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BK系列箱式风机技术手册 THE BK SERIES BOX-TYPE FAN



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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。

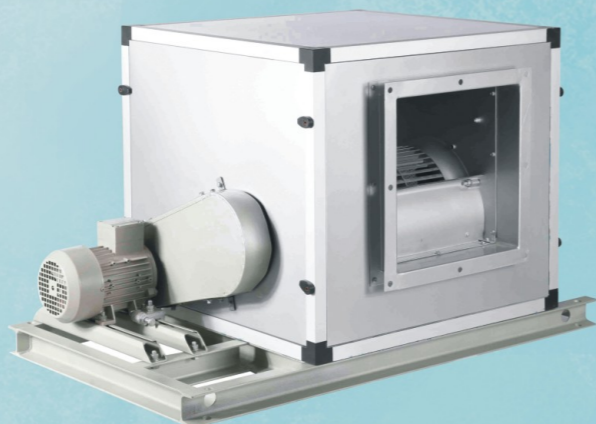
创新是莱恩克公司的活力之源。公司大力倡导创新精神，积极营造尊重知识、尊重人才、尊重创造的良好氛围，在实践中不断推进体制、机制、科技、产品等创新活动，为社会提供更优质的产品和服务。

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 management and employees to serve customers honestly. We advocate to make developments in harmony with the society, customers and partners to build an ever-lasting enterprise.

Innovation is the source of vitality of LION KING. We advocate innovation, and actively make good atmosphere for innovation, such as respecting talents, respecting knowledge, respecting creation. And in practice, we consistently 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 business, employees, customers, partners and the society, which will help us for a long sustainable development.



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概述

BK系列节能低噪声箱式风机是引进德国、英国先进技术,通过本公司吸收、消化、提高而研制成功的箱体式离心风机。具有效率高、噪声低、性能优良、结构新颖、安装方便等优点。

BKF系列为一机两用(通风和消防)型箱式风机,风机在烟气温度达到 280℃ 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,是高层建筑通风及消防、排烟两用的新型产品。

BKW无蜗壳箱式风机是过滤净化系统、管道送排通风的新一代节能型产品,它由单吸式高效后向倾斜式离心叶轮、消音箱体、低噪声风机专用电机组成。具有效率高、噪声低、结构简单、外形美观、安装维修方便等特点。

命名方式

BK - EX 500 D



Summary

BK series fan units are designed and developed on the basis of advanced technology from German and UK. It has the features of high efficiency, low noise, excellent performance, compact structure, easy installation and so on.

BKF 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 ℃, these fans have been tested by the "National Fire Equipment Quality Supervision and Test Center". They are new-types for high-rise buildings for the dual-purpose ventilation.

BKW series are cabinet fan with plug fan, which are new generation of energy-saving products for purification system and ventilation. They consist of high-efficiency backward curved blades, sound insulation cabinet, low-noise motor, and are high efficiency, low noise, simple frame, easy installation.

Nomenclature



铝合金框架结构:
槽钢底座, 坚固不变形;
铝合金型材框架, 拼装简便, 结构坚固, 重量轻;
优质彩钢板或镀锌板加静电喷涂, 抗腐抗锈, 寿命长;
合缝严密, 漏风率小;
箱体采用发泡工艺与隔音棉

科学的箱体设计:
尽量减小间隙和非必要余量, 箱体设计中, 对结构部件进行严格的公差要求, 保证配合精度;
多次对箱体进行改进, 减小间隙, 缩减非必要余量;
但叶轮进风口两侧的流道反而加宽, 使得气流更加顺畅;
电机位置和皮带长度进行精确计算, 不留丝毫非必要余量;
检修门与侧板合二为一, 缩减了机箱体积;

优质部件, 确保高品质和高可靠性
高强度轴, 精车调质, 按照最大转速的150%设计;
铸铁皮带轮, 寿命长;
轴承寿命高达L10: 100000小时;
叶轮平衡高达G2.5;
箱体抗压极限达250Pa, 不变形, 不振动;
人性化设计, 维护工作轻松方便;
检修门与侧板合二为一, 维修空间宽大;
两侧带有检修门, 无需工具即可拆卸;

外形美观:
以流体力学的理论科学引导气流:
提高效率, 降低噪音
符合流体力学的双曲线型文丘里进风口, 大幅降低入口噪音。
提高风机效率:
整体一次成形的叶轮导流口, 加强导流效果.避免气体紊流,
减小噪音:
叶轮与进风口充分吻合, 有效控制气流组织,降低噪音;
出口加装扰流板, 防止回流, 减少气流碰撞, 降低出口噪音;
设计中避开共振频率, 降低因振动产生的噪音;

精确的叶轮平衡
每个叶轮都经过动静平衡检测;
高达G2.5的平衡等级, 有效延长轴承寿命, 减小振动, 降低噪音:

风机箱均为双进风离心风机, BKT&BKD采用板式前弯叶轮, BKQ&BKW采用板式后倾叶轮。这两款产品采用铝合金框架加发泡板结构, 不但结构坚固重量轻, 而且外形美观, 噪音低。在设计中, 尽量减小了非必要的间隙和余量, 使得风机在性能不变的情况下, 体积减小, 进而方便运输和安装。也为用户节省了宝贵的设备安装空间。此外还有很多人性化的周到设计, 更加提高了风机箱的品质, 也将风机与人的融合推向新境界。莱恩克通风志在为客户提供一个安全、可靠、易用、美观的通风产品, 同时也倡导以人为本的通风新概念。

Dual-purpose fans are double inlet centrifugal cabinet fan, The wheel of BKT&BKD is forward curved type, and BKQ&BKW is backward inclined type .The structure of the fan is aluminum frame with insulated painted steep wail housing. You may find our fan not only light but also elegant with low noise. We took the consideration of saving every space so as to reduce fan weight without influence its function which is useful in transportation and installation. What's more, our dual-purpose fans have been designed with human-oriented concept which shows our human-oriented human-machine interface . lionking is devoted to providing our clients with safe, reliable, easily-operated, and elegant ventilation equipment, and also human-oriented ventilation concepts.

