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ACF-MA系列轴流风机技术手册

ACF-MA series axial-flow fan technical manual



浙江莱恩克风机有限公司
ZHEJIANG LION KING VENTILATOR CO., LTD.



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浙江莱恩克风机有限公司
ZHEJIANG LION KING VENTILATOR CO., LTD.

企业理念

Qualification Certificate

诚信立足，创新发展，共赢致远.....

Based on Honesty|Innovation to Promote Development|Mutual Benefits Lead to Great Future

诚信是莱恩克公司的立身之本。莱恩克一贯奉行全方位的诚信理念，倡导企业管理层、员工诚信经营、诚信服务，倡导同社会、客户、合作伙伴和谐发展，为铸造百年企业打下扎实根基。

创新是莱恩克公司的活力之源。公司大力倡导创新精神，积极营造尊重劳动、尊重知识、尊重人才、尊重创造的良好氛围，在实践中不断推进体制、机制、科技、产品等创新活动，为社会提供更优质的产品和服务。

共赢是莱恩克公司的致远之道。公司通过诚信的态度，务实的作风，创新的思维，努力达成企业、员工、客户、合作伙伴、社会多方共赢，使得企业长远稳定发展。

Honesty is the foundation of LION KING. We consistently pursue good faith as our principle. We advocate our managers and employees operating honestly, and we advocate to develop with society, customers and partners in harmony to make our company to exist more than one hundred years.

Innovation is the source of vitality of LION KING. We advocate innovation, and actively create good atmosphere for innovation, such as respecting talents, respecting knowledge, respecting hardworking, respecting creation. And in practice, we continue to promote innovation of our system, mechanism, technologies and products.

Mutual benefits are the way to lead us to a great future. With honest attitude, pragmatic work style and innovative thinking, we'll try our best to achieve multi-win situation for our company, employees, customers, partners and the society, which will help us for a long-time sustainable development.



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概述

ACF-MA系列轴流风机由本公司自行设计开发。该样本中列出的15种规格轴流风机型号从315 mm-1600 mm，风量从1000 m³/h - 230000 m³/h, 全压可以达到1500 Pa。风机在烟气温度达到280°C的场合, 连续运行0.5小时以上。该系列风机经“国家消防装备质量监督检验中心”检验合格。主要用于工程建筑和特殊场合(如防爆、防腐等环境)的通风及消防排风。

命名方式

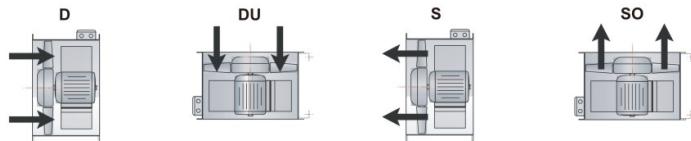
ACF-F560MA-6-6/25LH1-4



安装方式

莱恩克轴流风机具有多种安装方式。所有标准的安装方式如下所示。在订购的时候请指出需要何种安装方式。

当需要使用耐腐蚀电机时, 风机的安装方式是至关重要的。表示叶轮旋转方向及气流方向的标志贴在风机的壳体上。



Summary

The ACF-MA series axial fans were developed by Zhejiang LION KING Ventilator Co., Ltd. There are 15 models of the axial fans in the AXA series that ranges from sizes 315 to 1600 mm Wheel diameter. The air volume ranges from 1,000 m³/h to 230,000 m³/h, and the total pressure can be achieved 1500 Pa. AXA series fan units are dual-purpose fans (standard and fireproof), they can continuous operate over 0.5 hours when the flue gas temperature reaches 280 °C, these fans have been tested by the "National Fire Equipment Quality Supervision and Test Center". They are new-type for high-rise buildings about the dual-purpose ventilation.

Nomenclature

产品结构

ACF-MA 系列轴流风机主要有机壳、叶轮、电机、接线软管等部件组成。电机直联驱动。

1. 机壳

风机筒体及电机支架由优质冷轧板制成, 通过翻边机一次翻边成型。所有零部件在加工完毕后都经过静电喷涂。根据客户要求也可采用热浸锌处理。根据电机型号大小, 筒体规格可分为(LH1LH2)两种,LH2为长筒体, 可以包裹所有选型选到的电机。

2. 叶轮

莱恩克叶片、轮毂都是由优质铝合金铸造而成, 叶片符合空气动力学的外形, 具有可调角度的叶片型式能优化风机的运行点, 不同的叶片数加宽了风机的性能范围。

3. 电机

轴流风机标配电机的绝缘等级为F级, 防护等级为IP54, 连续运转的温度范围为-20°C~+40°C, 其它的运行条见要求。

风机特点

1. 风机效率高

引进德国先进工艺技术及 CFD 辅助设计的三元扭曲机翼形叶片, 具有更加符合空气动力学的外形, 宽叶型、大扭曲角及合理的轮毂比的设计, 使其高效范围更宽广。严格控制机壳与叶片径向间隙, 径向间隙≤0.5%, 最大程度的降低了漏气引起的效率损失。

2. 风机噪声低

样本中的噪声频谱表是根据 AMCA 噪声检测数据整理所得, 有助于不同频段消音器的选型。可提供包覆式结构用于对噪音要求比较苛刻的场合。

3. 风机可靠性和稳定性

风机经过两级动平衡校正(叶轮动平衡校正、整体动平衡校正), 叶轮和整机内控动平衡等级按照 AMCA204-05 标准 G2.5 级执行, 减少噪音和振动, 运行平稳可靠。风机表面可采用静电喷涂层处理, 不会出现流淌现象; 外形美观、环保; 贴着力强, 耐腐蚀能力高。风机法兰免焊接设计, 直接在筒体上翻边成型, 大大增加了筒体结构强度。

4. 适用性强

ACF-MA 轴流风机具有可调角度的叶片型式, 能优化风机的运行点, 加宽了单型号风机性能范围, 使风机选型更具灵活性。可针对现场的实际使用情况, 进行二次选型, 合理调整风机工况点, 能有效解决现场参数变更导致风机实际运行参数需要调整的问题。



Construction of Product

ACF-MA 系列轴流风机主要由机壳、叶轮、电机、接线软管等部件组成。电机直接驱动。

1. Housing

风机壳体及电机支架由优质冷轧板制成, 通过翻边机一次翻边成型。所有零部件在加工完毕后都经过静电喷涂。根据客户要求也可采用热浸锌处理。根据电机型号大小, 筒体规格可分为(LH1LH2)两种,LH2为长筒体, 可以包裹所有选型选到的电机。

2. Impeller

叶轮和叶片是由优质铝合金铸造而成, 叶片符合空气动力学的外形, 具有可调角度的叶片型式能优化风机的运行点, 不同的叶片数加宽了风机的性能范围。

3. Motors

标准电机的绝缘等级为 F 级, 防护等级为 IP54 或以上。环境温度为 -20°C ~ +40°C, 其他运行条件见要求。

Fan characteristic

1. High Efficiency

引进德国先进工艺技术及 CFD 辅助设计的三元扭曲机翼形叶片, 具有更加符合空气动力学的外形, 宽叶型、大扭曲角及合理的轮毂比的设计, 使其高效范围更宽广。严格控制机壳与叶片径向间隙, 径向间隙≤0.5%, 最大程度的降低了漏气引起的效率损失。

2. Low Noise

样本中的噪声频谱表是根据 AMCA 噪声检测数据整理所得, 有助于不同频段消音器的选型。可提供包覆式结构用于对噪音要求比较苛刻的场合。

3. Reliability and Stability

风机经过两级动平衡校正(叶轮动平衡校正、整体动平衡校正), 叶轮和整机内控动平衡等级按照 AMCA204-05 标准 G2.5 级执行, 减少噪音和振动, 运行平稳可靠。风机表面可采用静电喷涂层处理, 不会出现流淌现象; 外形美观、环保; 贴着力强, 耐腐蚀能力高。风机法兰免焊接设计, 直接在筒体上翻边成型, 大大增加了筒体结构强度。

4. Strong Applicability

ACF-MA 轴流风机具有可调角度的叶片型式, 能优化风机的运行点, 加宽了单型号风机性能范围, 使风机选型更具灵活性。可针对现场的实际使用情况, 进行二次选型, 合理调整风机工况点, 能有效解决现场参数变更导致风机实际运行参数需要调整的问题。



声级

该系列风机的声级是根据 AMCA 300 规定的混响室方法测定的。此性能曲线中所示的声级是计权的声功率级。

说明

- 1) 订货时须注明风机型号、转速、风量、风压、出风口方向和旋转方向。若需配备消音装置、集流器、减振器、电机、防鸟网等配件及其特殊要求可在订货时提出。
- 2) 在安装前应对风机各部件进行检查，对叶轮、主轴和轴承等主要机件应重点细致检查，如有损伤应修复后再安装使用。
- 3) 检查机壳和其它壳体内部，不应有掉入、遗留的工具和杂物。
- 4) 风机正式运转前，需检查电机的转向是否符合风机转向的要求。
- 5) 风管与出风口之间应采用软连接，接头不得拉紧。
- 6) 风机安装后用手或杠杆拨动叶轮，检查是否过紧或碰撞现象，确认无这些现象时，方可进行试转。
- 7) 风机配用电机功率是指在特定工况下，风机轴功率加上机械损失与电机容量安全系数而言，并非出风口全敞开时所需的功率。为防止电机超负荷运行而烧毁，严禁风机出风口或进风口不接管路或未加外界任何阻力进行空运转。
- 8) 风机在无较大腐蚀性气体、不含酸（碱）性和尘粒物质 <150mg/m³ 的气体、-20°C < 温度 <40°C 的气体环境下使用，风机在运输装卸过程中应小心轻放，防止碰撞挤压。

Sound Levels

The ascertaining of the sound level follows the Reverberant Room Method according to AMCA 300. In the performance curves shows the A-weighted sound power levels.

Instructions

- 1) When placing the order, it is necessary to state the type of fan, speed, air volume, air pressure, discharge direction, rotation direction, type of electric motor and its specifications. If the required matching silencing device, collector, shock absorber, motor, anti-bird nets and other accessories and other special requirements can be mentioned in order.
- 2) Prior to installation, the fan should be carefully inspected. Special care should be taken in checking the shaft, impeller and bearings. If there is an indication of any damage, the damaged parts should be repaired or replaced before the fan is installed or commissioned.
- 3) The inside of the scroll and casing need to be checked to make sure that there are no foreign objects inside the housing, such as tools or loose parts.
- 4) The rotational directions of the motor and impeller should be checked to ensure that they are in compliance with the specification and purchase orders.
- 5) A flexible connector should be used between the fan outlet flange and its mating ductwork. The flex connector should not be over-stretched.
- 6) Following the installation, the impeller should be turned by hand with the use of a wrench to make sure that it turns freely without colliding with other parts of the fan. Once all this is done, the fan can be commissioned normally.
- 7) The rated motor power as calculated herein might not be sufficient to drive the fan with an unrestricted discharge flow. Operating the fan with an unrestricted discharge outlet will result in flow rate that exceeds the specified fan capabilities. Such operation will quickly burn the motor and damage the fan. Great care must be taken in operating the fan to make sure that the maximum rated flows, as provided on the performance charts in this catalog, are not exceeded.
- 8) The fan is limited for use in areas where air substances are non-corrosive, non-toxic and non-erosive and where dust particles are less than 150mg/m³ with a temperature between -20 °C and 40°C. Special care should be taken during transportation, load and unload.



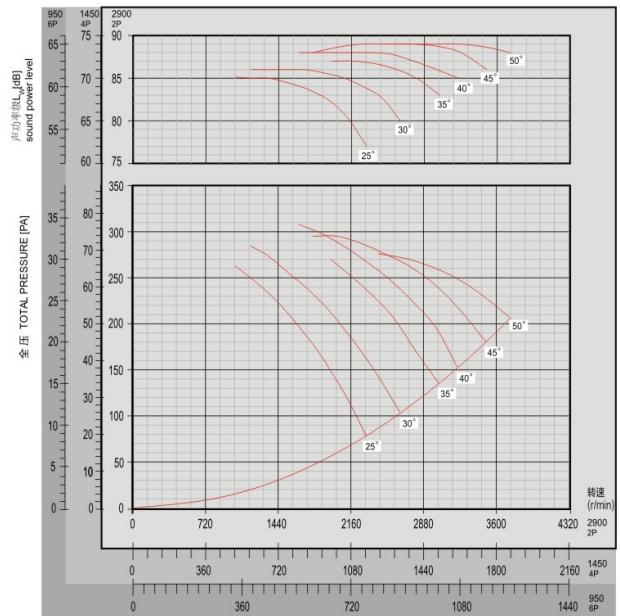
技术参数 Technical Data

叶轮直径	Wheel diameter	D = 315 mm
叶片数量	Number of blades	Z = 3
轮毂数量	Number of hubs	Z = 6

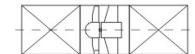
性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} A sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装：管道入口，管道出口，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国际标准301计算。所示值为安装类型D；管道入口，管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



Measured in installation D
according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.179	0.231	0.312	0.380	0.476	0.547	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.55	0.55	0.75									
1450 motor	0.023	0.030	0.040	0.049	0.061	0.070	-4	-9	-7	-8	-10	-13	-16	-19
0.37	0.37	0.37	0.37	0.37	0.37									
950 motor	0.007	0.009	0.012	0.014	0.018	0.020	-4	-9	-7	-8	-10	-13	-16	-19
0.37	0.37	0.37	0.37	0.37	0.37									



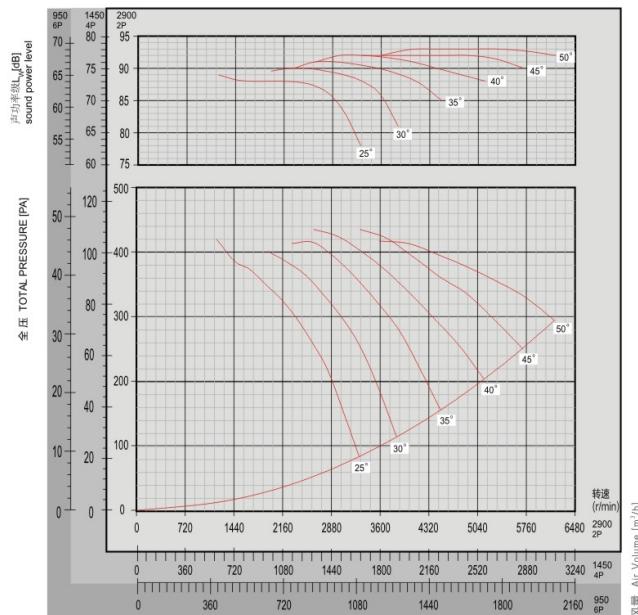
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 315 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

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	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.317	0.407	0.520	0.617	0.784	0.934	-11	-10	-2	-9	-11	-14	-17	-20
0.37	0.55	0.55	0.75	1.1	1.1									
1450 motor	0.040	0.052	0.066	0.079	0.1	0.119	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									
950 motor	0.012	0.015	0.019	0.023	0.029	0.035	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									



技术参数 Technical Data

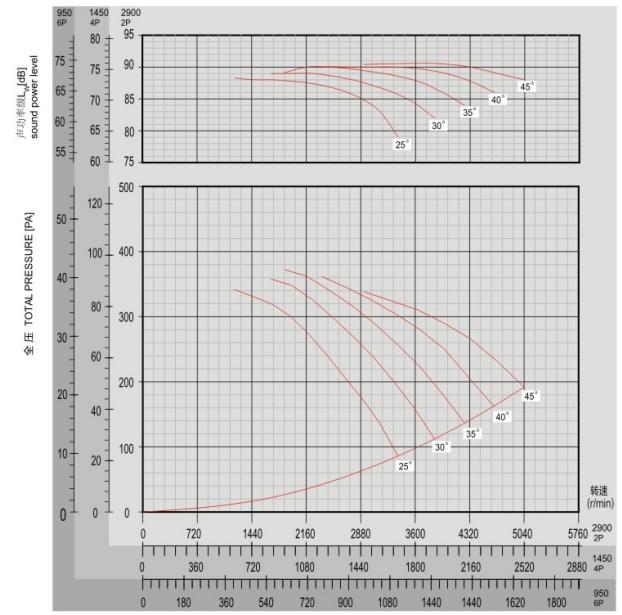
叶轮直径 Wheel diameter	D = 315 mm
叶片数量 Number of blades	Z = 4
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

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Measured in installation D according to AMCA 211:



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	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.27	0.348	0.425	0.51	0.632		-11	-10	-2	-9	-11	-14	-17	-20
0.37	0.37	0.55	0.55	0.55	0.75									
1450 motor	0.034	0.045	0.054	0.065	0.081		-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									
950 motor	0.01	0.013	0.016	0.019	0.024		-4	-9	-7	-8	-10	-13	-16	-19
0.37	0.37	0.37	0.37	0.37	0.37									



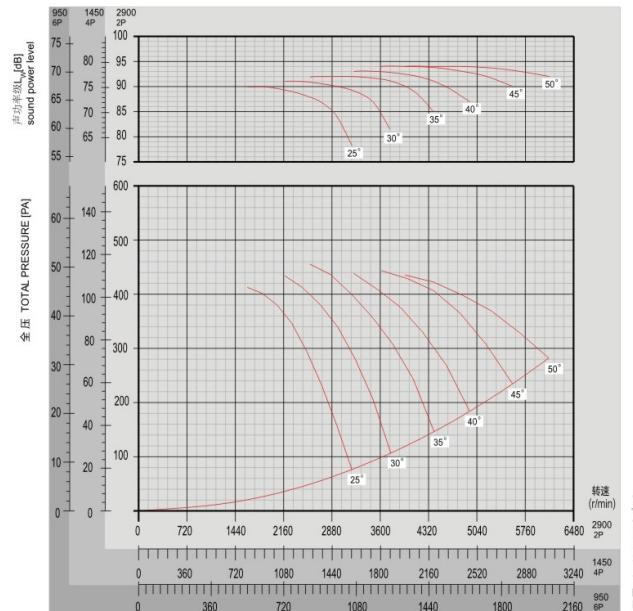
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叶轮直径 Wheel diameter	D = 315 mm
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轮毂数量 Number of hubs	Z = 8

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	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.391	0.502	0.62	0.738	0.915	1.09	-11	-10	-8	-3	-11	-14	-17	-20
0.55	0.55	0.75	1.1	1.1	1.5									
1450 motor	0.05	0.064	0.079	0.094	0.117	0.139	-11	-10	-2	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									
950 motor	0.015	0.019	0.023	0.027	0.034	0.041	-11	-10	-8	-3	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									



