1202	1536	110	65	1176	1070	912	807	34	14	1140	875
YFBCDL900	3026	1719	1142	-	100	2410	1080	1336	1724	110	70	1336	1204	1040	908	36	14	1280	976
YFBCDL1000	3238	1920	1271	-	100	2520	1200	1474	1917	110	75	1472	1340	1139	1007	42	14	1416	1080
YFBCDL1120	3580	2160	1438	-	126	2765	1350	1651	2176	140	90	1654	1503	1276	1130	46	14	1586	1210
YFBCDL1250	3854	2418	1592	-	126	2935	1500	1826	2360	140	90	1826	1677	1407	1261	50	18	1764	1342
YFBCDL1400	4128	2677	1815	-	140	3090	1660	2040	2642	170	90	2032	1879	1572	1412	50	18	1960	1507
YFBCDL1600	4456	3060	2075	-	160	3270	1700	2488	3036	210	110	2327	2147	1794	1614	40	22	2246	1713
YFBCDL1800	4855	3442	2334	-	180	3520	1800	2781	3310	210	120	2596	2416	1996	1816	44	22	2515	1915
YFBCDL2000	5253	3824	2593	-	200	3770	2000	3070	3600	210	130	2884	2684	2218	2018	48	22	2794	2128

L90°/R90°尺寸表 L90°/R90°Dimension table

单位：mm Unit: mm

序号 型号	A	B	B1	C	D	E	H	J	K	L	φ	M	N	O	P	Q	R	S	T
YFBCDL280	1109	555	171	225	63	980	330	455	601	50	24	451	367	366	282	14	10	411	324
YFBCDL315	1286.5	604	196	249	63	1140	355	497	657	50	28	497	413	401	317	14	10	460	366
YFBCDL355	1350.5	663	215	273	63	1190	390	553	731	50	28	533	465	441	357	14	10	520	408
YFBCDL400	1422.5	731	243	301	63	1231	430	614	822	60	38	614	529	488	404	18	12	574	448
YFBCDL450	1527.5	813	273	333	63	1331	480	690	898	60	38	680	595	538	455	18	12	640	496
YFBCDL500	1605.5	892	301	365	63	1381	527	761	989	70	42	750	661	588	506	18	12	715	552
YFBCDL560	1865.5	979	331	404	63	1620	575	850	840	90	48	850	745	669	565	26	12	805	630
YFBCDL630	2011.5	1085	375	450	80	1744	635	945	1243	90	55	946	838	739	636	28	12	904	696
YFBCDL710	2154	1220	431	500	80	1836	720	1054	1360	90	60	1054	944	820	717	28	14	1012	774
YFBCDL800	2435	1361	482	571	80	2044	790	1202	1536	110	65	1176	1070	912	807	34	14	1140	875
YFBCDL900	2892	1520	543	630	100	2495	890	1336	1724	110	70	1336	1204	1040	908	36	14	1280	976
YFBCDL1000	3083	1690	610	710	100	2635	980	1474	1917	110	75	1472	1340	1139	1007	42	14	1416	1080
YFBCDL1120	3396	1897	700	800	126	2815	1090	1651	2176	140	90	1654	1503	1276	1130	46	14	1586	1210
YFBCDL1250	3648.5	2130	770	900	126	2935	1230	1826	2360	140	90	1826	1677	1407	1261	50	18	1764	1342
YFBCDL1400	3850	2432	854	1072	140	3140	1360	2040	2642	170	90	2032	1879	1572	1412	50	18	1960	1507
YFBCDL1600	4081	2620	956	1120	160	3270	1500	2488	3036	210	110	2327	2147	1794	1614	40	22	2246	1713
YFBCDL1800	4433	2900	1066	1250	180	3520	1650	2781	3310	210	120	2596	2416	1996	1816	44	22	2515	1915
YFBCDL2000	4784	3250	1195	1400	200	3770	1850	3070	3600	210	130	2884	2684	2218	2018	48	22	2794	2128