适用场合:各类建筑的普通排送风, 过滤送风, 轻工艺过程以及消防排烟等。可匹配双速电机和变频电机作为双速风机和变频风机使用。

All kinds of general ventilation, filtered supply, light industry process ventilation and smoke exhaust application etc. Double-speed motor and VFD motor can be used upon request.

Aluminum frame structure;
Channel steel base,not easy to be deformed
Aluminum frame,easy to be installed,strong structure and low weight
High quality painted steel plate and Cold Rolled Steel
painted with static electronic process can prolong fan life.
Fine seam disposition.Low air leakage.
The box board is made of foaming technology and sound insulation cotton.

Scientific cabinet design:save every possible space
Confirm strict tolerance of the parts to meet the precision.
Save every possible space to broaden inlet size which introduces the air-stream smoothly.
Motor position and belt length have been arranged without any redundancy.
Access door and side board used as one can save the cabinet size.

High quality parts with high reliability
Heavy duly fan shaft has been turned and grounded and designed at the maximum speed 150%.
Casting iron pulley has long life
Bearing life is L10: 100000 hours
Wheel balance level G2.5
The maximum pressure: 250Pa. no deformation and vibration during using
Human-oriented design concept benefits the maintenance work
Access door and side board used as one can save the cabinet size
Access door designed in both sides and can be opened tool free.

Elegant shape
Introduce the air-stream according to hydromechanics features to improve fan efficiency and low down noise.
Hyperbolic curve venturi inlet which meets the hydromechanics requirement can reduce airflow noise:
One time shaped inlet cone can avoid turbulence successfully
Wheel inlet cone perfectly matches the fan inlet can avoid turbulence successfully
Spoiler used near the outlet can reduce turbulence successfully
The avoidance of resonance design can reduce the noise caused by it

Precise wheel balancing
Each wheel must be statically and dynamically balanced to the level of G2.5
Extend bearing life, decrease shaft vibration and fan noise



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 7 inch	Fan weight	风机质量	m = 35 kg
Moment of inertia	转动惯量	J = 0.009 kg·m ²	Speed limit	极限转速	n _{max} = 2200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(im)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(im)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
47	-40	-30	-27	-25	-26	-29	-33	-39	dB
49	-45	-33	-29	-26	-25	-28	-30	-37	dB
55	-43	-31	-28	-27	-26	-29	-31	-38	dB
53	-47	-34	-30	-26	-25	-28	-29	-36	dB
48	-51	-37	-32	-26	-25	-28	-28	-34	dB
40	-54	-40	-35	-26	-25	-28	-28	-33	dB
31	-56	-41	-36	-27	-25	-28	-48	-13	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

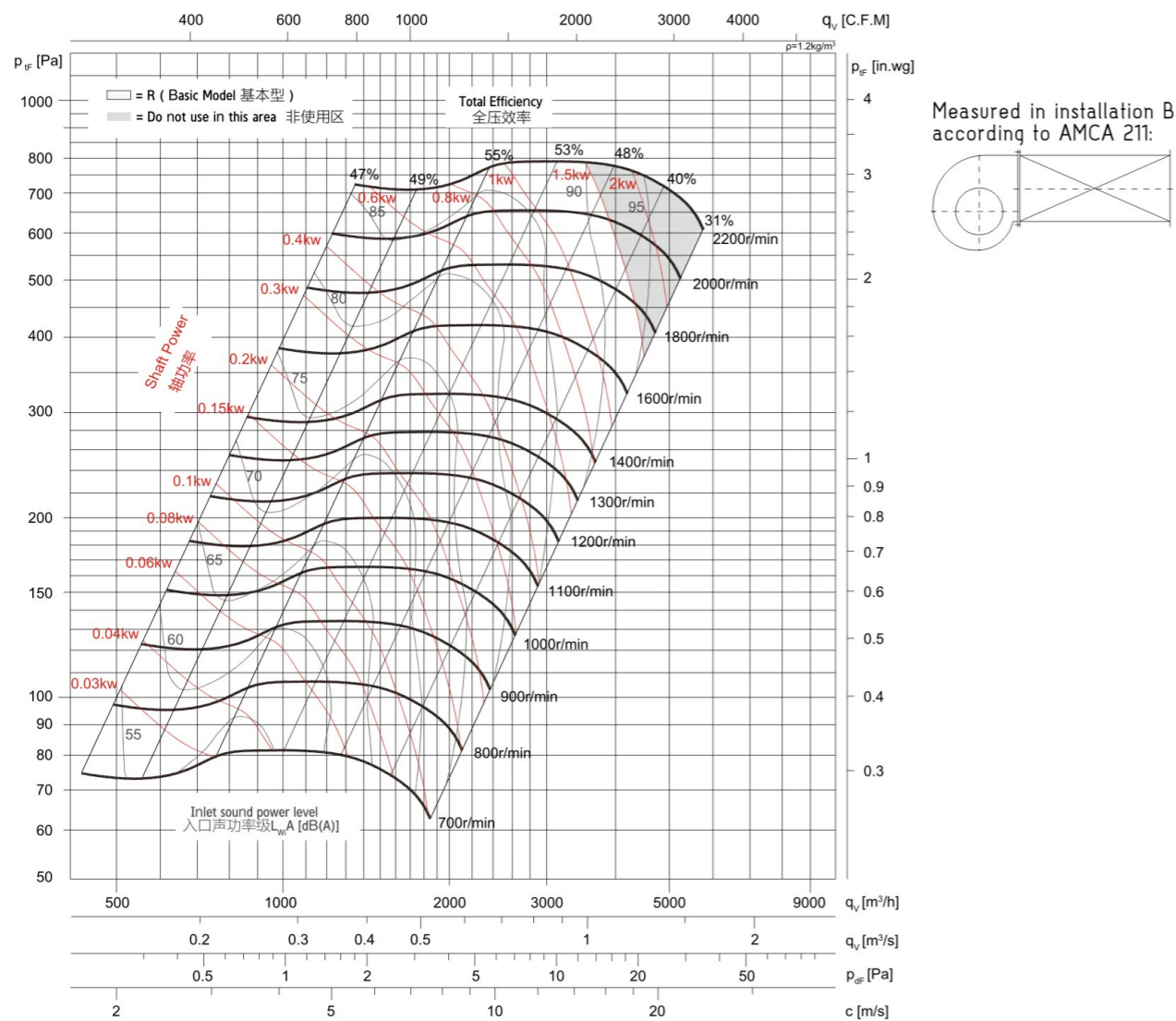
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
47	-15	-8	-7	-6	-7	-10	-14	-20	dB
49	-19	-11	-8	-6	-6	-9	-11	-17	dB
55	-18	-10	-7	-7	-6	-9	-11	-18	dB
53	-19	-10	-7	-7	-6	-9	-11	-17	dB
48	-23	-13	-9	-6	-5	-9	-9	-15	dB
40	-24	-14	-11	-6	-5	-8	-8	-14	dB
31	-25	-14	-11	-6	-5	-8	-8	-13	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 8 inch	Fan weight	风机质量(不含电机)	m = 40 kg
Moment of inertia	转动惯量	J = 0.015 kg·m ²	Speed limit	极限转速	n _{max} = 2200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(im)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(im)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
56	-42	-31	-26	-28	-27	-29	-30	-37	dB
57	-42	-33	-27	-28	-26	-27	-28	-35	dB
57	-43	-36	-30	-28	-26	-26	-27	-33	dB
56	-44	-36	-30	-29	-26	-26	-27	-32	dB
48	-45	-37	-31	-29	-26	-26	-26	-32	dB
39	-48	-38	-32	-30	-27	-27	-25	-30	dB
29	-50	-39	-33	-30	-27	-27	-25	-29	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