技术参数 Technical Data

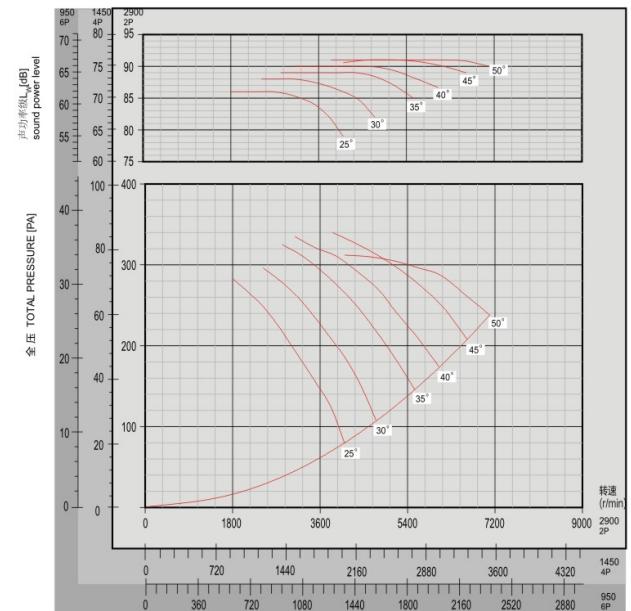
叶轮直径 Wheel diameter	D = 355 mm
叶片数量 Number of blades	Z = 3
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw] 相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.253	0.253	0.475	0.564	0.721	0.877	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.55	0.75	1.1	1.1									
1450 motor	0.032	0.043	0.061	0.072	0.092	0.112	-4	-9	-7	-8	-10	-13	-16	-19
0.37	0.37	0.37	0.37	0.37	0.37									
950 motor	0.009	0.013	0.036	0.021	0.027	0.033	-4	-9	-7	-8	-10	-13	-16	-19
0.37	0.37	0.37	0.37	0.37	0.37									



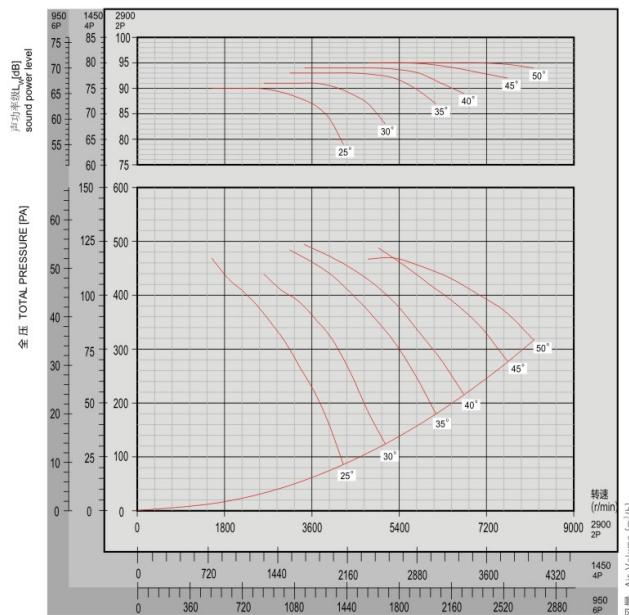
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 355 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.446	0.587	0.78	0.916	1.15	1.36	-11	-10	-2	-9	-11	-14	-17	-20
	0.55	0.75	1.1	1.1	1.15	2.2								
1450 motor	0.056	0.075	0.099	0.117	0.146	0.173	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								
950 motor	0.017	0.022	0.029	0.034	0.042	0.050	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								



技术参数 Technical Data

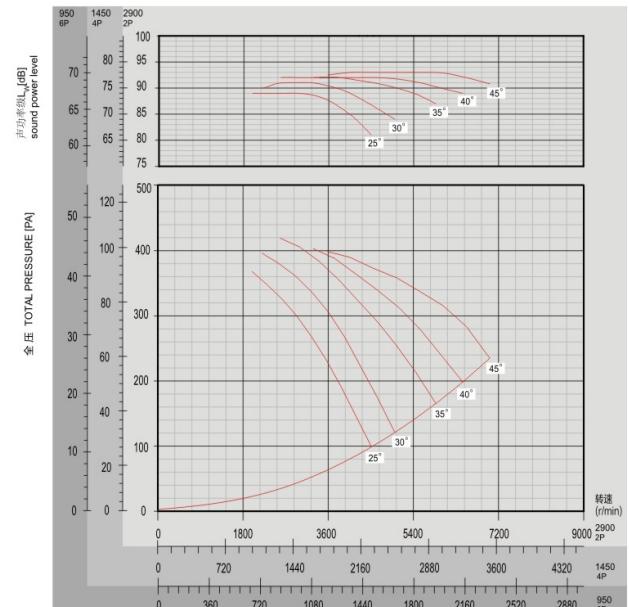
叶轮直径 Wheel diameter	D = 355 mm
叶片数量 Number of blades	Z = 4
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.374	0.47	0.608	0.752	0.982	-11	-10	-2	-9	-11	-14	-17	-20
	0.55	0.55	0.75	1.1	1.1								
1450 motor	0.048	0.06	0.078	0.096	0.125	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37								
950 motor	0.014	0.018	0.023	0.028	0.036	-4	-4	-8	-12	-16	-20	-24	-28
	0.37	0.37	0.37	0.37	0.37								



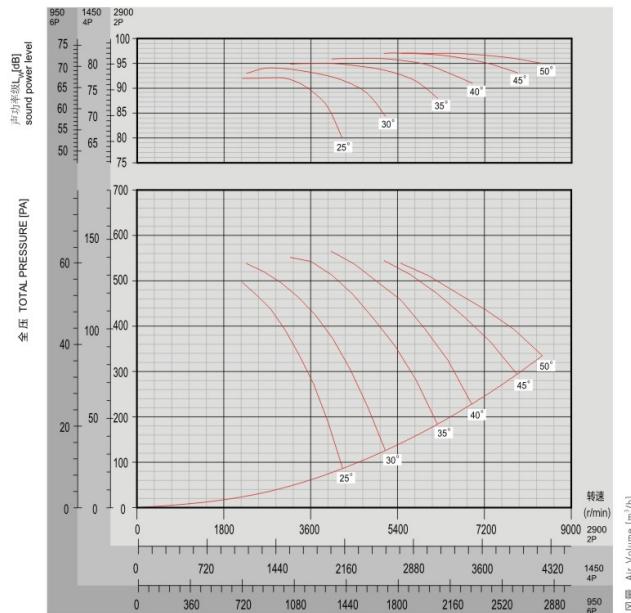
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 355 mm
叶片数量 Number of blades	Z = 8
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.601	0.77	1	1.18	1.45	1.74	-11	-10	-8	-3	-11	-14	-17	-20
1450 motor	0.75	1.1	1.1	1.5	2.2	2.2								
950 motor	0.077	0.098	0.128	0.151	0.186	0.222	-11	-10	-2	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								
950 motor	0.023	0.029	0.037	0.044	0.054	0.064	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								



技术参数 Technical Data

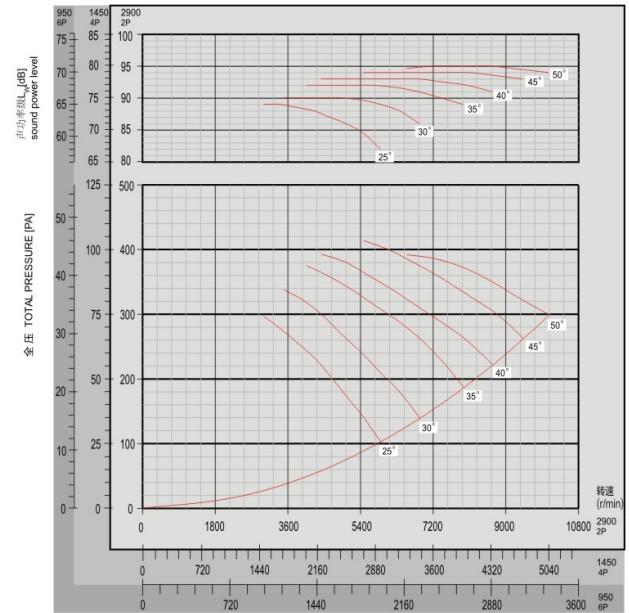
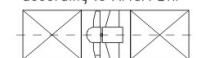
叶轮直径 Wheel diameter	D = 400 mm
叶片数量 Number of blades	Z = 3
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.371	0.509	0.718	0.904	1.15	1.41	-11	-4	-8	-9	-11	-14	-17	-20
1450 motor	0.55	0.55	1.1	1.1	1.5	2.2								
950 motor	0.047	0.065	0.092	0.115	0.147	0.180	-4	-9	-7	-8	-10	-13	-16	-19
	0.37	0.37	0.37	0.37	0.37	0.37								
950 motor	0.014	0.019	0.027	0.034	0.043	0.052	-4	-9	-7	-8	-10	-13	-16	-19
	0.37	0.37	0.37	0.37	0.37	0.37								



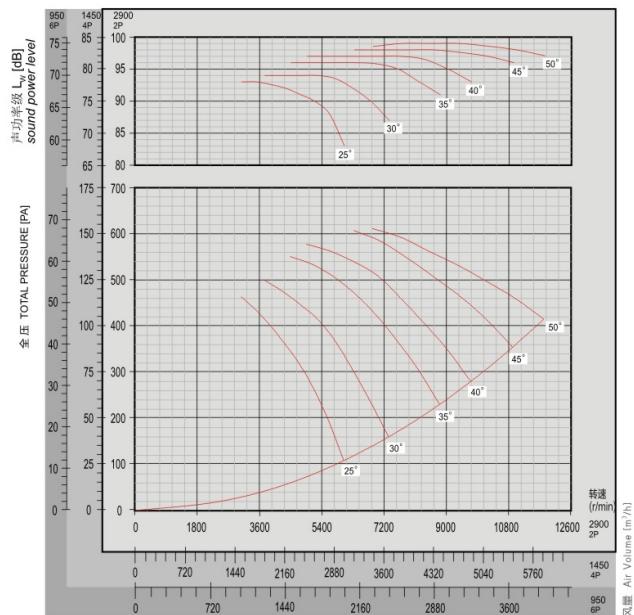
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 400 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 6

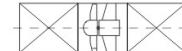
性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



Measured in installation D according to AMCA 211:



技术参数 Technical Data

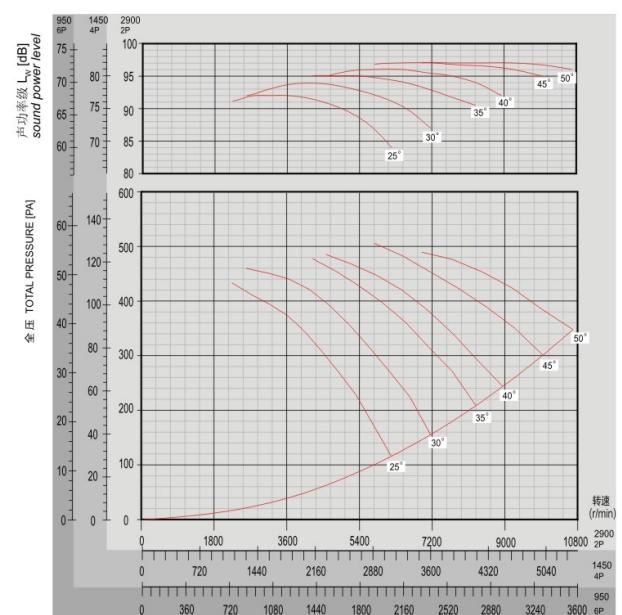
叶轮直径 Wheel diameter	D = 400 mm
叶片数量 Number of blades	Z = 4
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 Peak absorbed power [kw] 相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.648	0.875	1.19	1.46	1.83	2.21	-11	-10	-2	-9	-11	-14	-17	-20
0.75	1.1	1.5	2.2	2.2	3									
1450 motor	0.083	0.112	0.152	0.186	0.233	0.281	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									
950 motor	0.024	0.032	0.044	0.054	0.068	0.081	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900	0.539	0.717	0.962	1.15	1.52	1.88	-11	-10	-2	-9	-11	-14	-17	-20
0.75	0.75	1.1	1.5	2.2	2.2									
1450	0.069	0.092	0.123	0.147	0.194	0.24	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									
950	0.02	0.027	0.036	0.043	0.056	0.07	-4	-9	-7	-8	-10	-13	-16	-19
0.37	0.37	0.37	0.37	0.37	0.37									



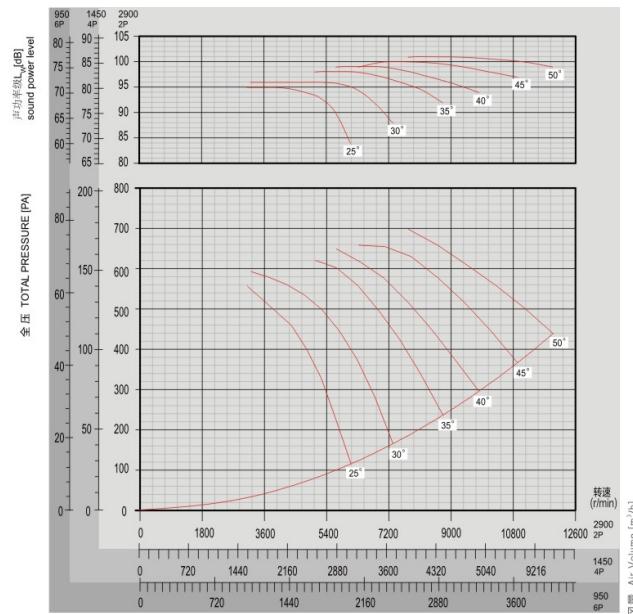
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 400 mm
叶片数量 Number of blades	Z = 8
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . Sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900	0.9	1.14	1.59	1.85	2.3	2.71	-11	-10	-8	-3	-10	-14	-17	-20
motor	1.1	1.5	2.2	2.2	3	3								
1450	0.116	0.145	0.202	0.236	0.294	0.346	-11	-10	-2	-9	-11	-14	-17	-20
motor	0.37	0.37	0.37	0.37	0.37	0.37								
950	0.033	0.042	0.059	0.069	0.085	0.101	-11	-4	-8	-9	-11	-14	-17	-20
motor	0.37	0.37	0.37	0.37	0.37	0.37								



技术参数 Technical Data

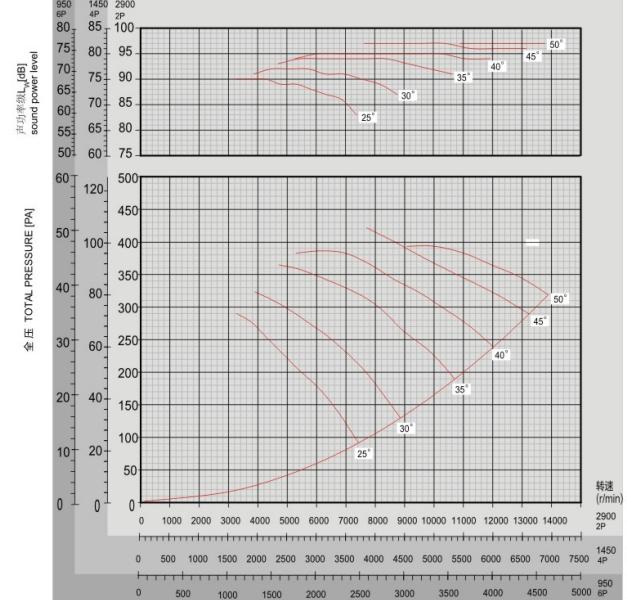
叶轮直径 Wheel diameter	D = 450 mm
叶片数量 Number of blades	Z = 3
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . Sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900	0.5	0.71	1.01	1.26	1.67	2.05	-11	-4	-8	-9	-11	-14	-17	-20
motor	0.55	0.75	1.1	1.5	2.2	2.2								
1450	0.06	0.09	0.13	0.16	0.21	0.26	-4	-9	-7	-8	-10	-13	-16	-19
motor	0.37	0.37	0.37	0.37	0.37	0.37								
950	0.02	0.027	0.038	0.047	0.062	0.076	-4	-9	-7	-8	-10	-13	-16	-19
motor	0.37	0.37	0.37	0.37	0.37	0.37								



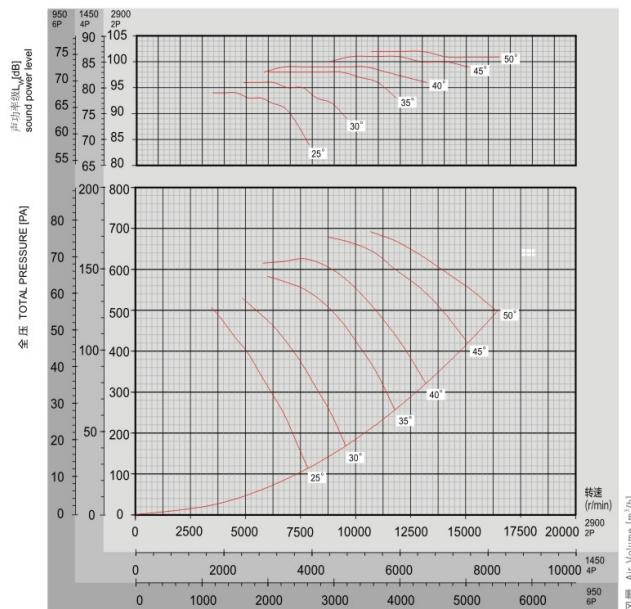
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 450 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 PLmax Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.89	1.21	1.75	2.16	2.79	3.39	-11	-10	-2	-9	-11	-14	-17	-20
1450 motor	0.11	0.16	0.22	0.28	0.36	0.43	-11	-4	-8	-9	-11	-14	-17	-20
950 motor	0.03	0.045	0.065	0.08	0.1	0.13	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								