L135°/R135°尺寸表 L135°/R135°Dimension table

单位：mm Unit: mm

序号 型号	A	B	B1	C	D	E	H	J	K	L	φ	M	N	O	P	Q	R	S	T
YFBCDL280	957	675	545	-	63	957	265	455	601	50	24	451	367	366	282	14	10	411	324
YFBCDL315	1105	745	603	-	63	1105	288	497	657	50	28	497	413	401	317	14	10	460	366
YFBCDL355	1170	891	735	-	63	1170	390	553	731	50	28	533	465	441	357	14	10	520	408
YFBCDL400	1216	988	815	-	63	1216	430	614	822	60	38	614	529	488	404	18	12	574	448
YFBCDL450	1313	1099	909	-	63	1306	480	690	898	60	38	680	595	538	455	18	12	640	496
YFBCDL500	1373.5	1206	998	-	63	1346	527	761	989	70	42	750	661	588	506	18	12	715	552
YFBCDL560	1600	1331	1094	-	63	1570	575	850	840	90	48	850	745	669	565	26	12	805	630
YFBCDL630	1716	1480	1218	-	80	1700	635	945	1243	90	55	946	838	739	636	28	12	904	696
YFBCDL710	1818	1668	1378	-	80	1786	720	1054	1360	90	60	1054	944	820	717	28	14	1012	774
YFBCDL800	2060.5	1857	1535	-	80	1995	790	1202	1536	110	65	1176	1070	912	807	34	14	1140	875
YFBCDL900	2467.5	2087	1719	-	100	2410	890	1336	1724	110	70	1336	1204	1040	908	36	14	1280	976
YFBCDL1000	2623	2316	1913	-	100	2652	980	1474	1917	110	75	1472	1340	1139	1007	42	14	1416	1080
YFBCDL1120	2885	2595	2144	-	126	2815	1090	1651	2176	140	90	1654	1503	1276	1130	46	14	1586	1210
YFBCDL1250	3093	2908	2411	-	126	2985	1230	1826	2360	140	90	1826	1677	1407	1261	50	18	1764	1342
YFBCDL1400	3227	3278	2722	-	140	3140	1360	2040	2642	170	90	2032	1879	1572	1412	50	18	1960	1507
YFBCDL1600	3369	3746	3111	-	160	3270	1500	2488	3036	210	110	2327	2147	1794	1614	40	22	2246	1713
YFBCDL1800	3632	4214	3500	-	180	3520	1550	2781	3310	210	120	2596	2416	1996	1816	44	22	2515	1915
YFBCDL2000	3899	4682	3889	-	200	3770	1700	3070	3600	210	130	2884	2684	2218	2018	48	22	2794	2128

风机参考重量 Fan approx. weight

风机参考重量 (kg)
Fan approx. weight (kg)

产品型号 Model \ 传动方式 Drive arr.	A6	A18
YFBCDL-280	55	83
YFBCDL-315	62	101
YFBCDL-355	75	117
YFBCDL-400	106	149
YFBCDL-450	136	183
YFBCDL-500	157	213
YFBCDL-560	190	247
YFBCDL-630	267	341
YFBCDL-710	342	420
YFBCDL-800	473	558
YFBCDL-900	610	737
YFBCDL-1000	765	913
YFBCDL-1120	1200	1384
YFBCDL-1250	1381	1617
YFBCDL-1400	1899	2153
YFBCDL-1600	2332	2884
YFBCDL-1800	2970	3660
YFBCDL-2000	4065	4893

注意：风机重量不含电机；
Notes: Motor weight is not included in the table.

电机参考重量 Motor approx. weight

电机参考重量(kg)
Motor approx. weight (kg)

功率 kW \ 极数 Poles	2P	4P	6P	8P
0.25	14.5	14	14.5	17
0.37	15	14.5	16	24
0.55	15.5	15	17	28
0.75	15	16	22	30
1.1	16	21	24	32
1.5	21	23	32	40
2.2	24	33	41	64
3	33	35	63	78
4	41	41	72	105
5.5	63	65	81	115
7.5	70	76	118	145
11	110	118	145	160
15	120	132	178	228
18.5	135	164	200	242
22	165	182	228	265
30	218	245	265	368
37	230	258	370	470
45	280	290	490	538
55	365	388	540	900
75	495	510	900	1000
90	565	606	980	1055
110	890	910	1045	1118
132	980	1000	1100	2000
160	1055	1055	1550	2150
200	1110	1178	1600	2250
250	1900	1700	1700	
315	2300	1900	1900	

注意：由于不同品牌电机重量不同，此表中电机重量仅供参考。
Notes: Due to different weights of motors of different brands, motor weights in the table are only for reference.