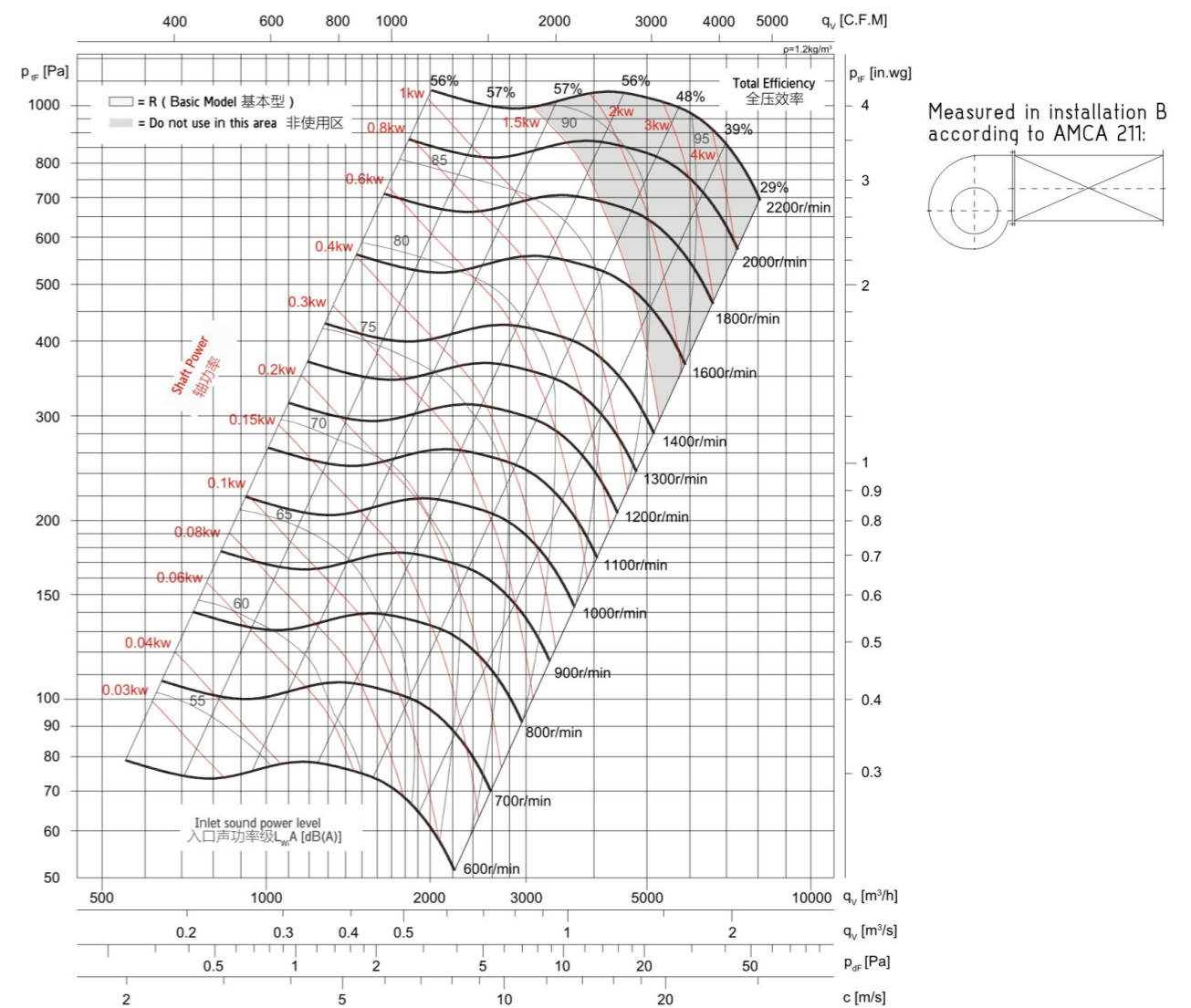
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
56	-17	-9	-6	-8	-7	-9	-10	-17	dB
57	-16	-11	-7	-8	-7	-8	-9	-16	dB
57	-16	-12	-8	-9	-7	-7	-8	-14	dB
56	-16	-12	-7	-9	-7	-7	-8	-14	dB
48	-17	-12	-7	-9	-7	-7	-7	-13	dB
39	-19	-13	-9	-10	-7	-8	-6	-11	dB
29	-20	-13	-10	-10	-8	-8	-5	-10	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 9 inch	Fan weight	风机质量(不含电机)	m = 42 kg
Moment of inertia	转动惯量	J = 0.029 kg·m ²	Speed limit	极限转速	n _{max} = 2200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm(A)} at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-46	-34	-27	-26	-27	-29	-30	-37	dB
63	-50	-38	-30	-27	-26	-27	-28	-35	dB
66	-51	-39	-31	-27	-26	-26	-27	-33	dB
58	-50	-37	-32	-29	-26	-26	-27	-32	dB
49	-50	-37	-32	-30	-26	-26	-26	-32	dB
39	-50	-38	-32	-30	-27	-27	-25	-30	dB
28	-51	-40	-31	-32	-27	-27	-25	-29	dB