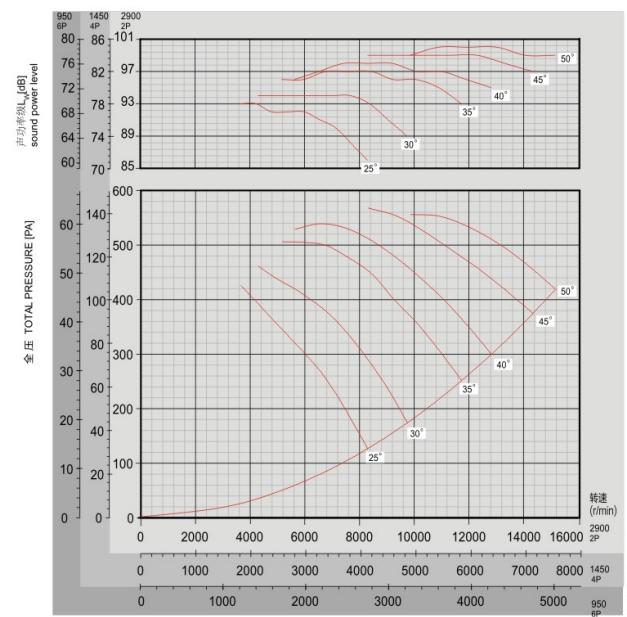
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 450 mm
叶片数量 Number of blades	Z = 4
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 PLmax Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.75	1.03	1.49	1.78	2.3	2.89	-11	-10	-2	-9	-11	-14	-17	-20
1450 motor	0.11	0.16	0.22	0.28	0.36	0.43	-11	-4	-8	-9	-11	-14	-17	-20
950 motor	0.03	0.038	0.055	0.066	0.085	0.11	-4	-9	-7	-8	-10	-13	-16	-19
	0.37	0.37	0.37	0.37	0.37	0.37								



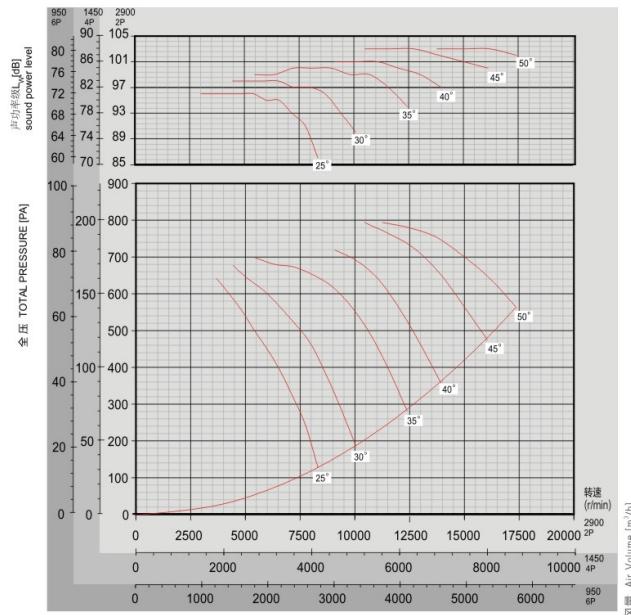
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 450 mm
叶片数量 Number of blades	Z = 8
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	1.29	1.7	2.33	2.93	3.75	4.39	-11	-10	-8	-3	-11	-14	-17	-20
	2.2	2.2	3	3	4	5.5								
1450 motor	0.17	0.22	0.3	0.37	0.48	0.56	-11	-10	-8	-3	-11	-14	-17	-20
	0.37	0.37	0.37	0.55	0.55	0.75								
950 motor	0.05	0.063	0.086	0.11	0.14	0.16	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								



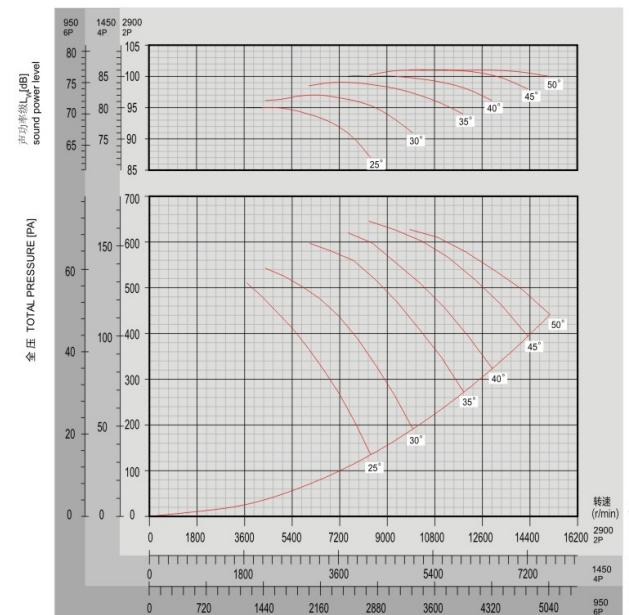
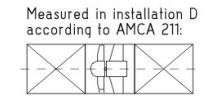
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 450 mm
叶片数量 Number of blades	Z = 5
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	1	1.36	1.87	2.28	2.94	3.45	-11	-10	-2	-9	-11	-14	-17	-20
	1.1	1.5	2.2	3	4	4								
1450 motor	0.127	0.174	0.239	0.291	0.375	0.44	-11	-4	-8	-9	-10	-14	-17	-20
	0.37	0.37	0.37	0.37	0.55	0.55								
950 motor	0.037	0.051	0.07	0.085	0.109	0.128	-11	-10	-2	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								



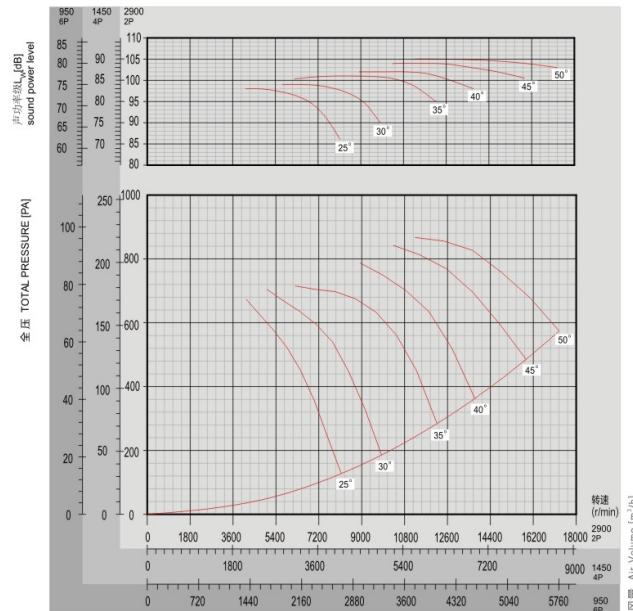
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 450 mm
叶片数量 Number of blades	Z = 10
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	1.6	2.02	2.81	3.36	4.36	5.18	-11	-10	-8	-3	-11	-14	-17	-20
	2.2	2.2	3	4	5.5	5.5								
1450 motor	0.21	0.257	0.358	0.429	0.556	0.661	-11	-10	-2	-9	-10	-14	-17	-20
	0.37	0.37	0.55	0.55	0.75	0.75								
950 motor	0.06	0.075	0.104	0.125	0.161	0.192	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								



技术参数 Technical Data

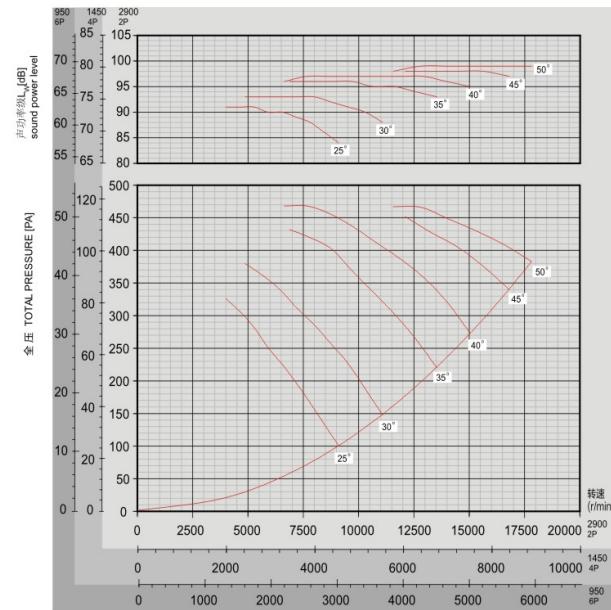
叶轮直径 Wheel diameter	D = 500 mm
叶片数量 Number of blades	Z = 3
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	0.63	0.92	1.39	1.73	2.31	2.85	-11	-4	-8	-9	-11	-14	-17	-20
	0.75	1.1	1.5	2.2	3	3								
1450 motor	0.08	0.12	0.18	0.22	0.3	0.36	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.55								
950 motor	0.02	0.034	0.051	0.06	0.09	0.11	-4	-9	-7	-8	-10	-13	-16	-20
	0.37	0.37	0.37	0.37	0.37	0.37								



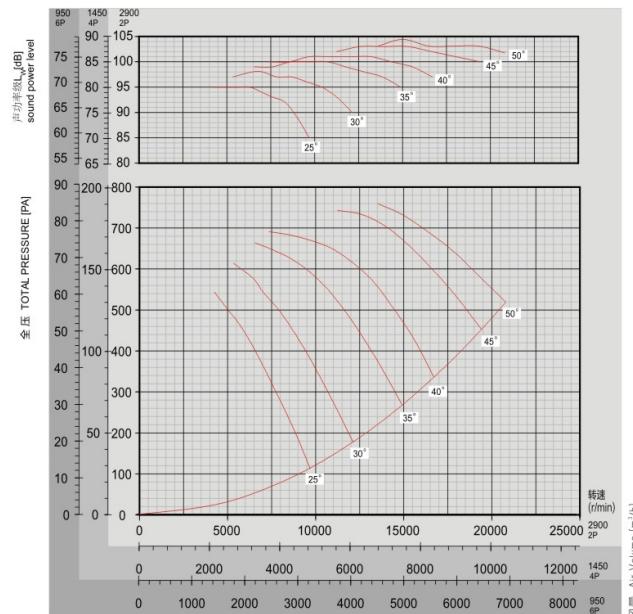
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 500 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口, 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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



(注: 25°电机叶片安装角度为50°时不能选取)

峰值吸收功率 P_{Lmax} Peak absorbed power (kw)

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]									
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
2900 motor	1.14	1.63	2.37	2.89	3.87	-	-11	-4	-8	-9	-11	-14	-17	-20	
1.5 2.2	3	4	4												
1450 motor	0.15	0.21	0.3	0.37	0.49	0.6	-	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.55	0.55	0.75										
950 motor	0.04	0.06	0.088	0.11	0.14	0.17	-	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37										



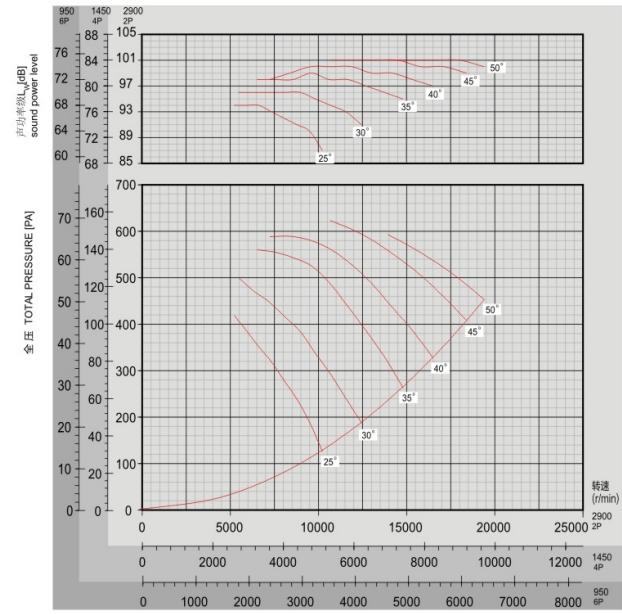
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 500 mm
叶片数量 Number of blades	Z = 4
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口, 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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{Lmax} Peak absorbed power (kw)

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]									
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
2900 motor	0.98	1.38	2.01	2.42	3.23	3.94	-	-11	-10	-2	-9	-11	-14	-17	-20
1.1 1.5	2.2	3	4	4	5.5										
1450 motor	0.13	0.18	0.26	0.31	0.41	0.5	-	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.55	0.55									
950 motor	0.051	0.075	0.09	0.12	0.15	-	-4	-9	-7	-8	-10	-14	-17	-20	
0.37	0.37	0.37	0.37	0.37	0.37										



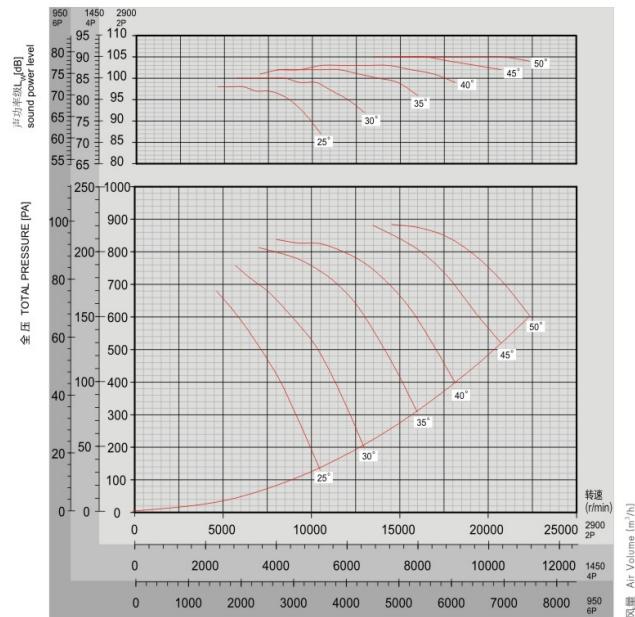
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 500 mm
叶片数量 Number of blades	Z = 8
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	1.69	2.31	3.28	4.03	5.37	6.3	-11	-10	-8	-3	-11	-14	-17	-20
2.2 3	4	5.5	7.5	7.5										
1450 motor	0.22	0.3	0.42	0.51	0.69	0.8	-11	-10	-2	-9	-11	-14	-17	-20
0.37	0.37	0.55	0.55	0.75	1.1									
950 motor	0.06	0.086	0.12	0.15	0.2	0.23	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									



技术参数 Technical Data

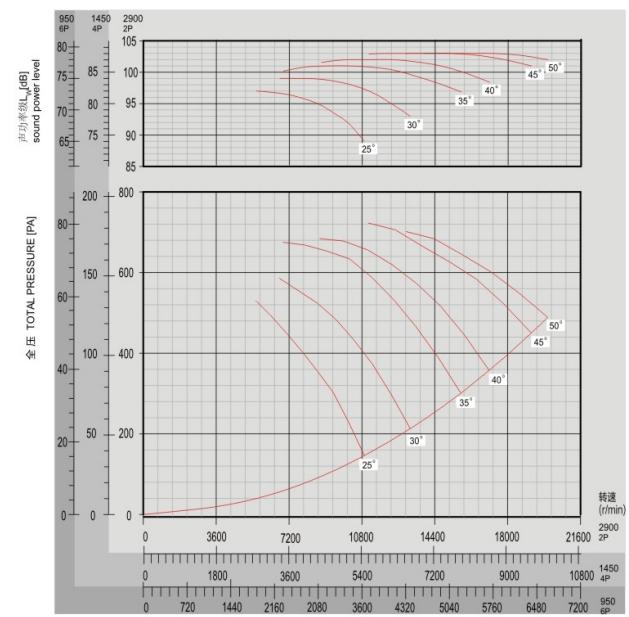
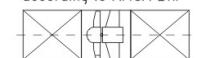
叶轮直径 Wheel diameter	D = 500 mm
叶片数量 Number of blades	Z = 5
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	1.4	1.95	2.69	3.23	4.22	4.92	-11	-10	-2	-9	-11	-14	-17	-20
1.5 2.2	2.2	3	4	5.5	5.5									
1450 motor	0.179	0.248	0.343	0.412	0.539	0.63	-11	-4	-8	-9	-11	-14	-17	-20
0.37	0.37	0.37	0.37	0.37	0.37									
950 motor	0.052	0.072	0.1	0.12	0.156	0.182	-4	-9	-7	-8	-10	-13	-16	-19
0.37	0.37	0.37	0.37	0.37	0.37									



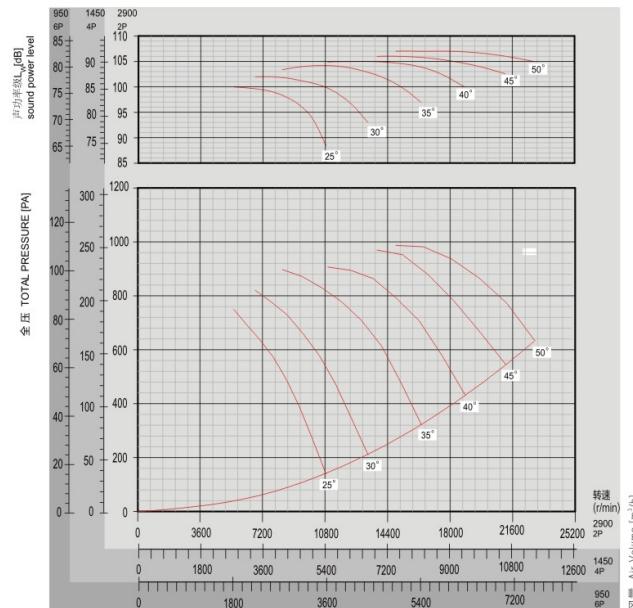
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 500 mm
叶片数量 Number of blades	Z = 10
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声功率级额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	2.2	2.98	4.15	5.13	6.65	7.81	-11	-10	-8	-3	-10	-14	-17	-20
3 motor	3	4	5.5	5.5	7.5	11								
1450 motor	0.284	0.38	0.529	0.655	0.849	0.995	-11	-10	-2	-9	-11	-14	-17	-20
0.37 motor	0.37	0.55	0.55	0.75	1.1	1.1								
950 motor	0.082	0.11	0.154	0.19	0.247	0.289	-11	-4	-8	-9	-11	-14	-17	-20
0.37 motor	0.37	0.37	0.37	0.37	0.37	0.37								



技术参数 Technical Data

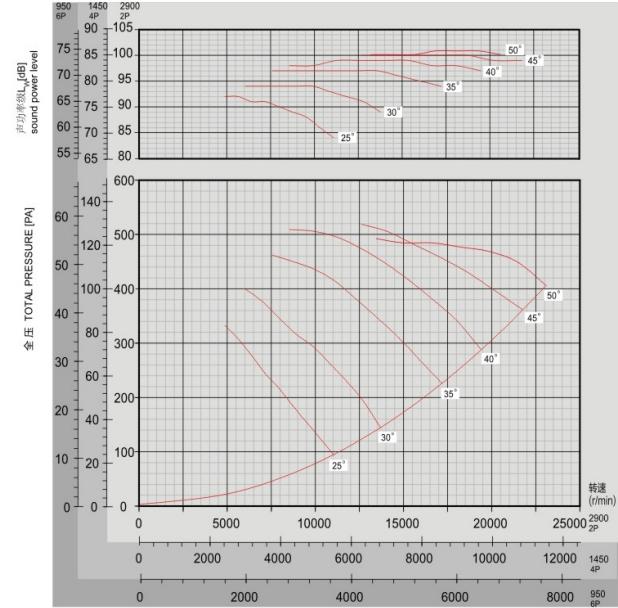
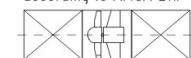
叶轮直径 Wheel diameter	D = 560 mm
叶片数量 Number of blades	Z = 3
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声功率级额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