标准配件
Standard Accessories

- 半封闭皮带护罩
Half-closed belt cover
- 保护人员安全，保证皮带正常运转。
Guarantee the personnel security and make sure that the belt can operate normally.
- 蜗壳检修门
Scroll access door
- 检查叶轮旋转情况，清除叶轮附着物，保证叶轮动平衡。
For examining the wheel rotation, clearing the attachments on the wheel and thus ensuring the dynamic balancing of the wheel.
- 弹簧防剪切减振器
Shear-proof spring absorber
- 卸载风机动载荷，阻止风机水平位移，保证风机平稳运行，降低风机运行噪声。
Down-load fan dynamic load to prevent fan from moving horizontally and make sure that the fan operate smoothly and decrease the fan running noise.
- 一层减振台座（仅适用于A18传动方式）
Floor absorber pedestal
- 均布风机重量，避免局部应力集中，保证风机运行平稳。
Even distribution of fan weight, avoid local stress concentration and ensure fan smooth running.

可选配件
Optional Accessories

- 进出口软接头
Flexible duct connectors for inlet and outlet
- 风机与风管之间的柔性连接装置，避免风机振动传至整个系统，同时用于风机与不同管径、不同中心高度风管的对接。
Flexible device connecting fan and duct for avoiding fan vibration from transferring to the whole system, also used for the connection of fan with ducts of different diameters and different centre heights.
- 第二层减振台座
Second-floor absorber pedestal
- 在一层基础上更有效分解水泥台座局部受力，弥补表面不平整所产生的问题。
On base of the floor pedestal, it can decompose the local stress of the cement pedestal and remedy the problem caused by the surface unevenness.
- 排污口
Drain
- 置于蜗壳底部，便于及时排出液态的污物如凝结水等。
Located on the bottom of scroll to discharge contaminated substance such as condensed water etc.

- 电机防雨罩
Motor weather hood
- 防止电机受雨雪侵袭，延长电机寿命。
Protect motor from rain or snow assault and extend the motor life.

- 进/出口防护网
Inlet/outlet safety protective screening
- 保护风机，防止叶轮运转时造成的意外人身伤害。
Protect fan and prevent accidental personal injure while wheel is operating.
- 防爆铜环
Anti-explosion copper loop
- 位于进风口处，与防爆电机一起使用时达到AMCA标准的Spark C防爆等级。
Be placed at the fan inlet, and applied together with anti-explosion motor to achieve AMCA standard Spark C Anti-explosion grade.
- 进出口对法兰
Inlet/outlet companion flange
- 风机与风管连接时的必要部件，便于风管的安装与拆卸。
A necessary component for fan and duct connection and it is easy for duct installation and removal.
- 出口风量调节阀
Outlet damper
- 安装于出风口。保证风机安全启动，可任意调节所需风量。
Be installed at the fan inlet to ensure that the fan can start up securely and regulate the necessary air volume freely.
- 全封闭皮带护罩
Totally closed belt protective cover
- 风机室外安装时防止雨雪对皮带和皮带轮的侵蚀，保护人员安全，保证皮带正常运转。
When fan is arranged outdoor, prevent rain and snow from corroding belt and pulley so as to protect the safety of personnel and ensure normal running of belt.

技术规范
Technical Specifications

- 风机类型
Fan Type
- 风机应为钢制后弯叶轮双进风离心风机。驱动方式为有电机皮带驱动(A18)、无电机的皮带驱动(A6)。
The fan shall be double-inlet centrifugal and belt drive (A6/A18), with backward curved centrifugal wheel.
- 标准与规范
Quality standards
- 风机应按照AMCA标准210和300进行检测并按照AMCA出版物211和311进行风机空气性能、声音和效率等级认证，每台风机出厂时均应贴有AMCA空气性能、声音和能效标识一体的认证标签。生产企业应通过 ISO9001-2008质量体系认证。
Fan shall be tested in accordance with AMCA Standard 210 and 300 and AMCA Licensed according to AMCA Publication 211 and 311 for air performance, sound and FEG. Each fan shall be affixed with AMCA Certification Seal on air performance, sound and FEG. The manufacturer must own the ISO9001-2008 certification.
- 叶轮
Wheel
- 叶轮应为钢制后弯离心叶轮，全焊接而成。叶轮应经过静态和动态平衡。280~800mm 叶轮直径，平衡精度等级应达到 G4.0; 900~2000mm叶轮直径，平衡精度等级应达到G5.6。叶轮处于最高允许转速时，应能保持平稳的气流和较低的噪声。叶轮特性应能有效避免因工作点滑动造成的性能下降。风机结构应能够允许叶轮方便抽出，以便叶轮维护或清洁。
The wheel shall be steel backward-bladed centrifugal and shall be adopted as the wheel by all-welding. Both static and dynamic balance shall be carried out on the wheel. Diameter of the wheel shall be 280 mm to 800 mm, with the balance prevision level reaching G4.0. For wheels with diameter of 900 to 2,000 mm, the balance prevision level shall reach as high as G5.6. When the wheel is operating at the highest allowable speed, the volume shall be stable and the noise shall be low. Wheel features shall be able to avoid performance downgrade resulting from sliding of the working points. Structure of the fan shall allow convenient withdrawal of the wheel for maintenance and cleaning.