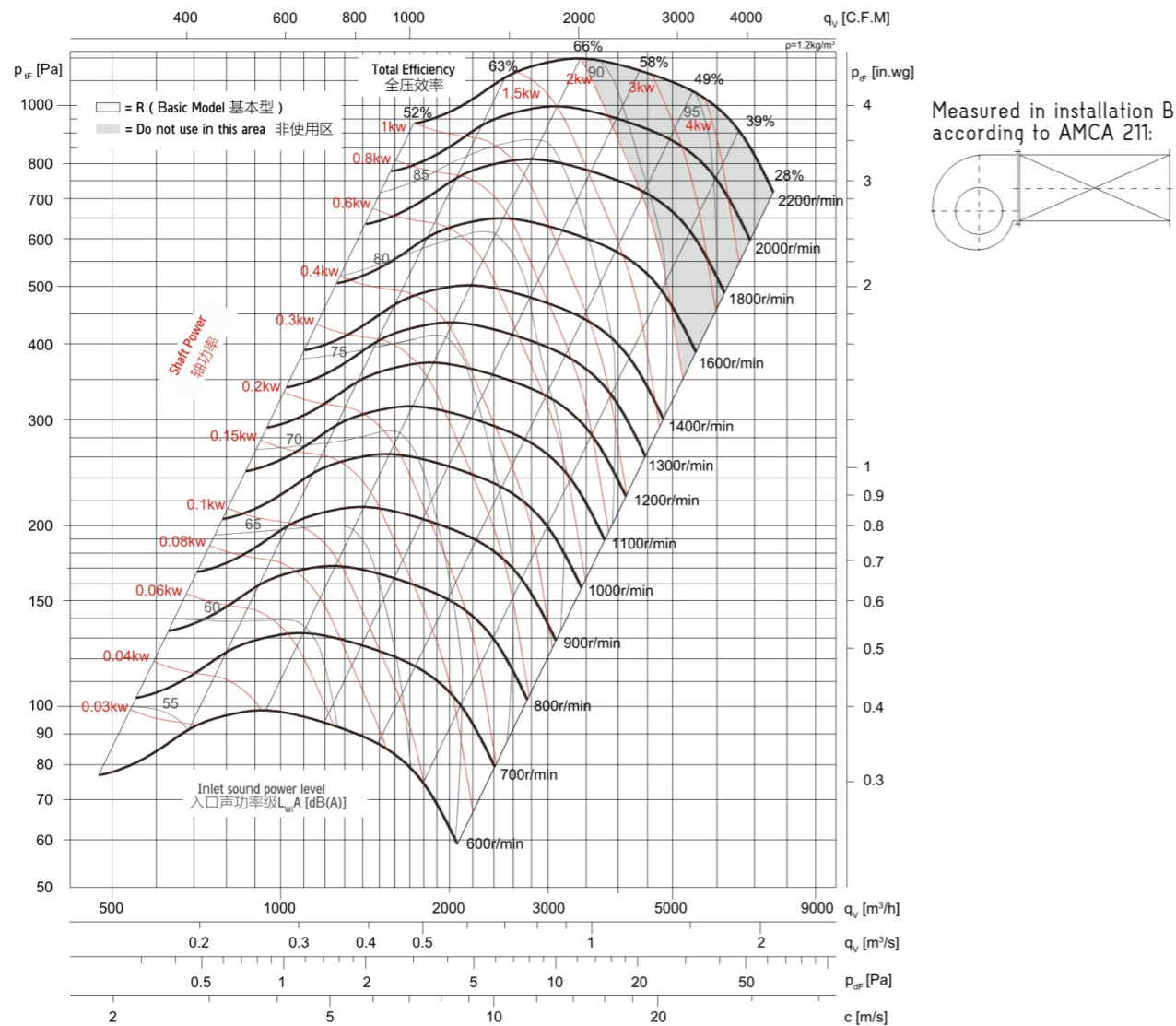
Relative A sound power level for outlet side L_{w0(A)} at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-21	-11	-6	-6	-6	-9	-12	-19	dB
63	-21	-14	-8	-7	-6	-8	-8	-13	dB
66	-22	-14	-8	-8	-6	-8	-8	-13	dB
58	-21	-12	-8	-8	-6	-8	-8	-13	dB
49	-21	-12	-8	-9	-6	-7	-7	-13	dB
39	-21	-13	-8	-10	-7	-7	-6	-11	dB
28	-21	-14	-8	-11	-8	-8	-6	-10	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 9 inch	Fan weight	风机质量(不含电机)	m = 45 kg
Moment of inertia	转动惯量	J = 0.034 kg·m ²	Speed limit	极限转速	n _{max} = 1800 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm(A)} at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
59	-36	-29	-37	-26	-27	-31	-34	-34	dB
57	-39	-31	-37	-25	-26	-29	-32	-37	dB
66	-41	-32	-39	-27	-26	-28	-29	-35	dB
63	-44	-35	-32	-29	-26	-27	-26	-33	dB
50	-46	-39	-33	-30	-26	-26	-26	-31	dB
40	-47	-41	-33	-30	-26	-26	-25	-30	dB
31	-49	-46	-34	-32	-27	-26	-25	-29	dB