(注: 2号电机叶片安装角度为50°时不能选取)

峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	0.79	1.19	1.82	2.38	2.77	3.13	-11	-4	-8	-9	-11	-14	-17	-20
1.1 motor	1.5	2.2	3	4	5.5									
950 motor	0.10	0.15	0.23	0.30	0.40	0.49	-4	-9	-7	-8	-10	-13	-16	-19
0.37 motor	0.37	0.37	0.37	0.37	0.55	0.55								
720 motor	0.03	0.04	0.07	0.09	0.12	0.14	-4	-9	-7	-8	-10	-13	-16	-19
0.37 motor	0.37	0.37	0.37	0.37	0.37	0.37								



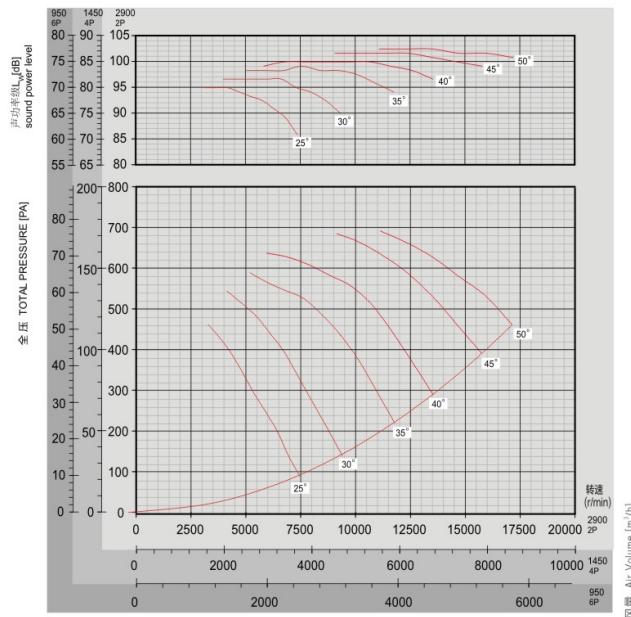
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 560 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



(注: 2极电机叶片安装角度为40°、45°、50°时不能选取)

峰值吸收功率 PLmax Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	1.72	2.15	3.18				-11	-10	-2	-9	-11	-14	-17	-20
	2.2	3	4											
950 motor	0.18	0.28	0.41	0.53	0.69	0.87	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.55	0.75	0.75	1.1								
720 motor	0.05	0.08	0.12	0.15	0.20	0.25	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								



技术参数 Technical Data

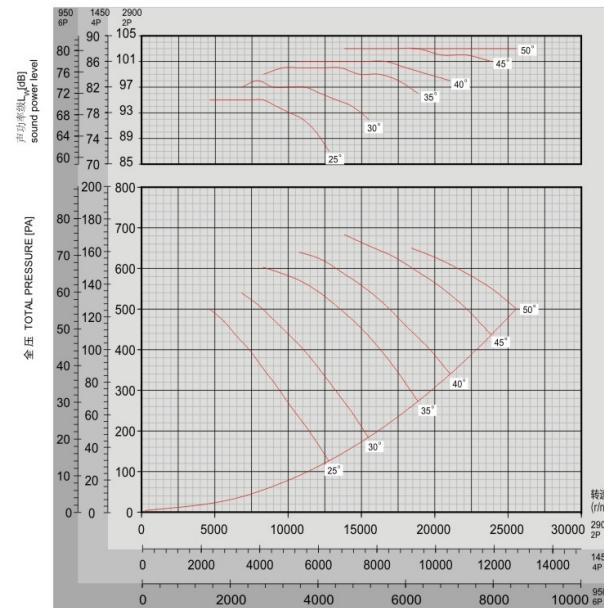
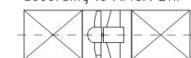
叶轮直径 Wheel diameter	D = 560 mm
叶片数量 Number of blades	Z = 4
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 PLmax Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	0.79	1.19	1.82	2.38	2.77	3.13	-11	-10	-2	-9	-11	-14	-17	-20
	1.5	2.2	3	4	5.5	7.5								
950 motor	0.16	0.23	0.34	0.42	0.58	0.71	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.55	0.75	1.1							
720 motor	0.05	0.07	0.1	0.12	0.17	0.21	-4	-9	-7	-8	-10	-13	-16	-19
	0.37	0.37	0.37	0.37	0.37	0.37								



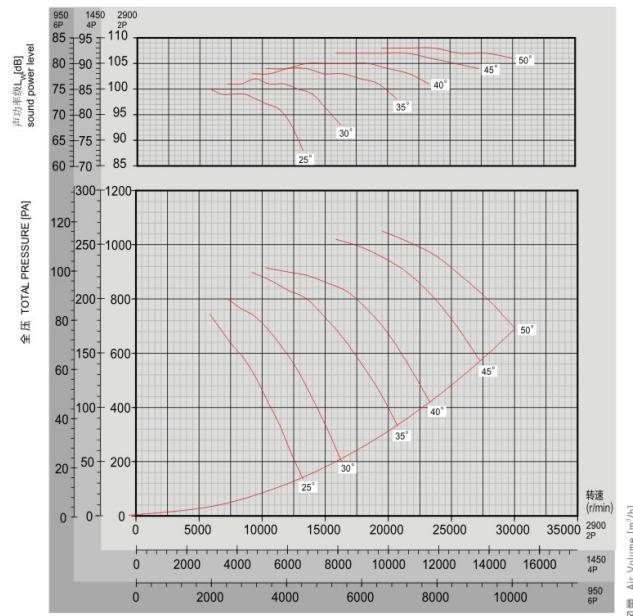
技术参数 Technical Data

叶轮直径	Wheel diameter	D = 560 mm
叶片数量	Number of blades	Z = 8
轮毂数量	Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . Sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口, 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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]									
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
1450 motor	2.17	3.07	4.47	5.67	7.56	8.98	-11	-10	-8	-3	-11	-14	-17	-20	
	3	4	5.5	7.5	11	11									
950 motor	0.28	0.39	0.57	0.72	0.97	1.15	-11	-10	-2	-9	-11	-14	-17	-20	
	0.37	0.55	0.75	1.1	1.1	1.5									
720 motor	0.08	0.11	0.17	0.09	0.21	0.33	-4	-9	-7	-8	-10	-13	-16	-19	
	0.37	0.37	0.37	0.37	0.37	0.37									



技术参数 Technical Data

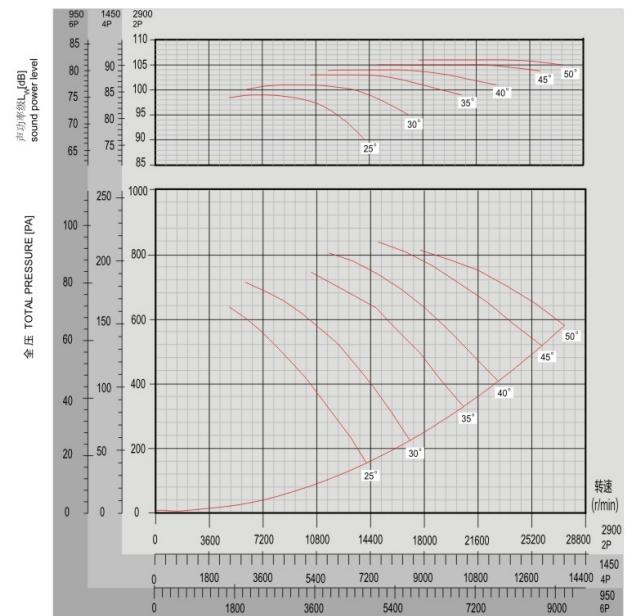
叶轮直径	Wheel diameter	D = 560 mm
叶片数量	Number of blades	Z = 5
轮毂数量	Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . Sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口, 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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]									
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
2900 motor	1.8	2.64	3.87	4.65	6.12	7.29	-11	-10	-2	-9	-11	-14	-17	-20	
	2.2	3	4	5.5	7.5	11									
1450 motor	0.231	0.337	0.493	0.593	0.781	0.93	-11	-4	-8	-9	-11	-14	-17	-20	
	0.37	0.37	0.55	0.75	1.1	1.1									
950 motor	0.067	0.098	0.143	0.172	0.227	0.27	-4	-9	-7	-8	-10	-13	-16	-19	
	0.37	0.37	0.37	0.37	0.37	0.37									



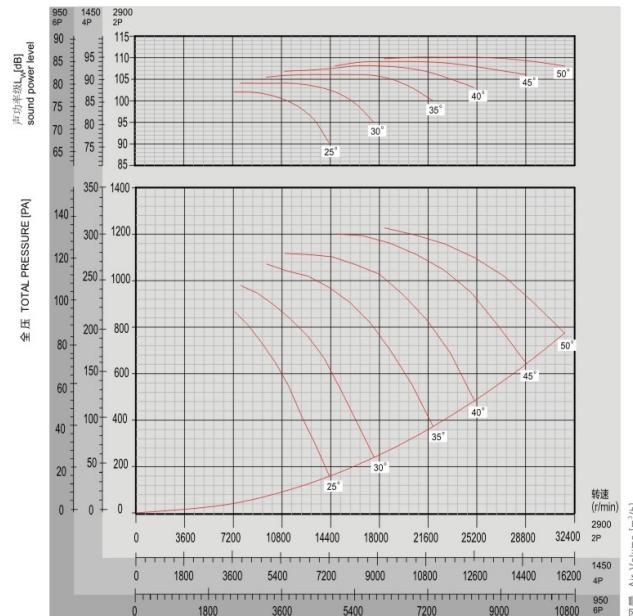
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 560 mm
叶片数量 Number of blades	Z = 10
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	3.09	4.3	6.03	7.85	9.87	11.8	-11	-10	-8	-3	-10	-14	-17	-20
1450 motor	0.394	0.549	0.77	1	1.26	1.5	-11	-10	-9	-9	-11	-14	-17	-20
950 motor	0.115	0.159	0.223	0.27	0.365	0.436	-11	-4	-8	-9	-11	-14	-17	-20
720 motor	0.37	0.37	0.37	0.37	0.55	0.55	-11	-4	-8	-9	-11	-14	-17	-20



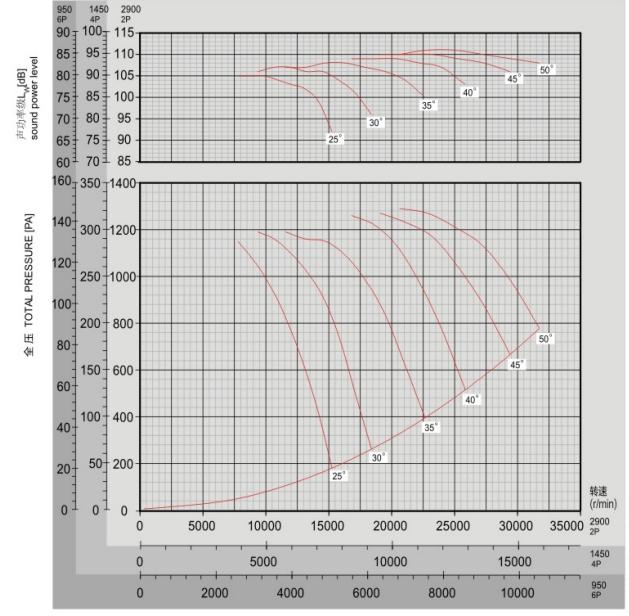
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 560 mm
叶片数量 Number of blades	Z = 14
轮毂数量 Number of hubs	Z = 14

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	2.17	3.07	4.47	5.67	7.56	8.98	-11	-10	-2	-9	-11	-14	-17	-20
950 motor	0.63	0.83	1.08	0.37	1.71	2.0	-11	-10	-2	-9	-11	-14	-17	-20
720 motor	0.18	0.24	0.31	0.40	0.50	0.58	-11	-10	-2	-9	-11	-14	-17	-20
2900 motor	0.37	0.37	0.37	0.55	0.55	1.1	-11	-10	-2	-9	-11	-14	-17	-20



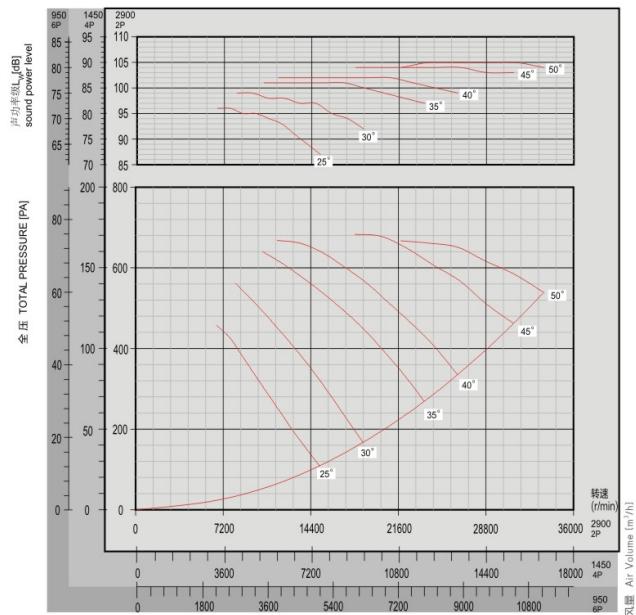
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 630 mm
叶片数量 Number of blades	Z = 4
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度/pitch angle [°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	1.52	2.24	3.51	4.37	6.23	7.51	-12	-11	-2	-10	-12	-15	-18	-21
	2.2	3	4	5.5	7.5	11								
1450 motor	0.194	0.286	0.448	0.559	0.796	0.959	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.37								
950 motor	0.056	0.083	0.130	0.163	0.231	0.278	-4	-9	-7	-8	-10	-13	-16	-19
	0.37	0.37	0.37	0.37	0.37	0.37								



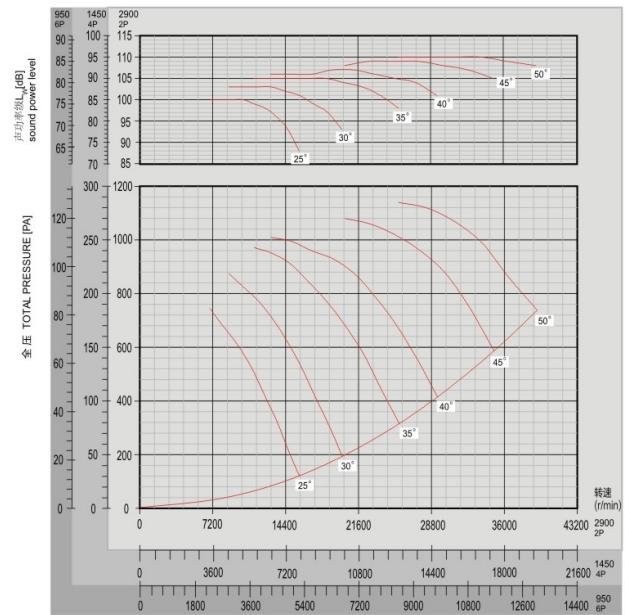
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 630 mm
叶片数量 Number of blades	Z = 8
轮毂数量 Number of hubs	Z = 8

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度/pitch angle [°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	2.69	4.0	6	7.7	10.8	13.2	-11	-10	-8	-3	-11	-14	-17	-20
	3	5.5	7.5	11	11	15								
1450 motor	0.344	0.511	0.766	0.983	1.37	1.68	-11	-10	-2	-9	-11	-14	-17	-20
	0.37	0.55	1.1	1.1	1.5	2.2								
950 motor	0.099	0.148	0.222	0.285	0.398	0.487	-11	-4	-8	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.55	0.55								



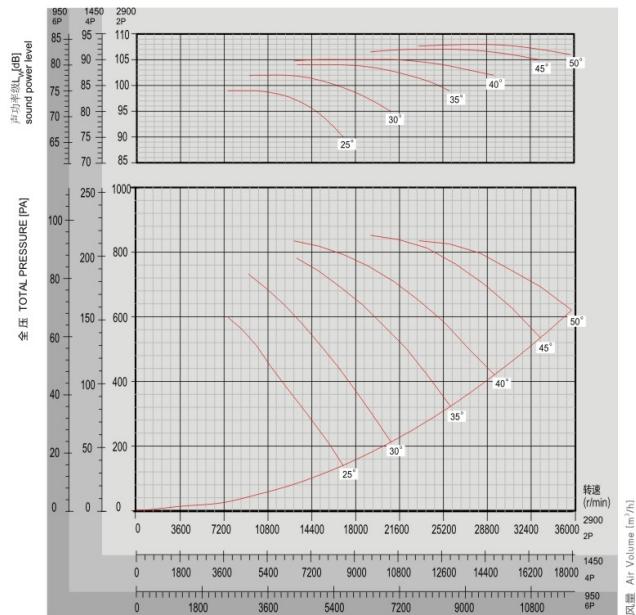
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 630 mm
叶片数量 Number of blades	Z = 5
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw] 相对频谱 Relative Frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	2.27	3.31	4.87	6.15	8.27	10	-11	-10	-2	-9	-11	-14	-17	-20
3 motor	3	4	5.5	7.5	11	11								
1450 motor	0.289	0.421	0.623	0.784	1.05	1.28	-11	-4	-8	-9	-11	-14	-17	-20
motor	0.37	0.55	0.75	1.1	1.1	1.5								
950 motor	0.084	0.123	0.181	0.228	0.306	0.371	-4	-9	-7	-8	-10	-13	-16	-19
motor	0.37	0.37	0.37	0.37	0.37	0.55								