- 风机外壳
Fan Housing
- 风机外壳应为钢制，其厚度和强度应足以保证承受风机最大运行重量。风机外壳应为连续焊接而成。叶轮直径为1600-2000mm的风机外壳采用上下剖分的结构，便于运输和维护；风机外壳必须配有检修门以便清除进入风机内部的异物。
Housing of the fan shall be made of steel. Its thickness and strength shall be able to bear the maximum operation weight of the fan. Housing of the fan shall be made through continuous welding. The upper and lower division structure shall be used for the fan with wheels with diameter of 1,600 to 2,000 mm for convenient transportation and maintenance. The housing of the fan must be equipped with a manhole for removing of foreign matters entering the fan.
- 进风口
Inlet
- 进风口应为钢制，严格依照空气动力学特性设计，表面光滑呈流线形，且具有良好的整流效果，能有效减少紊流，提高风机效率，降低噪音。
Fan inlet shall be steel and aerodynamic design round curved section to smoothly transit the air to the wheel cone, it will have well commutate effect to effectively reduce turbulence, improve fan efficiency and reduce noise.

- 表面处理
Surface processing
- 风机表面应先经过打磨清理，除去凸起异物、焊渣、毛刺、锐边、铁屑、油污，然后静电喷涂。喷涂后的表面光泽应大于或等于70%，应无凹凸、流挂、裂纹、皱皮、脱落现象。在设备允许的使用工况下，至少10年不腐不锈。
Firstly, the fan surface shall be polished, cleared of the debris, welding dreg, burr, sharp side, and greasy dirt, and then painted or high temperature coated (apply to environment of high temperature). The luster of the surface after being painted shall be or greater than 70% and there should be no unevenness, sag, fissure, crackle or shedding. Under the equipment allowable working conditions, it shall guarantee that the fan not be corroded or rusted in at least ten years.

- 皮带传动机构
Belt drives
- 风机轴应是通过精车调质处理的，硬度达到HB250~280，其最大负载应大于风机最大运行速度的35%。应使用两个轴承支撑风机轴，轴承寿命应大于L10：80000小时，常温条件下其类型应是密封可润滑的。皮带轮应当为铸铁制成，其尺寸应至少按照驱动功率的130%选型。皮带轮、皮带应配有护罩。
The fan shaft shall be treated through soaking furnace to the hardness of HB250 to 280. The maximum velocity shall be designed to at least exceed 35% of the maximum fan operation speed. Two bearings shall be used to support the fan shaft. The service life of the bearing shall be more than L10:80000h. At normal temperature, it shall be sealed and lubricated. The pulley shall be constructed of cast-iron, with a dimension selected corresponding to 130% of the driving power. The pulley and belt shall be provided with shield.

- 电机
Motor
- 电机应与风机负载紧密配合，防护等级IP54，绝缘等级F。电机轴承应为滚珠轴承并且可润滑。电机和驱动机构应置于气流之外，以避免气流中的油脂或灰尘的堆积。
The motor shall be closely matched to the fan load, IP 54, and insulation class F, and the motor bearings shall be ball-bearings and could be lubricated. The motor and the driving mechanism shall be located out of the air flow to avoid accumulation of grease or dust from the air flow.

- 标牌
Nameplate
- 永久固定的铝制标牌上应有清晰可辨的风机编号，型号和产品序列号（即每台机器的唯一身份证明），从而保证客户方便地查询配件的历史记录。
Permanently fixed aluminum nameplate shall be fixed on fan body clearly display fan mark, product model and serial number. The serial number shall be a unique ID for each fan, so that the customer can use this number to find out the parts used to build this fan.

- 可接受供货商
Acceptable Manufacturers
- 英飞® 或类似产品。设计基于 英飞® 的YFBCDL型号。
INFINAIR® or equivalent. Design based on YFBCDL from **INFINAIR®**.