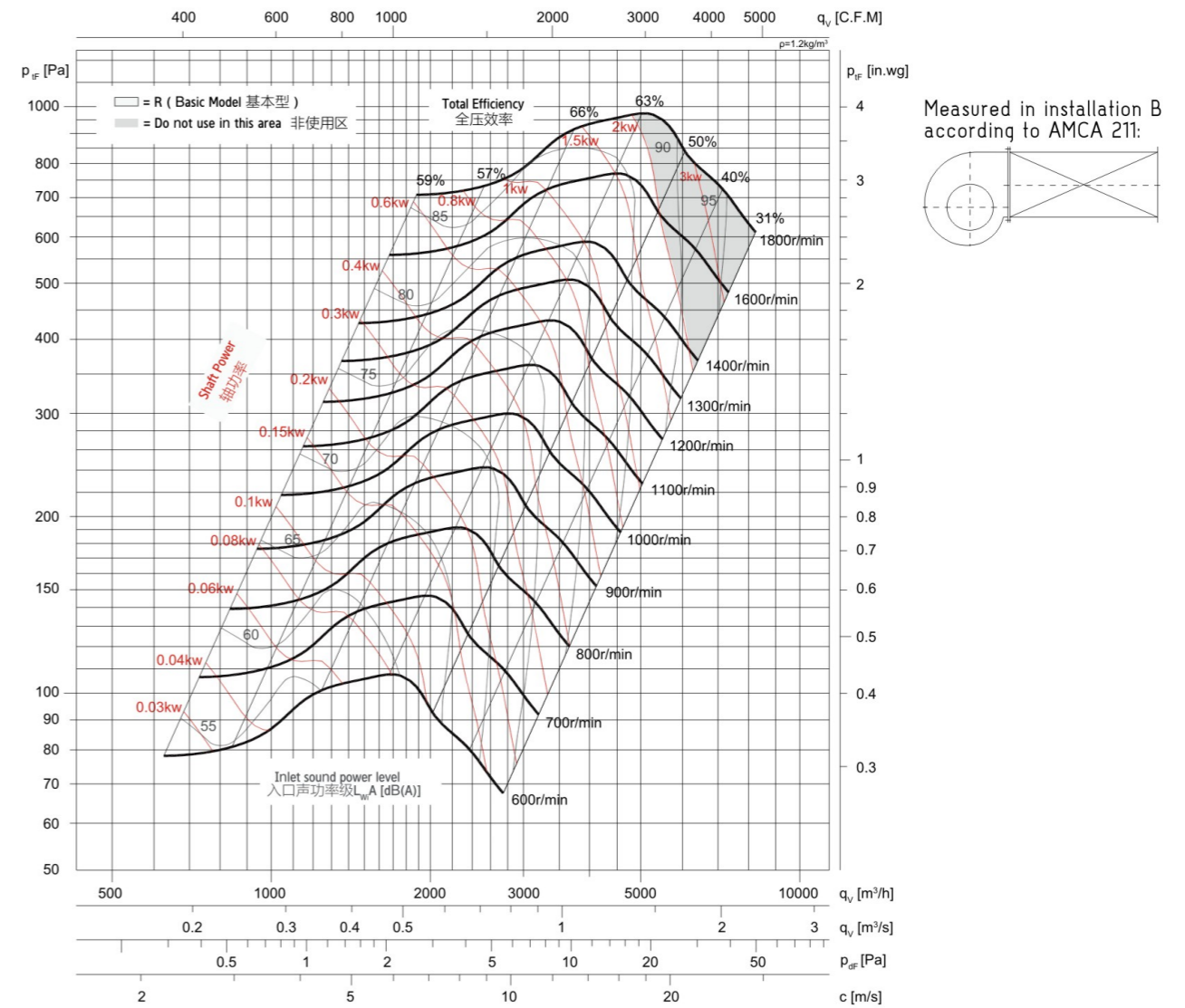
Relative A sound power level for outlet side L_{w0(A)} at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
59	-13	-8	-7	-6	-7	-12	-15	-15	dB
57	-15	-9	-7	-6	-7	-10	-13	-18	dB
66	-15	-9	-7	-6	-7	-8	-10	-16	dB
63	-16	-11	-9	-8	-6	-8	-8	-15	dB
50	-17	-13	-9	-9	-7	-7	-7	-13	dB
40	-18	-15	-9	-10	-7	-7	-6	-11	dB
31	-18	-18	-10	-11	-7	-7	-6	-9	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 10 inch	Fan weight	风机质量(不含电机)	m = 46 kg
Moment of inertia	转动惯量	J = 0.047 kg·m ²	Speed limit	极限转速	n _{max} = 1800 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm(A)} at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
51	-47	-30	-27	-26	-26	-29	-32	-40	dB
57	-47	-30	-27	-26	-26	-29	-33	-41	dB
68	-49	-31	-31	-28	-25	-28	-29	-36	dB
65	-50	-31	-32	-29	-25	-28	-28	-35	dB
58	-54	-36	-34	-31	-25	-26	-26	-32	dB
48	-56	-38	-34	-32	-26	-26	-26	-32	dB
36	-58	-41	-34	-32	-26	-26	-25	-31	dB

Relative A sound power level for outlet side L_{wO(A)} at octave centre frequencies