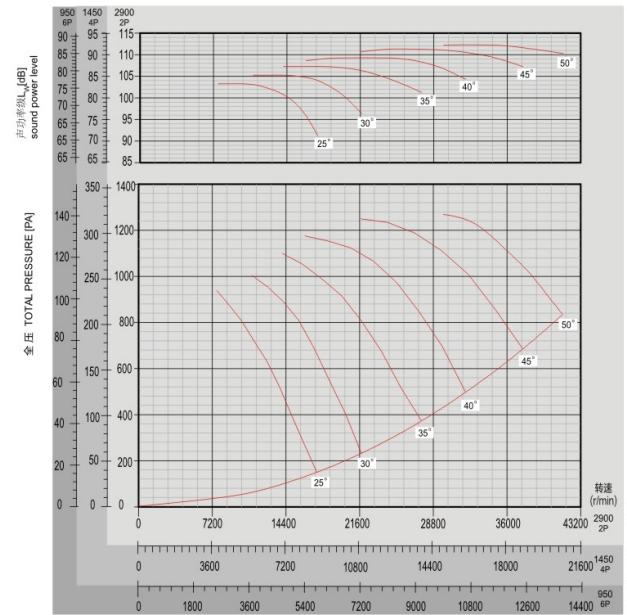
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 630 mm
叶片数量 Number of blades	Z = 10
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw] 相对频谱 Relative Frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900	3.84	5.5	7.78	10.1	13.5	16.7	-11	-10	-8	-3	-11	-14	-17	-20
motor	4	7.5	11	11	15	18.5								
1450	0.49	0.70	0.989	1.29	1.72	2.13	-11	-10	-2	-9	-11	-14	-17	-20
motor	0.55	0.75	1.1	1.5	2.2	2.2								
950	0.142	0.20	0.28	0.374	0.5	0.618	-11	-4	-8	-9	-11	-14	-17	-20
motor	0.37	0.37	0.37	0.37	0.55	0.75								



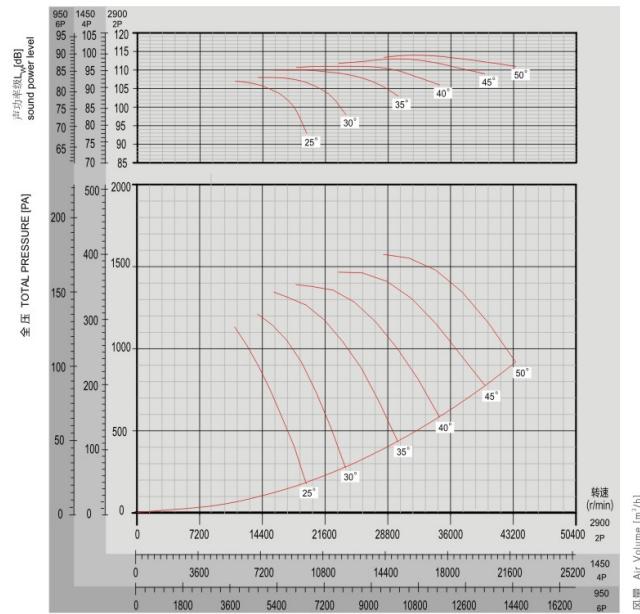
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 630 mm
叶片数量 Number of blades	Z = 14
轮毂数量 Number of hubs	Z = 14

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle [°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
2900 motor	6.21	8.76	12	15.2	19.3	23.7	-11	-10	-8	-3	-11	-14	-17	-20
	7.5	11	15	18.5	22	30								
1450 motor	0.792	1.12	1.53	1.94	2.46	3.02	-11	-10	-2	-9	-11	-14	-17	-20
	1.1	1.5	2.2	2.2	3	4								
950 motor	0.23	0.324	0.443	0.564	0.713	0.877	-11	-10	-2	-9	-11	-14	-17	-20
	0.37	0.37	0.55	0.75	0.75	1.1								



技术参数 Technical Data

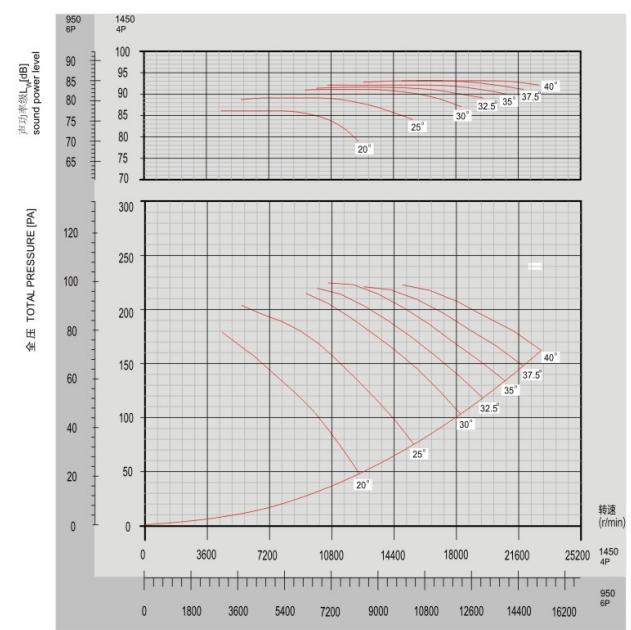
叶轮直径 Wheel diameter	D = 710 mm
叶片数量 Number of blades	Z = 3
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle [°]							八倍频中心频率/Octave b.midfr.[Hz]							
	20°	25°	30°	32.5°	35°	37.5°	40°	63	125	250	500	1K	2K	4K	8K
1450 motor	0.431	0.65	0.899	1.04	1.21	1.38	1.62	-4	-9	-7	-8	-10	-13	-16	-19
	0.75	0.75	1.1	1.1	1.5	1.5	2.2								
950 motor	0.126	0.191	0.262	0.304	0.346	0.401	0.47	-11	-10	-2	-9	-11	-14	-17	-20
	0.37	0.37	0.37	0.37	0.37	0.55	0.55								



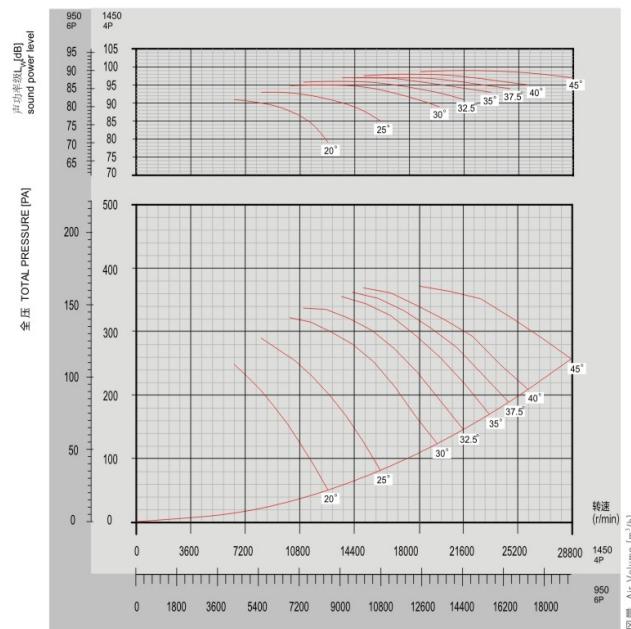
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 710 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . A sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声性能额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz] 63 125 250 500 1K 2K 4K 8K
	20°	25°	30°	32.5°	35°	37.5°	40°	45°	
1450 motor	0.746	1.1	1.58	1.82	2.13	2.35	2.6	3.32	-4 -9 -7 -8 -10 -13 -16 -19
950 motor	0.217	0.323	0.458	0.526	0.622	0.678	0.76	0.953	-4 -9 -7 -8 -10 -13 -16 -19

相对频谱 Relative frequency Spectrum

技术参数 Technical Data

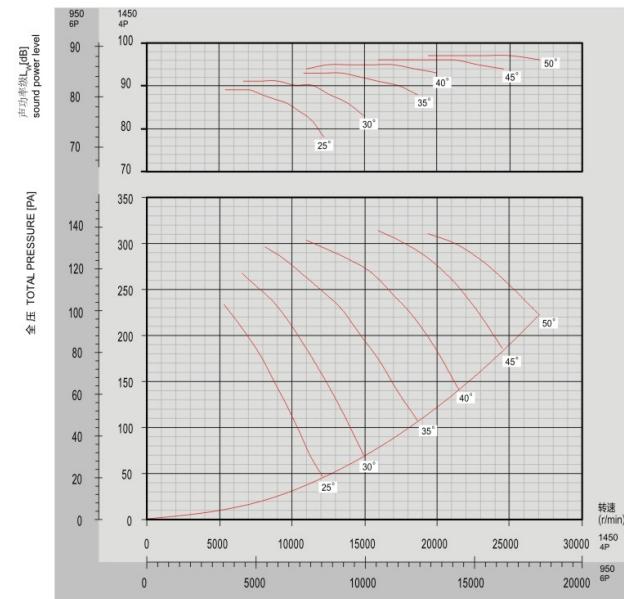
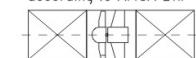
叶轮直径 Wheel diameter	D = 710 mm
叶片数量 Number of blades	Z = 7
轮毂数量 Number of hubs	Z = 14

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . A sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声性能额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 21:



峰值吸收功率 P_{max} Peak absorbed power [kw]

转速 (r/min)	角度 /pitch angle[°]						八倍频中心频率/Octave b.midfr.[Hz] 63 125 250 500 1K 2K 4K 8K
	25°	30°	35°	40°	45°	50°	
1450 motor	0.625	0.904	1.33	1.75	2.26	2.75	-11 -10 -2 -9 -11 -14 -17 -20
950 motor	0.181	0.262	0.385	0.508	0.656	0.797	-11 -10 -2 -9 -11 -14 -17 -20

相对频谱 Relative frequency Spectrum



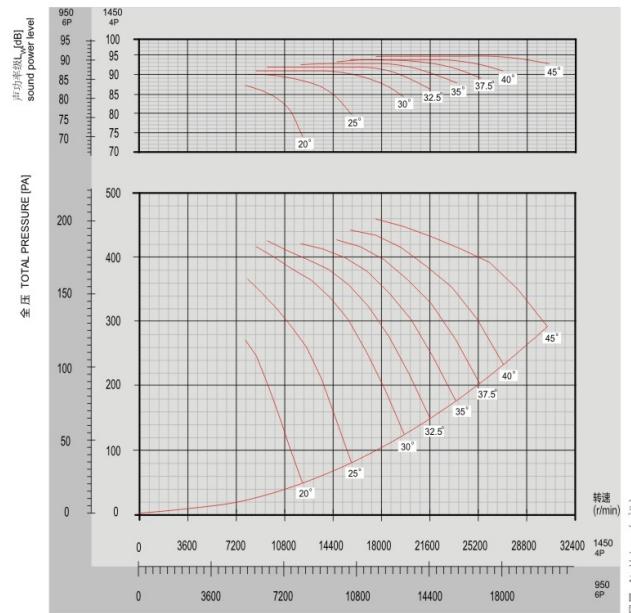
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 710 mm
叶片数量 Number of blades	Z = 9
轮毂数量 Number of hubs	Z = 9

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



技术参数 Technical Data

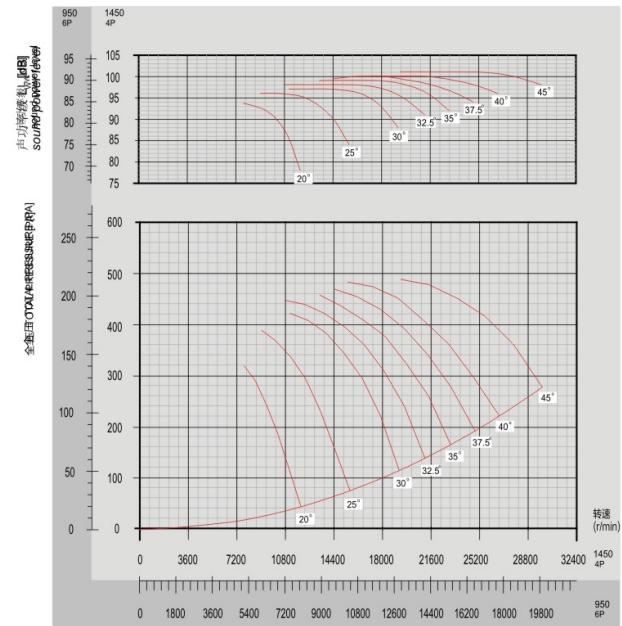
叶轮直径 Wheel diameter	D = 710 mm
叶片数量 Number of blades	Z = 12
轮毂数量 Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	20°	25°	30°	32.5°	35°	37.5°	40°	45°	63	125	250	500	1K	2K	4K	8K
1450	0.942	1.38	1.91	2.21	2.54	2.87	3.23	3.87	-4	-9	-7	-8	-10	-13	-16	-19
motor	1.5	1.5	2.2	3	3	4	4	5.5								
950	0.277	0.402	0.56	0.64	0.733	0.829	0.939	1.1	-11	-10	-2	-9	-11	-14	-17	-20
motor	0.37	0.55	0.75	0.75	1.1	1.1	1.1	1.5								

峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	20°	25°	30°	32.5°	35°	37.5°	40°	45°	63	125	250	500	1K	2K	4K	8K
1450	1.26	1.88	2.49	2.86	3.21	3.66	4.11	5.04	-11	-10	-2	-9	-11	-14	-17	-20
motor	1.5	2.2	3	3	4	4	5.5	5.5								
950	0.364	0.536	0.746	0.829	0.939	1.06	1.19	1.46	-11	-10	-2	-9	-11	-14	-17	-20
motor	0.55	0.75	1.1	1.1	1.5	1.5	2.2									



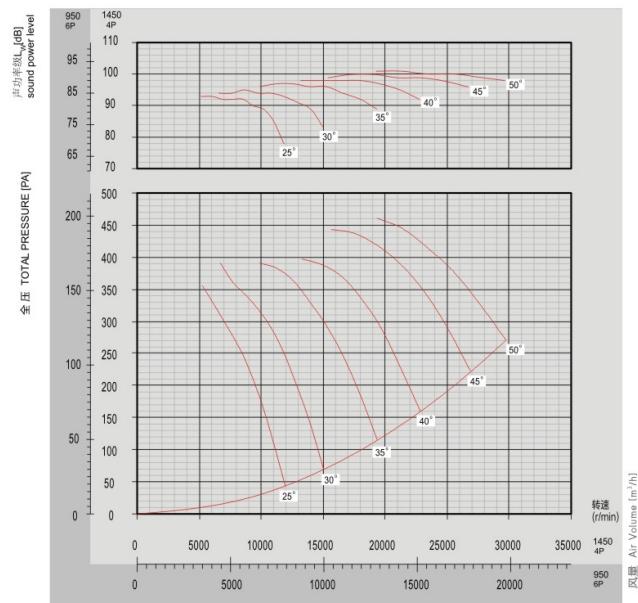
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 710 mm
叶片数量 Number of blades	Z = 14
轮毂数量 Number of hubs	Z = 14

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D; 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]					八倍频中心频率/Octave b.midfr.[Hz]								
	25°	30°	35°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	1.01	1.41	2.03	2.69	3.55	4.27	-4	-9	-7	-8	-10	-13	-16	-19
950 motor	0.292	0.41	0.588	0.782	1.03	1.24	-4	-9	-7	-8	-10	-13	-16	-19
	0.37	0.55	0.75	1.1	1.5	1.5								



技术参数 Technical Data

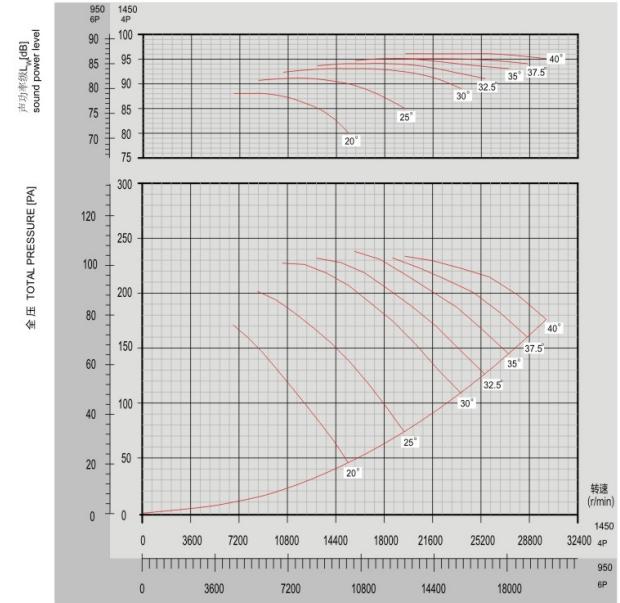
叶轮直径 Wheel diameter	D = 800 mm
叶片数量 Number of blades	Z = 3
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D; 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 21:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]							八倍频中心频率/Octave b.midfr.[Hz]							
	20°	25°	30°	32.5°	35°	37.5°	40°	63	125	250	500	1K	2K	4K	8K
1450 motor	0.554	0.857	1.23	1.42	1.64	1.9	2.18	-4	-9	-7	-8	-10	-13	-16	-19
950 motor	0.16	0.246	0.353	0.415	0.477	0.545	0.635	-4	-9	-7	-8	-10	-13	-16	-19
	0.55	0.55	0.55	0.55	0.55	0.75	0.75								



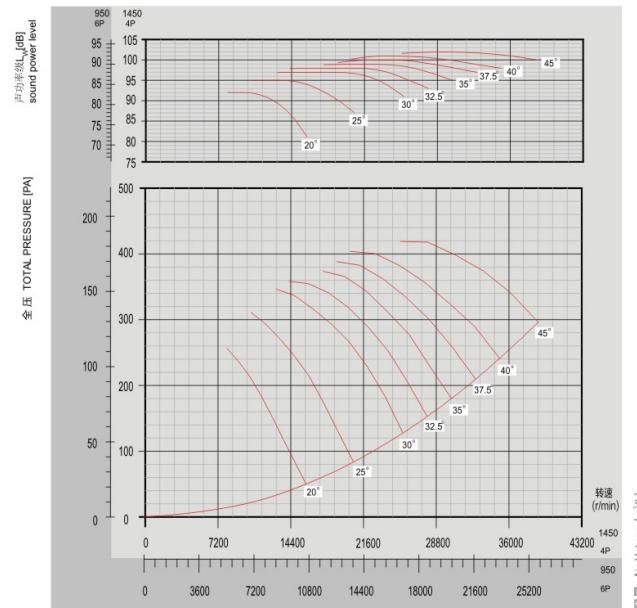
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 800 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声功率级额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	20°	25°	30°	32.5°	35°	37.5°	40°	45°	63	125	250	500	1K	2K	4K	8K
1450 motor	0.973	1.49	2.13	2.48	2.88	3.32	3.76	4.8	-11	-4	-8	-9	-11	-14	-17	-20
950 motor	0.283	0.435	0.619	0.723	0.839	0.952	1.08	1.38	-11	-4	-8	-9	-11	-14	-17	-20



技术参数 Technical Data

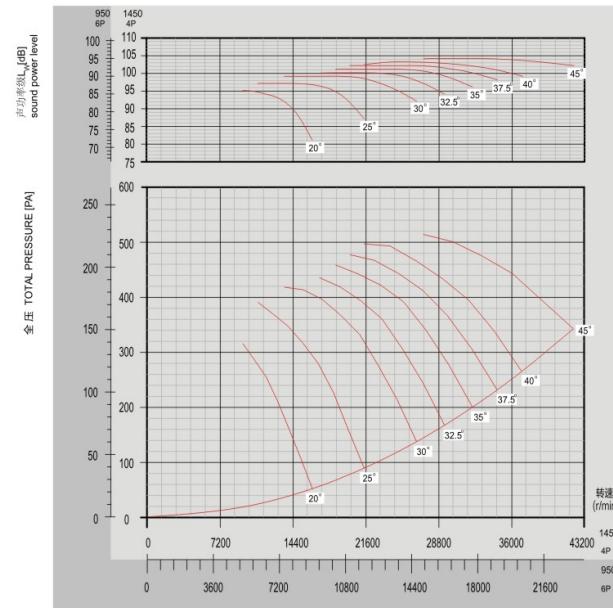
叶轮直径 Wheel diameter	D = 800 mm
叶片数量 Number of blades	Z = 9
轮毂数量 Number of hubs	Z = 9

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声功率级额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	20°	25°	30°	32.5°	35°	37.5°	40°	45°	63	125	250	500	1K	2K	4K	8K
1450 motor	1.33	2.02	2.76	3.34	4.03	4.53	5.08	6.18	-11	-10	-2	-9	-11	-14	-17	-20
950 motor	0.39	0.587	0.801	0.969	1.17	1.32	1.47	1.8	-11	-4	-8	-9	-11	-14	-17	-20



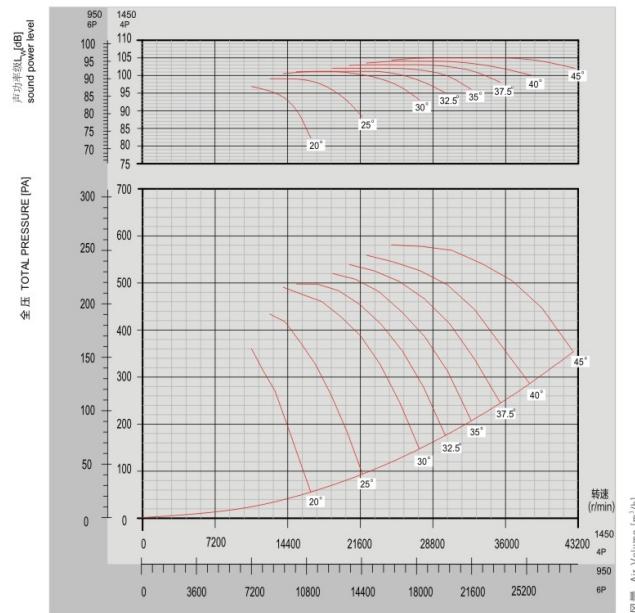
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 800 mm
叶片数量 Number of blades	Z = 12
轮毂数量 Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	20°	25°	30°	32.5°	35°	37.5°	40°	45°	63	125	250	500	1K	2K	4K	8K
1450	1.8	2.73	3.8	4.35	4.97	5.59	6.35	7.8	-11	-10	-2	-9	-11	-14	-17	-20
motor	2.2	3	4	5.5	5.5	7.5	7.5	11	-11	-10	-2	-9	-11	-14	-17	-20

950	0.517	0.789	1.1	1.26	1.44	1.63	1.84	2.25	-11	-10	-2	-9	-11	-14	-17	-20
motor	0.75	1.5	1.5	1.5	2.2	2.2	2.2	3	-11	-10	-2	-9	-11	-14	-17	-20



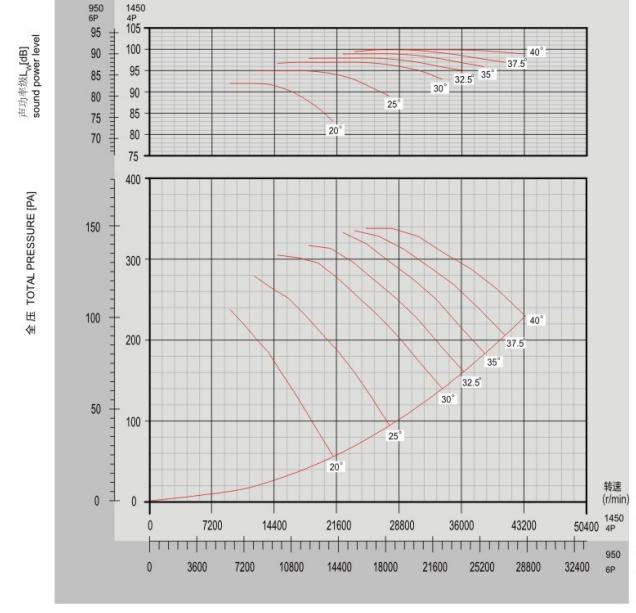
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 900 mm
叶片数量 Number of blades	Z = 4
轮毂数量 Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]								
	20°	25°	30°	32.5°	35°	37.5°	40°	45°	63	125	250	500	1K	2K	4K	8K	
1450	1.04	1.65	2.37	2.71	3.11	3.78	4.67	-	-11	-4	-8	-9	-11	-14	-17	-20	
motor	2.2	2.2	3	3	4	4	4	5.5	-	-11	-4	-8	-9	-11	-14	-17	-20

950	0.302	0.479	0.689	0.788	0.903	1.1	1.36	-	-4	-9	-7	-8	-10	-13	-16	-19
motor	0.55	0.55	0.75	1.1	1.1	1.5	1.5	-	-	-	-	-	-	-	-	-



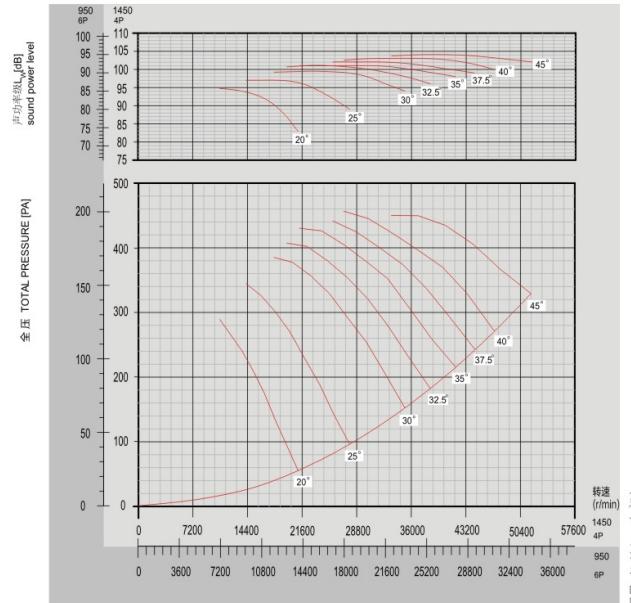
技术参数 Technical Data

叶轮直径	Wheel diameter	D = 900 mm
叶片数量	Number of blades	Z = 6
轮毂数量	Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]						
	20°	25°	30°	32.5°	35°	37.5°	40°	45°							
1450	1.04	1.65	2.37	2.71	3.11	3.78	4.67	-11	-4	-8	-9	-11	-14	-17	-20
motor	2.2	2.2	3	3	4	4	5.5								
950	0.302	0.479	0.689	0.788	0.903	1.1	1.36	-11	-4	-8	-9	-11	-14	-17	-20
motor	0.55	0.55	0.75	1.1	1.1	1.5	1.5								



技术参数 Technical Data

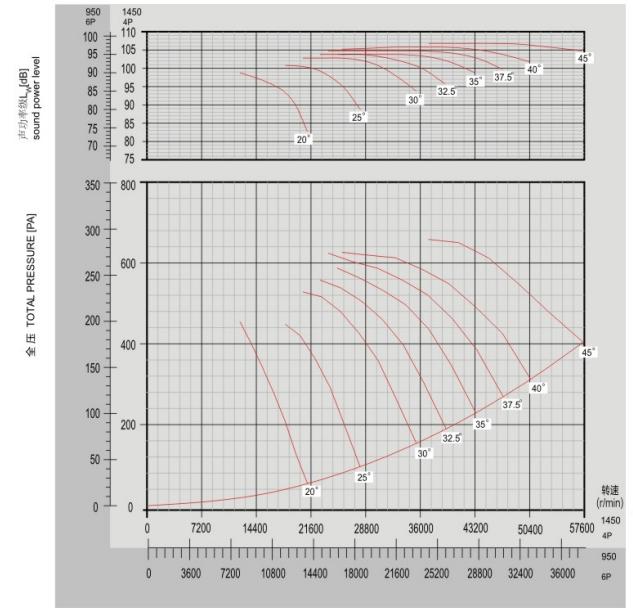
叶轮直径	Wheel diameter	D = 900 mm
叶片数量	Number of blades	Z = 12
轮毂数量	Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 21:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]
	20°	25°	30°	32.5°	35°	37.5°	40°	45°	
1450	2.48	3.69	5.02	5.98	7.09	8.06	9.13	11.6	63 125 250 500 1K 2K 4K 8K
motor	3	4	5.5	7.5	7.5	11	11	15	-11 -10 -2 -9 -11 -14 -17 -20
950	0.723	1.08	1.46	1.74	2.06	2.34	2.65	3.35	
motor	1.1	1.5	2.2	2.2	3	3	3	4	-11 -10 -2 -9 -11 -14 -17 -20



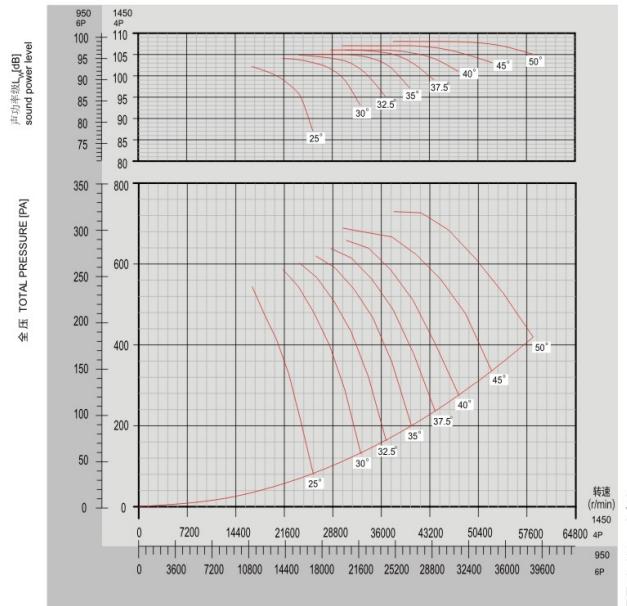
技术参数 Technical Data

叶轮直径	Wheel diameter	D = 900 mm
叶片数量	Number of blades	Z = 16
轮毂数量	Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装：管道入口，管道出口，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国际标准301计算。所示值为安装类型D：管道入口，管道出口的声功率级(入口 L_{WA})，额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450	4.83	6.93	8.04	9.25	10.6	12	14.9	18.6	-11	-10	-8	-3	-11	-14	-17	-20
motor	5.5	7.5	11	11	11	15	18.5	22								
950	1.45	2	2.34	2.69	3.07	3.5	4.33	5.39	-11	-10	-2	-9	-11	-14	-17	-20
motor	2.2	2	3	3	4	4	5.5	7.5								



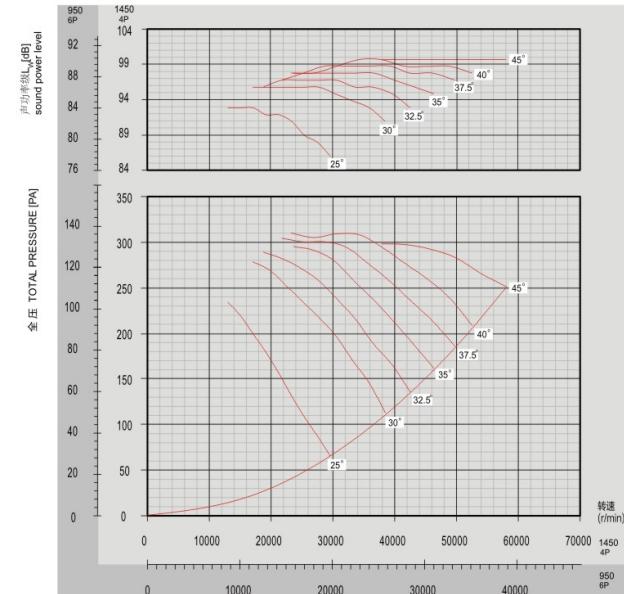
技术参数 Technical Data

叶轮直径	Wheel diameter	D = 1000 mm
叶片数量	Number of blades	Z = 3
轮毂数量	Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装：管道入口，管道出口，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国际标准301计算。所示值为安装类型D：管道入口，管道出口的声功率级(入口 L_{WA})，额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	63	125	250	500	1K	2K	4K	8K	
1450	1.5	2.36	2.81	3.33	3.92	4.74	6.39	-4	-9	-7	-8	-10	-13	-16	-19	
motor	2.2	3	3	4	5.5	5.5	7.5									
950	0.435	0.684	0.815	0.967	1.14	1.37	1.86	-4	-9	-7	-8	-10	-13	-16	-19	
motor	0.55	0.75	1.1	1.1	1.5	1.5	2.2									



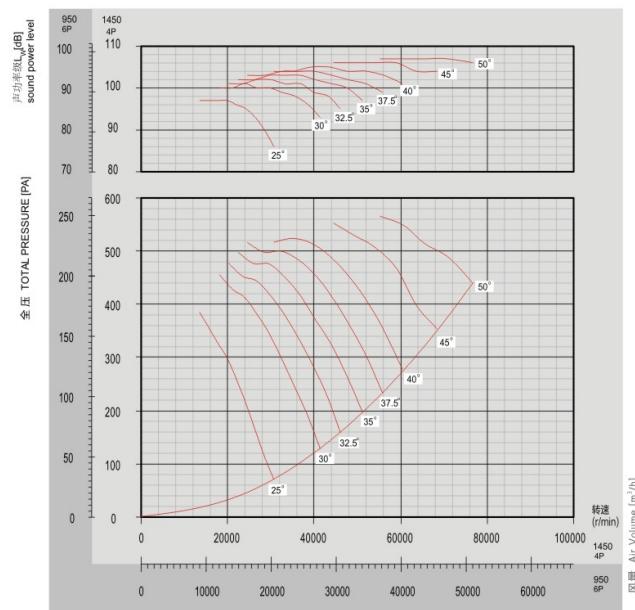
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1000 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 6

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle [°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	1.5	2.36	2.81	3.33	3.92	4.74	6.39	-11	-4	-8	-9	-11	-14	-17	-20	
950 motor	0.435	0.684	0.815	0.967	1.14	1.37	1.86	-11	-4	-8	-9	-11	-14	-17	-20	
	0.55	0.75	1.1	1.1	1.5	1.5	2.2									



技术参数 Technical Data

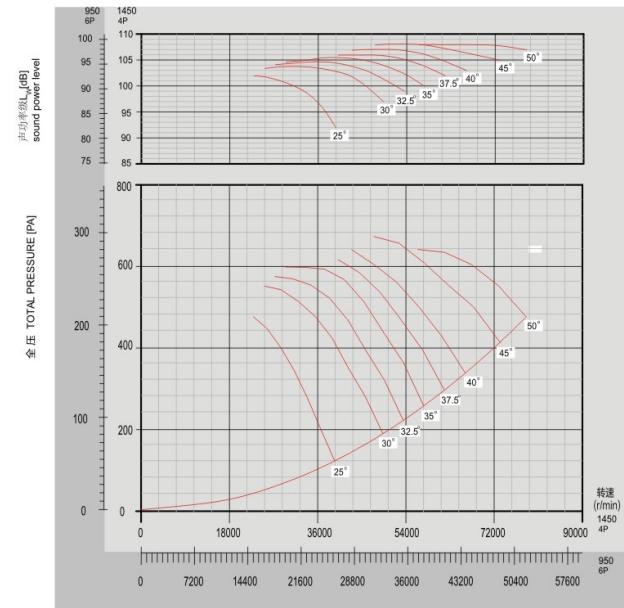
叶轮直径 Wheel diameter	D = 1000mm
叶片数量 Number of blades	Z = 8
轮毂数量 Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle [°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	5.11	7.43	8.87	10.4	12	13.7	17.3	21.3	-11	-10	-8	-3	-11	-14	-17	-20
950 motor	5.5	11	11	15	15	15	18.5	30	-11	-4	-8	-9	-11	-14	-17	-20
	1.49	2.16	2.57	3.03	3.48	3.98	5.05	6.2								
	2.2	3	3	4	4	5.5	5.5	7.5								



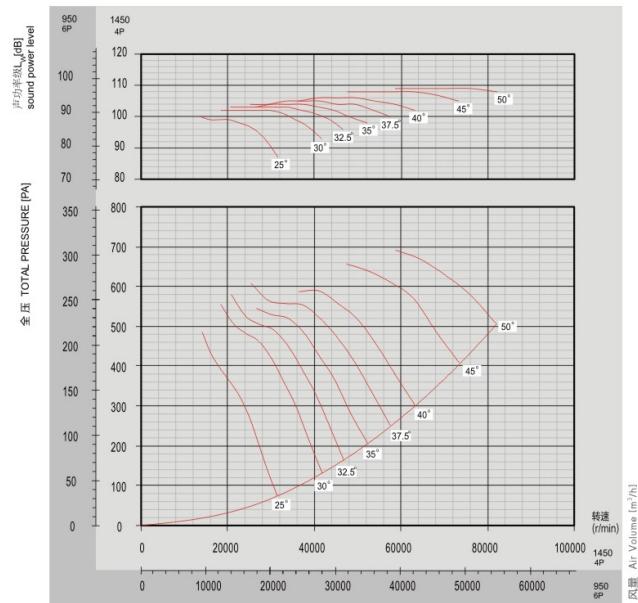
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1000 mm
叶片数量 Number of blades	Z = 9
轮毂数量 Number of hubs	Z = 9

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]									八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
1450 motor	3.44	5.37	6.28	7.32	8.7	10.4	13.9	18.1	-11	-10	-2	-9	-11	-14	-17	-20	
950 motor	1	1.56	1.82	2.13	2.52	3.01	4.02	5.25	-11	-4	-8	-9	-11	-14	-17	-20	
	1.1	2	2	3	3	4	5.5	5.5									