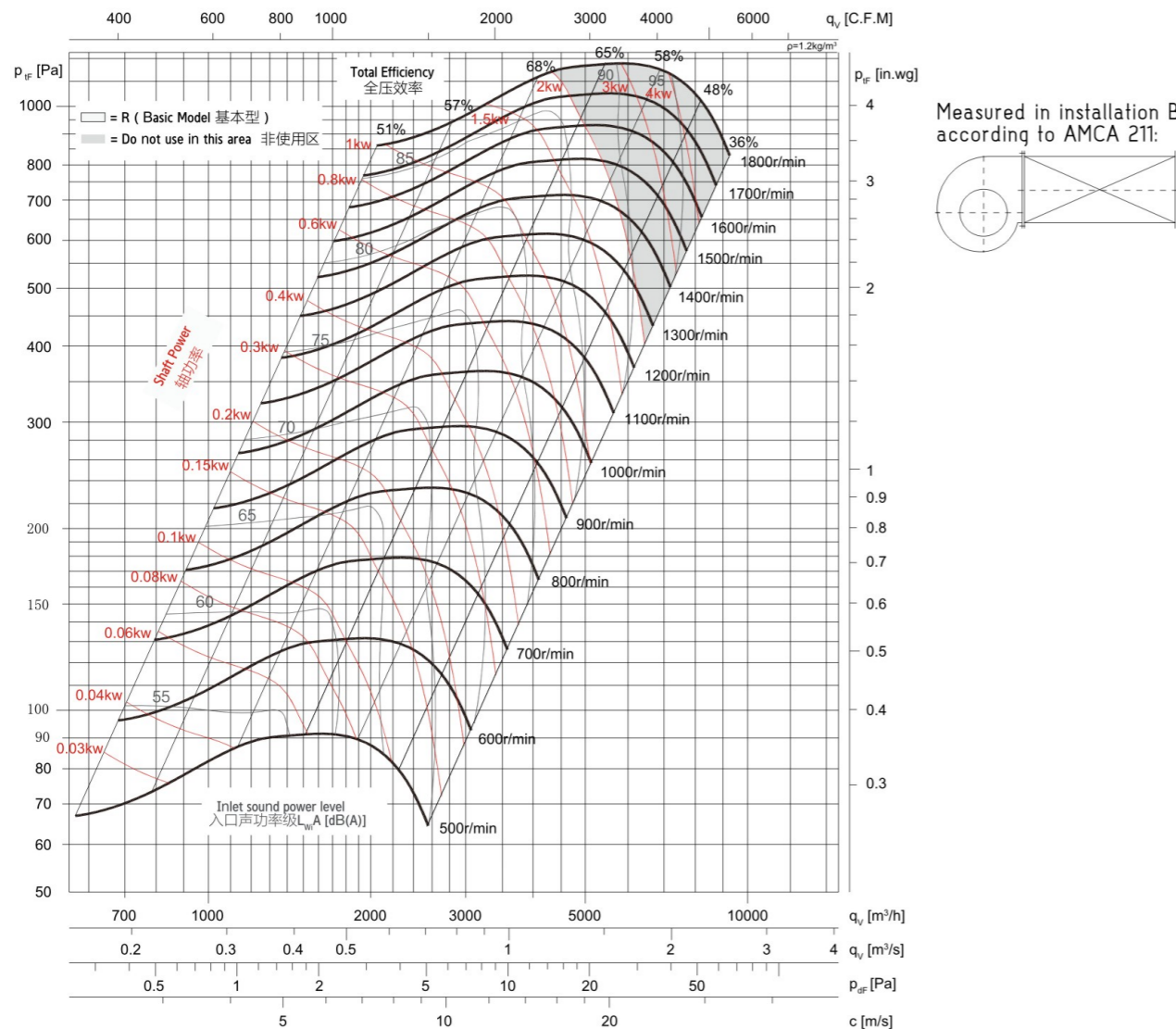
风机出口侧噪声八倍频谱A声功率级衰减值 L_{wO(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
51	-24	-9	-7	-6	-6	-9	-12	-20	dB
57	-23	-8	-6	-6	-7	-10	-13	-21	dB
68	-23	-8	-10	-8	-5	-8	-9	-16	dB
65	-23	-7	-9	-9	-6	-9	-9	-16	dB
58	-25	-10	-10	-11	-6	-7	-7	-13	dB
48	-27	-11	-10	-11	-6	-7	-6	-12	dB
36	-27	-14	-10	-11	-6	-7	-6	-12	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 10 inch	Fan weight	风机质量(不含电机)	m = 50 kg
Moment of inertia	转动惯量	J = 0.055 kg·m ²	Speed limit	极限转速	n _{max} = 1800 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm(A)} at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-44	-32	-27	-25	-26	-28	-31	-38	dB
55	-43	-31	-26	-25	-27	-29	-31	-40	dB
67	-47	-35	-30	-27	-25	-7	-28	-34	dB
64	-51	-38	-33	-29	-25	-26	-27	-33	dB
58	-55	-42	-36	-31	-26	-25	-26	-32	dB
46	-64	-51	-43	-37	-29	-26	-25	-31	dB

Relative A sound power level for outlet side L_{wO(A)} at octave centre frequencies

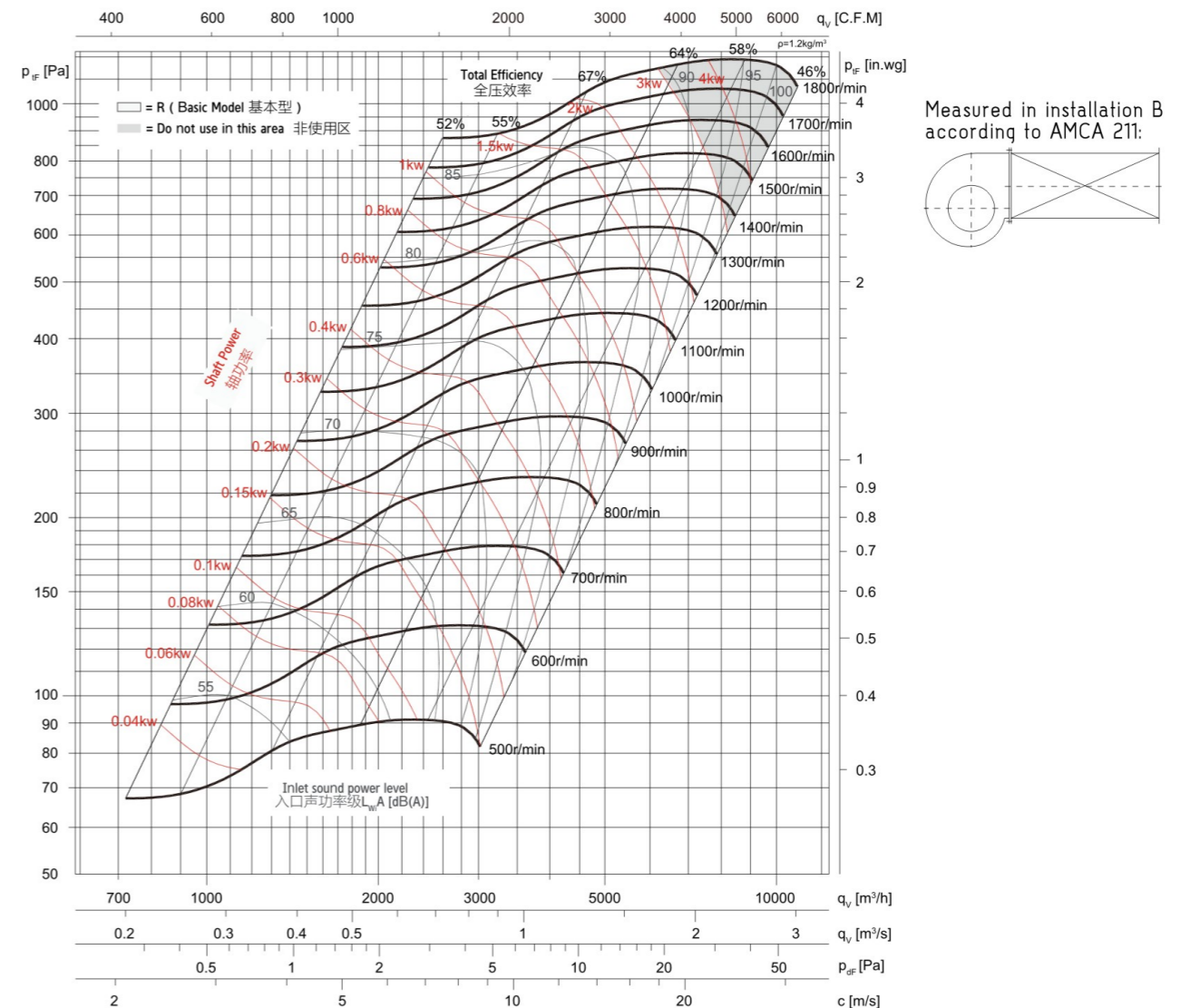
风机出口侧噪声八倍频谱A声功率级衰减值 L_{wO(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-20	-10	-7	-6	-7	-9	-12	-19	dB
55	-18	-9	-6	-6	-8	-10	-13	-20	dB
67	-20	-10	-9	-7	-5	-8	-10	-16	dB
64	-23	-12	-10	-8	-5	-7	-8	-14	dB
58	-26	-14	-12	-11	-5	-6	-7	-13	dB
46	-34	-23	-19	-16	-6	-4	-5	-12	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 12 inch	Fan weight	风机质量(不含电机)	m = 85 kg
Moment of inertia	转动惯量	J = 0.097 kg·m ²	Speed limit	极限转速	n _{max} = 1600 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm(A)} at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-40	-30	-28	-26	-26	-28	-31	-38	dB
56	-45	-32	-30	-27	-25	-27	-29	-37	dB
62	-49	-34	-31	-28	-25	-27	-28	-37	dB
70	-52	-36	-33	-28	-25	-27	-28	-35	dB
66	-55	-39	-35	-29	-24	-26	-27	-33	dB
56	-51	-39	-35	-30	-25	-26	-27	-32	dB
41	-48	-39	-35	-31	-25	-26	-27	-32	dB