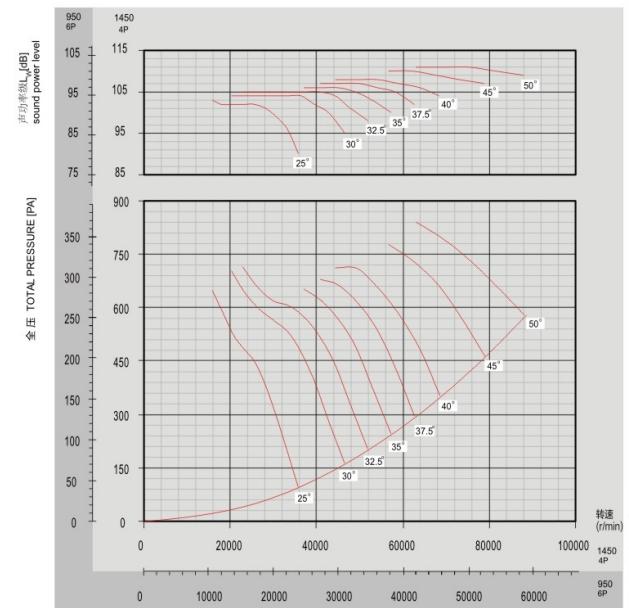
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1000 mm
叶片数量 Number of blades	Z = 12
轮毂数量 Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]									八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
1450 motor	5.52	7.93	9.29	10.9	12.9	15.1	24.5	24.5	-12	-11	-2	-10	-12	-15	-18	-21	
950 motor	7.5	11	11	15	15	18.5	22	30	-11	-10	-2	-9	-11	-14	-17	-20	
	2.2	3	3	4	4	5.5	7.5	7.5									



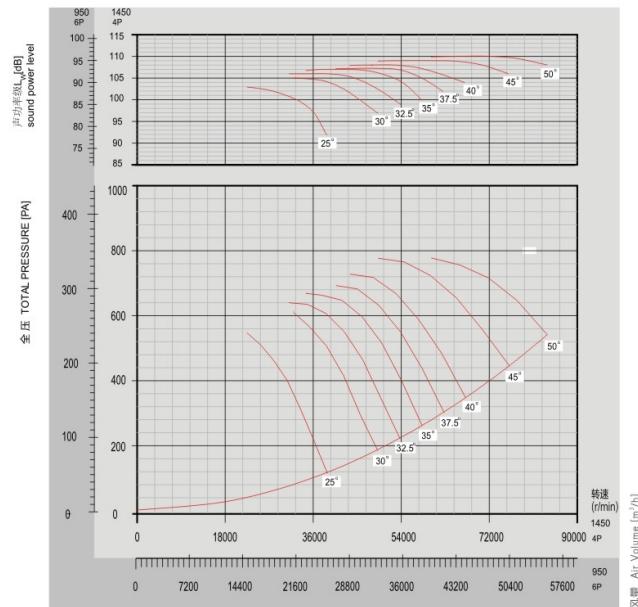
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1000mm
叶片数量 Number of blades	Z = 12
轮毂数量 Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D; 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450	6.65	9.15	10.8	12.9	14.8	16.8	21.5	26.6	-11	-10	-2	-9	-11	-14	-17	-20
motor	7.5	11	15	15	18.5	18.5	30	30								
950	1.93	2.65	3.15	3.75	4.28	4.88	6.24	7.73	-11	-10	-2	-9	-11	-14	-17	-20
motor	3	3	4	4	5.5	5.5	7.5	11								



技术参数 Technical Data

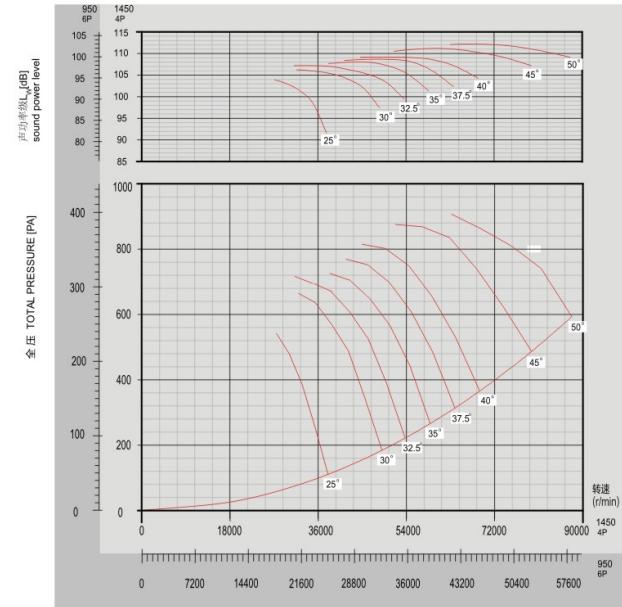
叶轮直径 Wheel diameter	D = 1000mm
叶片数量 Number of blades	Z = 16
轮毂数量 Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D; 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450	7.86	11.1	13	15	17.2	19.8	25.8	31.5	-11	-10	-8	-3	-11	-14	-17	-20
motor	11	15	15	18.5	18.5	22	30	37								
950	2.25	3.25	3.78	4.35	4.99	5.74	7.48	9.14	-11	-10	-2	-9	-11	-14	-17	-20
motor	3	4	4	5.5	5.5	7.5	11	11								



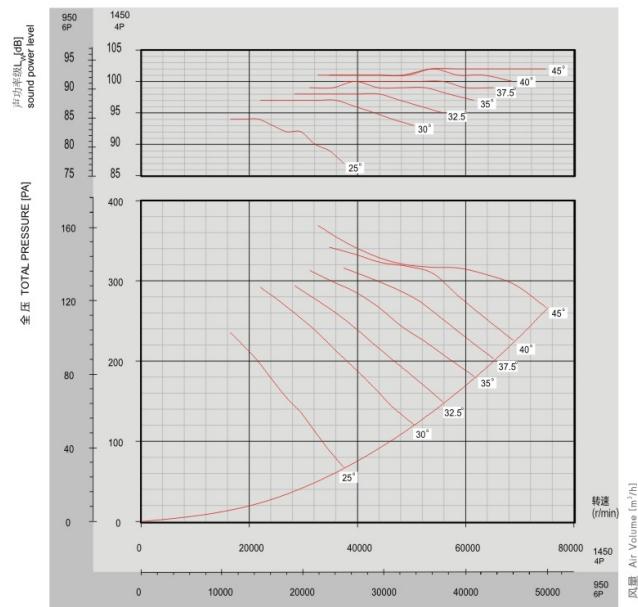
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1120 mm
叶片数量 Number of blades	Z = 3
轮毂数量 Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声性能额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	2.2	3.56	4.23	5.25	6.15	7.39	10.6	-4	-9	-7	-8	-10	-13	-16	-19	
950 motor	0.638	1.03	1.23	1.53	1.8	2.03	3.07	-4	-9	-7	-8	-10	-13	-16	-19	

相对频谱 Relative frequency Spectrum

技术参数 Technical Data

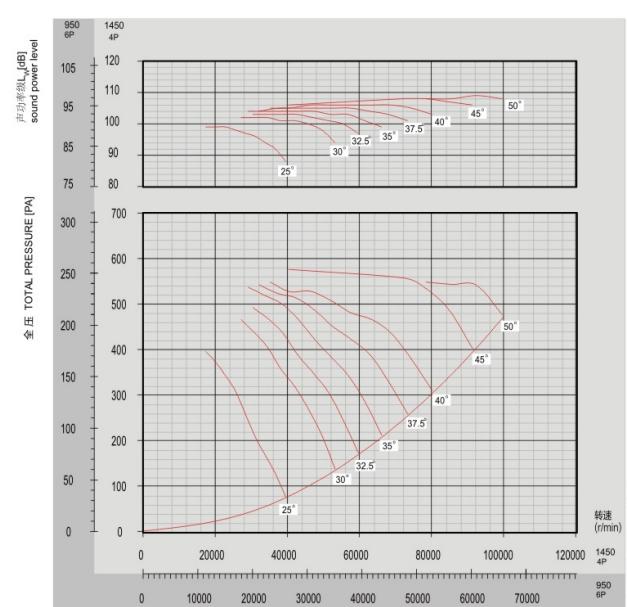
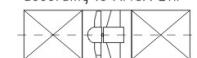
叶轮直径 Wheel diameter	D = 1120 mm
叶片数量 Number of blades	Z = 6
轮毂数量 Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声性能额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	4.12	6.95	8.22	10	11.2	13.7	18.7	23.8	-11	-4	-8	-9	-11	-14	-17	-20
950 motor	5.5	7.5	11	11	15	15	22	30	-11	-4	-8	-9	-11	-14	-17	-20



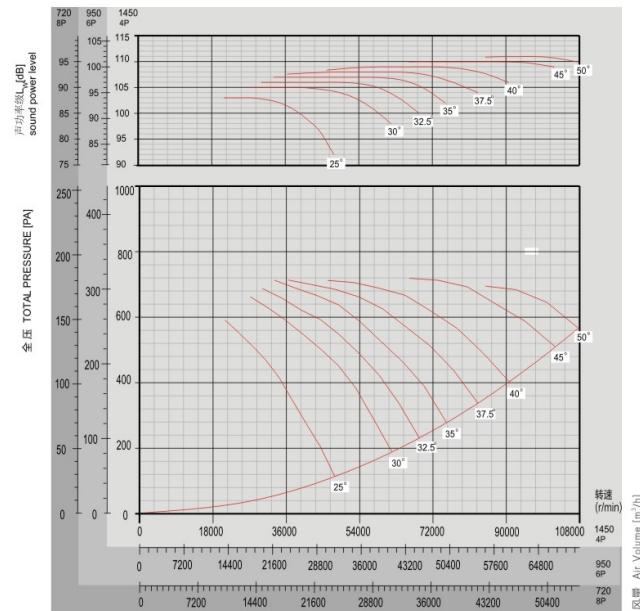
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1120 mm
叶片数量 Number of blades	Z = 8
轮毂数量 Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	6.9	10.9	12.6	14.5	16.7	19.4	26.2	33.3	-11	-10	-2	-9	-11	-14	-17	-20
950 motor	7.5	15	15	18.5	18.5	22	30	45								
720 motor	2.01	3.16	3.65	4.2	4.85	5.63	7.58	9.67	-11	-4	-8	-9	-11	-14	-17	-20
	2.2	4	4	5.5	5.5	7.5	11	11								
	0.885	1.39	1.61	1.85	2.13	2.48	3.34	4.25	-11	-4	-8	-9	-11	-14	-17	-20
motor	1.1	2.2	2.2	2.2	3	3	4	5.5								



技术参数 Technical Data

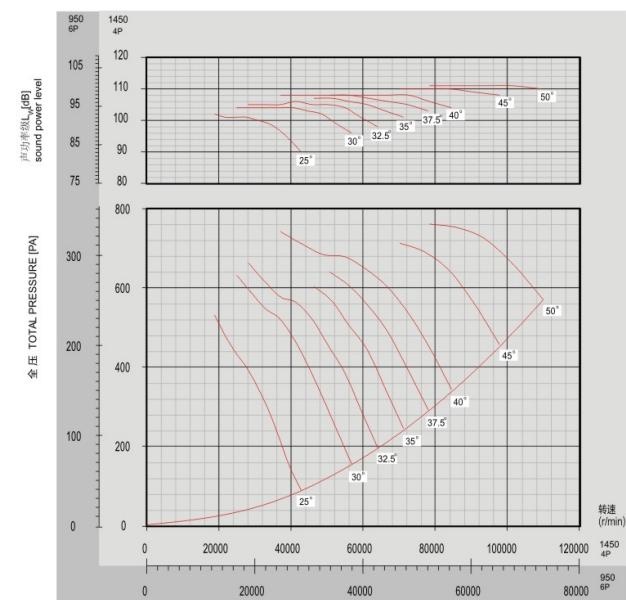
叶轮直径 Wheel diameter	D = 1120 mm
叶片数量 Number of blades	Z = 9
轮毂数量 Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	5.03	8.33	10.1	12	14.3	17	21.9	28.1	-11	-10	-2	-9	-11	-14	-17	-20
950 motor	5.5	11	11	15	15	18.5	30	30								



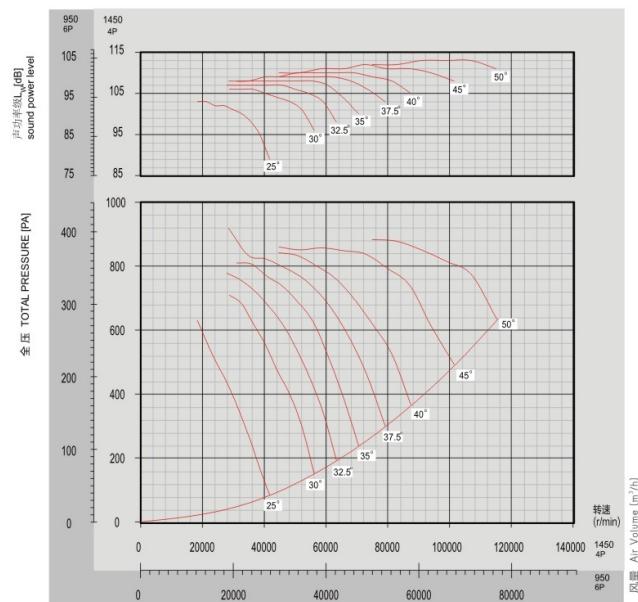
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1120 mm
叶片数量 Number of blades	Z = 12
轮毂数量 Number of hubs	Z = 12

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . Sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]									八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
1450 motor	6.39	11.3	13.2	15.7	18.2	21.4	27.7	34.5	-11	-10	-2	-9	-11	-14	-17	-20	
950 motor	7.5	15	15	18.5	22	30	30	37	-11	-10	-2	-9	-11	-14	-17	-20	



技术参数 Technical Data

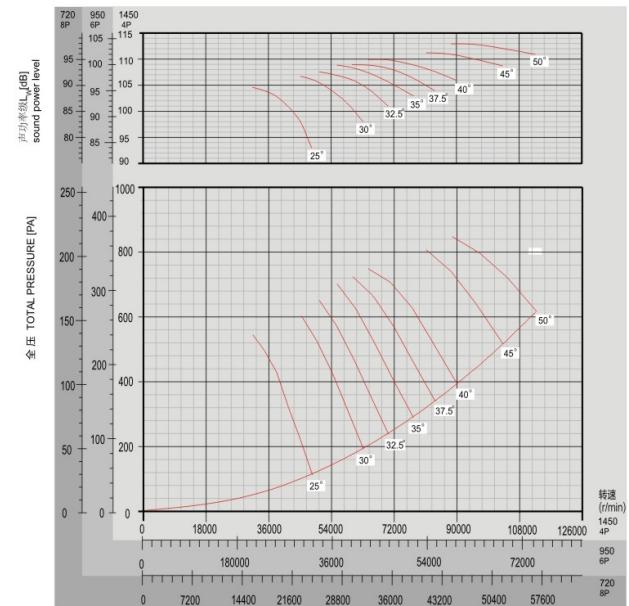
叶轮直径 Wheel diameter	D = 1120 mm
叶片数量 Number of blades	Z = 12
轮毂数量 Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . Sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。

Measured in installation D according to AMCA 211:



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]									八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
1450 motor	8.5	12.8	15.2	18	20.3	23.4	30.3	38.3	-11	-10	-2	-9	-11	-14	-17	-20	
950 motor	2.45	3.72	4.41	5.22	5.88	6.78	8.8	11.1	-11	-10	-2	-9	-11	-14	-17	-20	



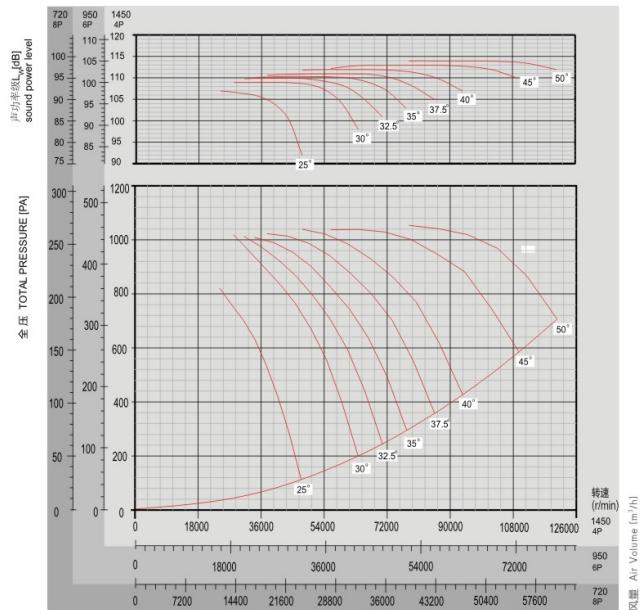
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1120 mm
叶片数量 Number of blades	Z = 16
轮毂数量 Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle [°]									八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
1450 motor	11	17.1	19.8	23	25.8	29.5	38.6	48.3	-11	-10	-8	-3	-11	-14	-17	-20	
950 motor	15	18.5	22	30	30	37	45	55	-11	-10	-2	-9	-11	-14	-17	-20	
720 motor	3.2	4.98	5.75	6.69	7.42	8.57	11.2	14	-11	-10	-2	-9	-11	-14	-17	-20	
	4	5.5	7.5	7.5	11	11	15	15	-11	-10	-2	-9	-11	-14	-17	-20	
	1.41	2.19	2.51	2.94	3.29	3.77	4.93	6.15	-11	-10	-2	-9	-11	-14	-17	-20	
	1.5	3	3	4	4	4	5.5	7.5	-11	-10	-2	-9	-11	-14	-17	-20	



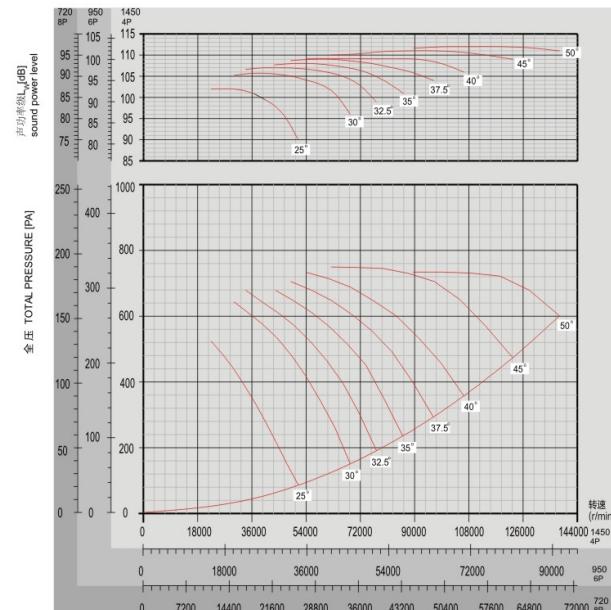
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1250mm
叶片数量 Number of blades	Z = 8
轮毂数量 Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle [°]									八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K	
1450 motor	7.57	11.8	14.4	17.7	21	24.7	33.5	44.1	-11	-10	-2	-9	-11	-14	-17	-20	
950 motor	11	15	18.5	22	30	30	37	45	-11	-10	-2	-9	-11	-14	-17	-20	
720 motor	2.2	3.41	4.18	5.13	6.1	7.18	9.71	12.8	-11	-4	-8	-9	-11	-14	-17	-20	
	3	4	5.5	5.5	7.5	11	11	15	-11	-4	-8	-9	-11	-14	-17	-20	
	0.966	1.49	1.84	2.25	2.68	3.16	4.27	5.67	-11	-4	-8	-9	-11	-14	-17	-20	
	2.2	2.2	2.2	3	3	4	5.5	7.5	-11	-4	-8	-9	-11	-14	-17	-20	



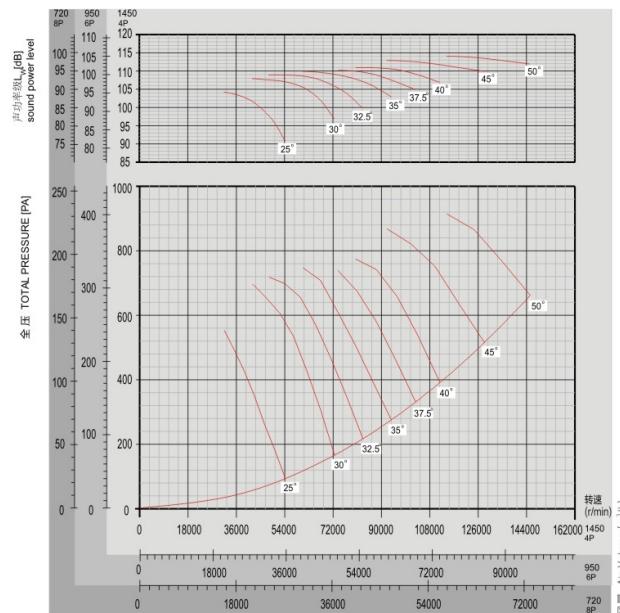
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1250mm
叶片数量 Number of blades	Z = 12
轮毂数量 Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声性能额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	8.5	14.6	17.5	21.4	24.6	28.9	38.7	50.4	-11	-10	-2	-9	-11	-14	-17	-20
11	18.5	22	30	30	37	45	55									
950 motor	2.47	4.24	5.17	6.21	7.13	8.38	11.2	14.6	-11	-10	-2	-9	-11	-14	-17	-20
3	5.5	5.5	7.5	7.5	11	15	18.5									
720 motor	1.09	1.86	2.28	2.73	3.14	3.69	4.95	6.43	-11	-4	-8	-9	-11	-14	-17	-20
2.2	2.2	3	3	4	4	5.5	7.5									



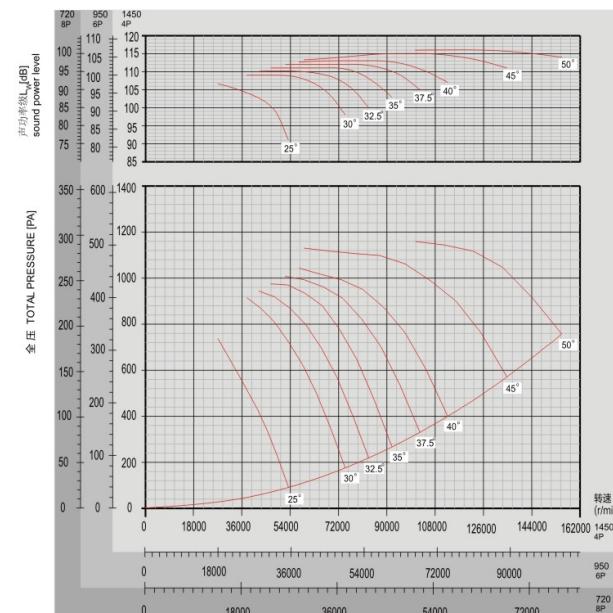
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1250mm
叶片数量 Number of blades	Z = 16
轮毂数量 Number of hubs	Z = 16

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声性能额定值已按AMCA国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{wA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{Lmax} Peak absorbed power [kw]

转速 (r/min)	角度 /pitch angle[°]								八倍频中心频率/Octave b.midfr.[Hz]							
	25°	30°	32.5°	35°	37.5°	40°	45°	50°	63	125	250	500	1K	2K	4K	8K
1450 motor	11.3	18.3	22.1	26.7	30.9	35.7	49.1	65.1	-11	-10	-8	-3	-11	-14	-17	-20
15	22	30	30	37	45	55										
950 motor	3.31	5.31	6.44	7.75	8.99	10.4	14.2	18.9	-11	-10	-2	-9	-11	-14	-17	-20
4	7.5	7.5	11	11	11	18.5	22									
720 motor	1.45	2.34	2.83	3.41	3.95	4.56	6.27	8.31	-11	-10	-2	-9	-11	-14	-17	-20
2.2	2.2	3	3	4	4	5.5	7.5	11								

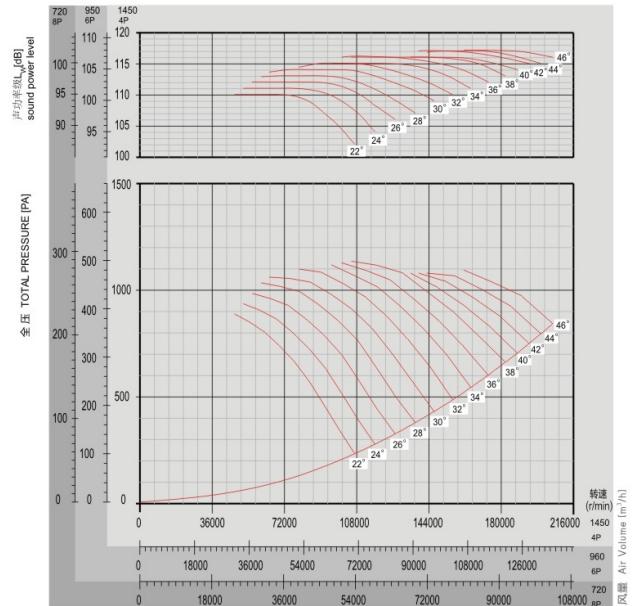


技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1400mm
叶片数量 Number of blades	Z = 5
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . Sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.
D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声功率级(L_{WA})。声功率级包含管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle [°]												八倍频中心频率 /Octave b.midfr.[Hz]								
22	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	63	125	250	500	1K	2K	4K	8K
1450	25.1	28.6	32.1	35.9	39.9	45.6	50.8	57	63.2	68.4	70.7	79.3	96.5	-11	-4	-8	-9	-11	-14	-17	-20
motor	30	30	37	45	45	55	55	55	75	75	75	75	90	110							
950	7.33	8.29	9.26	10.5	11.7	13.3	14.8	16.4	18.3	20	22	24.9	27.9	-4	-9	-7	-8	-10	-13	-16	-19
motor	11	11	11	15	15	15	18.5	18.5	22	22	30	30	30								
720	3.21	3.65	4.1	4.61	5.19	5.85	6.53	7.25	8.1	8.78	9.68	11	12.3	-4	-9	-7	-8	-10	-13	-16	-19
motor	4	4	5.5	5.5	5.5	7.5	7.5	11	11	11	11	15	15								

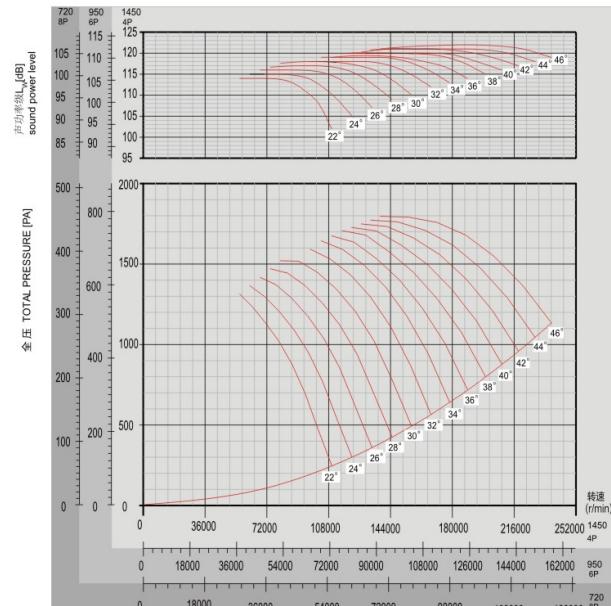


技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1400mm
叶片数量 Number of blades	Z = 10
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} . Sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.
D类安装: 管道入口, 管道出口。各项性能额定值不包括附属物(附件)的影响。所示A加权声功率级(L_{WA})。声功率级包含管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle [°]												八倍频中心频率 /Octave b.midfr.[Hz]								
22	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	63	125	250	500	1K	2K	4K	8K
1450	38.4	43.3	49	55.1	62.9	71.7	80.2	89.1	98.4	108	118	128	140	-11	-10	-2	-9	-11	-14	-17	-20
motor	45	55	55	75	75	90	90	110	110	132	132	160	160								
950	11.2	12.6	14.3	15.9	18.2	20.7	23.2	26	28.4	31	34.3	37.6	40.9	-11	-4	-8	-9	-11	-14	-17	-20
motor	15	15	15	18.5	22	22	30	30	30	37	37	45	45								
720	4.9	5.5	6.26	7.04	8.02	9.14	10.3	11.4	12.5	13.7	15	16.3	17.9	-11	-4	-8	-9	-11	-14	-17	-20
motor	5.5	7.5	7.5	7.5	11	11	11	15	15	15	18.5	18.5	22								



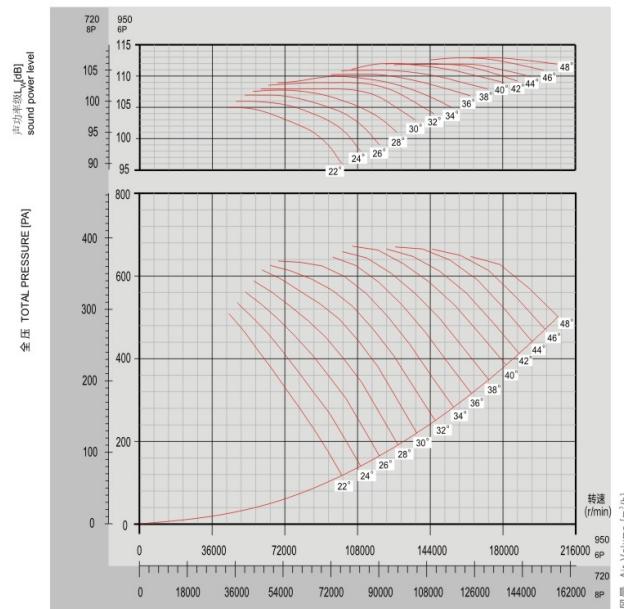
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1600 mm
叶片数量 Number of blades	Z = 5
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]												八倍频中心频率 /Octave b.midfr.[Hz]	
	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°
950 motor	10.7	12.4	14.4	16.6	19.3	22	24.9	27.8	30.8	34	37.2	41	45	48.9
720 motor	4.67	5.46	6.34	7.32	8.5	9.67	10.9	12.2	13.5	15	16.3	18	19.8	
	5.5	7.5	7.5	11	11	11	15	15	15	18.5	18.5	22	22	



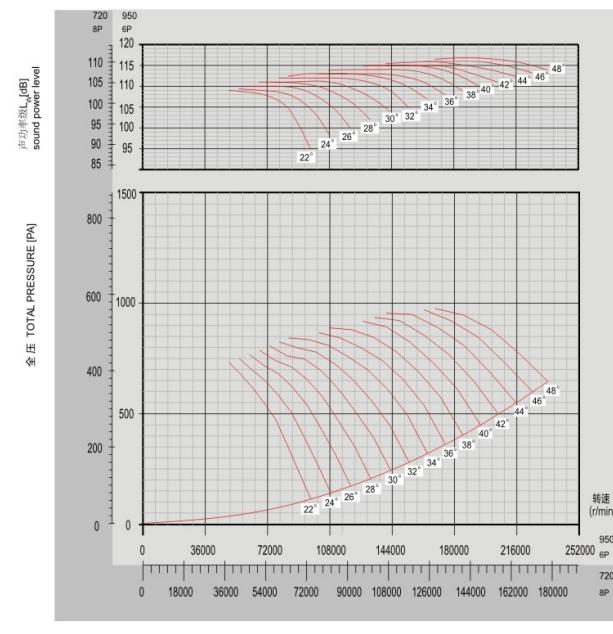
技术参数 Technical Data

叶轮直径 Wheel diameter	D = 1600 mm
叶片数量 Number of blades	Z = 10
轮毂数量 Number of hubs	Z = 10

性能曲线 Performance Curves

Type D: ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{WA} sound power levels for installation Type D: ducted inlet, ducted outlet. Ratings include the effects of duct correction.

D类安装: 管道入口, 管道出口。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国际标准301计算。所示值为安装类型D: 管道入口, 管道出口的声功率级(入口 L_{WA})。额定值包括管道端部校正影响。



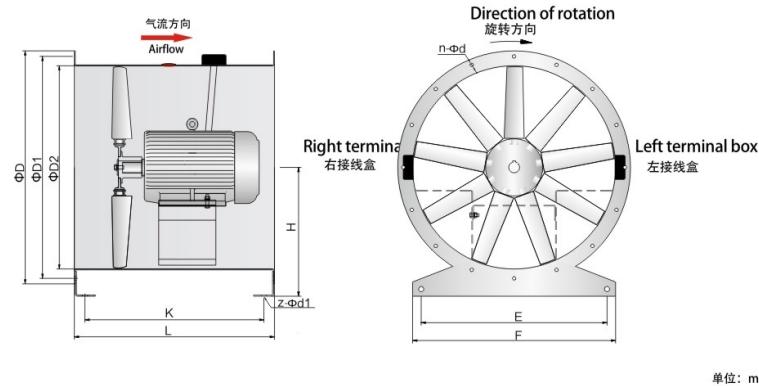
峰值吸收功率 P_{max} Peak absorbed power [kw]

相对频谱 Relative frequency Spectrum

转速 (r/min)	角度 /pitch angle[°]												八倍频中心频率 /Octave b.midfr.[Hz]	
	22°	24°	26°	28°	30°	32°	34°	36°	38°	40°	42°	44°	46°	48°
950 motor	17.8	21	23.9	27.6	31.3	35	38.6	43.2	48.5	54.5	59.8	66	71.5	77.4
720 motor	2.2	2.2	3.0	3.0	3.7	3.7	4.5	5.5	5.5	7.5	7.5	9.0	9.0	
	11	11	15	15	15	15	18.5	18.5	22	30	30	30	37	37



ACF-MA系列轴流风机外形尺寸图



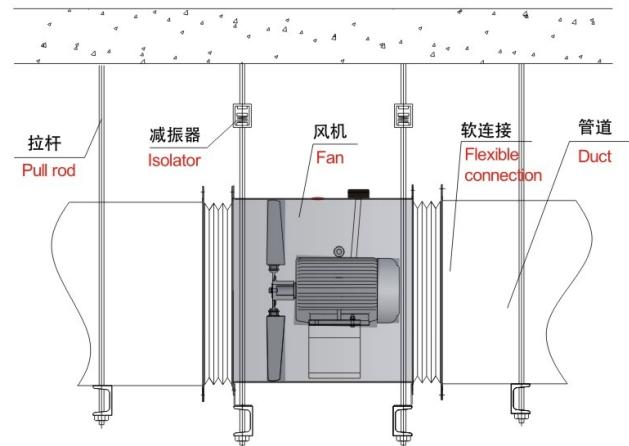
单位: mm

尺寸 型号	ΦD2	ΦD1	ΦD	H	E	F	L	K	n-Φd	z-Φd1	电机 max.
315	320	366	398	205	265	315	420	358	8- Φ 10	4- Φ 10	Y80
355	359	405	438	225	305	355	420	358	8- Φ 10	4- Φ 10	Y80
400	401	448	484	250	350	400	435	373	12- Φ 10	4- Φ 10	Y90
450	450	497	534	280	400	450	435	373	12- Φ 10	4- Φ 10	Y112
500	503	551	584	315	440	500	470	398	12- Φ 10	4- Φ 12	Y112
560	560	629	664	345	500	560	470	398	16- Φ 12	4- Φ 18	Y112
					700	626	700	626	16- Φ 12	4- Φ 18	Y132
630	633	698	734	400	570	630	470	398	16- Φ 12	4- Φ 18	Y112
					700	626	700	626	16- Φ 12	4- Φ 18	Y160
710	710	775	814	450	650	710	470	396	16- Φ 12	4- Φ 18	Y112
					700	626	700	626	16- Φ 12	4- Φ 18	Y132
800	796	861	904	500	730	800	470	386	16- Φ 12	4- Φ 18	Y112
					700	616	700	616	16- Φ 12	4- Φ 18	Y160
900	894	958	1004	580	830	900	565	481	24- Φ 12	4- Φ 18	Y132
					700	616	700	616	24- Φ 12	4- Φ 18	Y160
1000	999	1067	1105	630	930	990	565	479	24- Φ 12	4- Φ 18	Y132
					780	696	780	696	24- Φ 12	4- Φ 18	Y180
1120	1125	1200	1245	690	1050	1110	700	594	24- Φ 12	4- Φ 18	Y160
					1000	894	1000	894	24- Φ 12	4- Φ 18	Y225
1250	1250	1337	1370	750	1180	1240	700	594	24- Φ 12	4- Φ 18	Y160
					1000	894	1000	894	24- Φ 12	4- Φ 18	Y280
1400	1400	1480	1525	850	1330	1390	1000	892	32- Φ 14	6- Φ 18	Y280
1600	1595	1680	1725	930	1530	1590	1000	892	32- Φ 14	6- Φ 18	Y315

ACF-MA series axial flow fan size map



ACF-MA系列轴流风机吊装示意图 ACF-MA series axial flow fan hoisting schematic diagram



ACF-MA系列轴流风机座装示意图 ACF-MA series axial flow fan mounting diagram