Relative A sound power level for outlet side L_{w0(A)} at octave centre frequencies

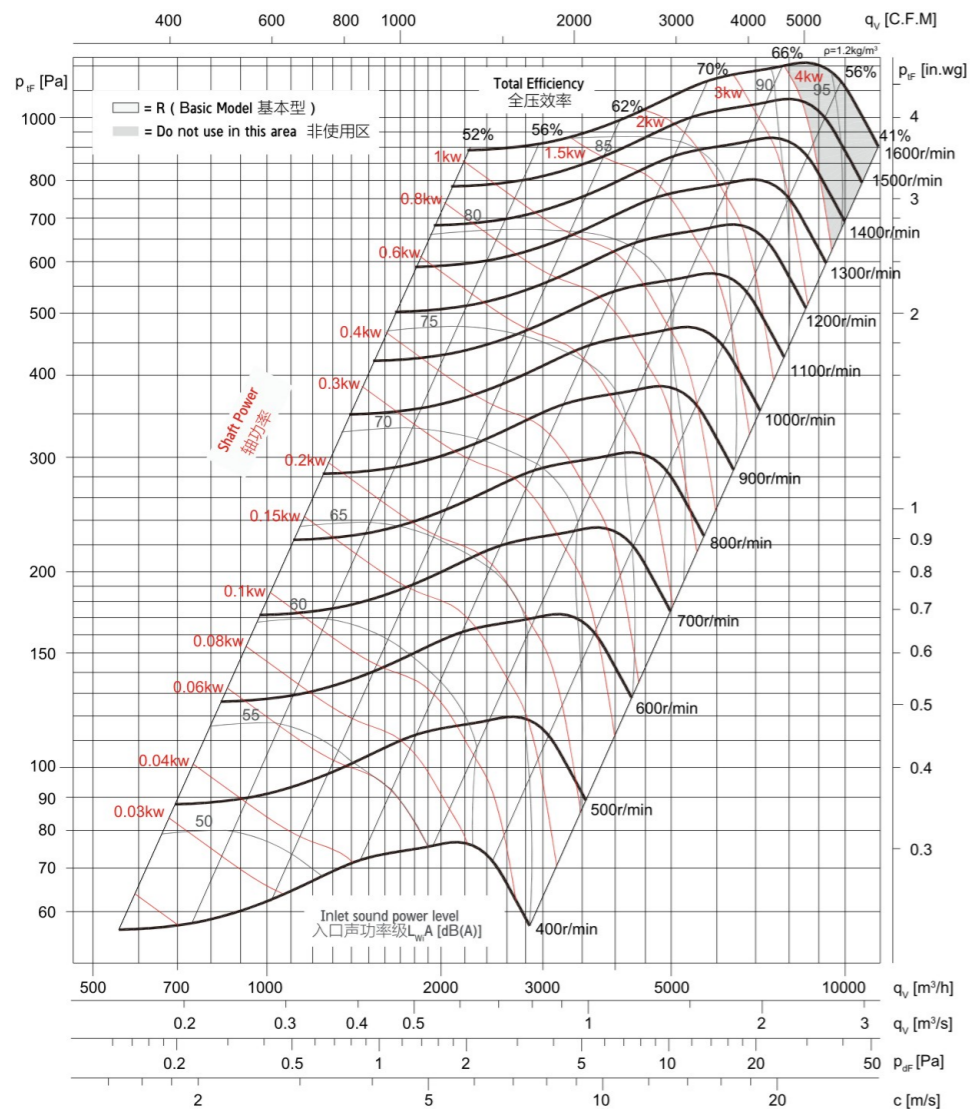
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-16	-8	-8	-6	-7	-9	-12	-19	dB
56	-19	-9	-9	-7	-6	-8	-10	-18	dB
62	-22	-11	-10	-8	-5	-7	-8	-17	dB
70	-24	-11	-9	-8	-5	-8	-9	-16	dB
66	-26	-13	-11	-9	-5	-7	-8	-15	dB
56	-22	-12	-11	-10	-5	-7	-8	-13	dB
41	-18	-13	-12	-10	-5	-7	-8	-13	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 12 inch	Fan weight	风机质量(不含电机)	m = 100 kg
Moment of inertia	转动惯量	J = 0.12 kg·m ²	Speed limit	极限转速	n _{max} = 1500 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm(A)} at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
51	-51	-38	-33	-28	-26	-25	-28	-35	dB
56	-56	-43	-36	-29	-27	-24	-27	-34	dB
66	-45	-33	-30	-27	-25	-26	-30	-36	dB
63	-48	-35	-31	-27	-25	-26	-29	-35	dB
56	-53	-40	-35	-28	-26	-25	-27	-34	dB
48	-55	-42	-36	-29	-26	-25	-26	-32	dB
36	-55	-42	-36	-29	-26	-25	-26	-32	dB

Relative A sound power level for outlet side L_{w0(A)} at octave centre frequencies

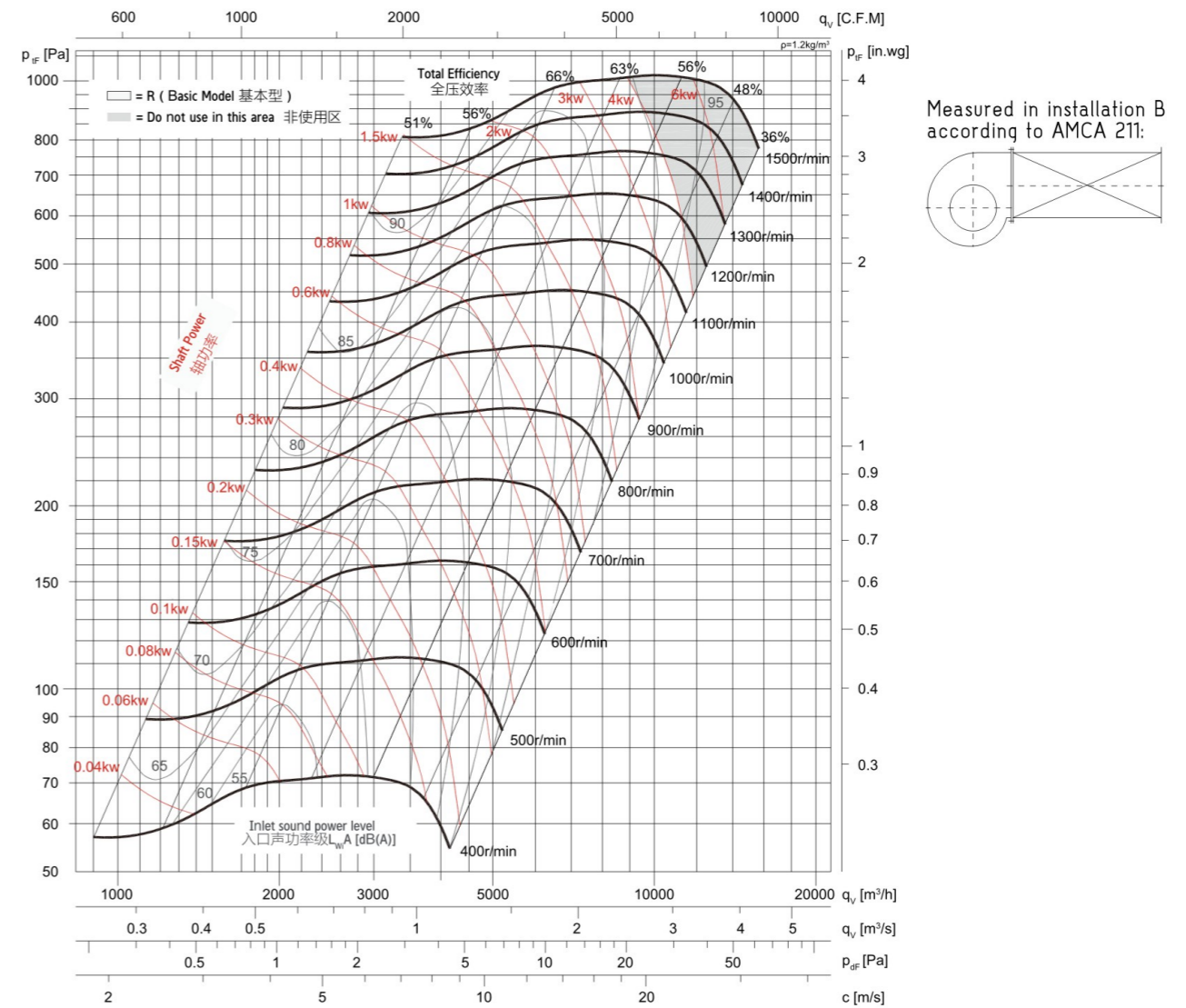
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
51	-25	-14	-12	-8	-6	-5	-8	-15	dB
56	-30	-19	-15	-8	-7	-4	-7	-15	dB
66	-18	-10	-9	-7	-6	-7	-11	-17	dB
63	-20	-11	-8	-7	-6	-7	-11	-17	dB
56	-24	-14	-10	-7	-6	-6	-8	-15	dB
48	-26	-15	-12	-9	-7	-6	-7	-13	dB
36	-25	-16	-12	-8	-6	-6	-7	-13	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter 叶轮直径	D = 15 inch	Fan weight 风机质量(不含电机)	m = 130 kg
Moment of inertia 转动惯量	J = 0.19 kg·m ²	Speed limit 极限转速	n _{max} = 1300 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wfmi}(A) at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wfmi}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
51	-35	-29	-29	-26	-25	-29	-33	-39	dB
56	-43	-33	-31	-26	-25	-27	-30	-37	dB
66	-52	-39	-34	-26	-25	-27	-28	-36	dB
63	-51	-38	-34	-26	-25	-27	-28	-36	dB
56	-53	-39	-35	-28	-25	-26	-27	-34	dB
48	-55	-52	-38	-31	-25	-25	-26	-32	dB
36	-53	-52	-39	-32	-27	-25	-26	-31	dB

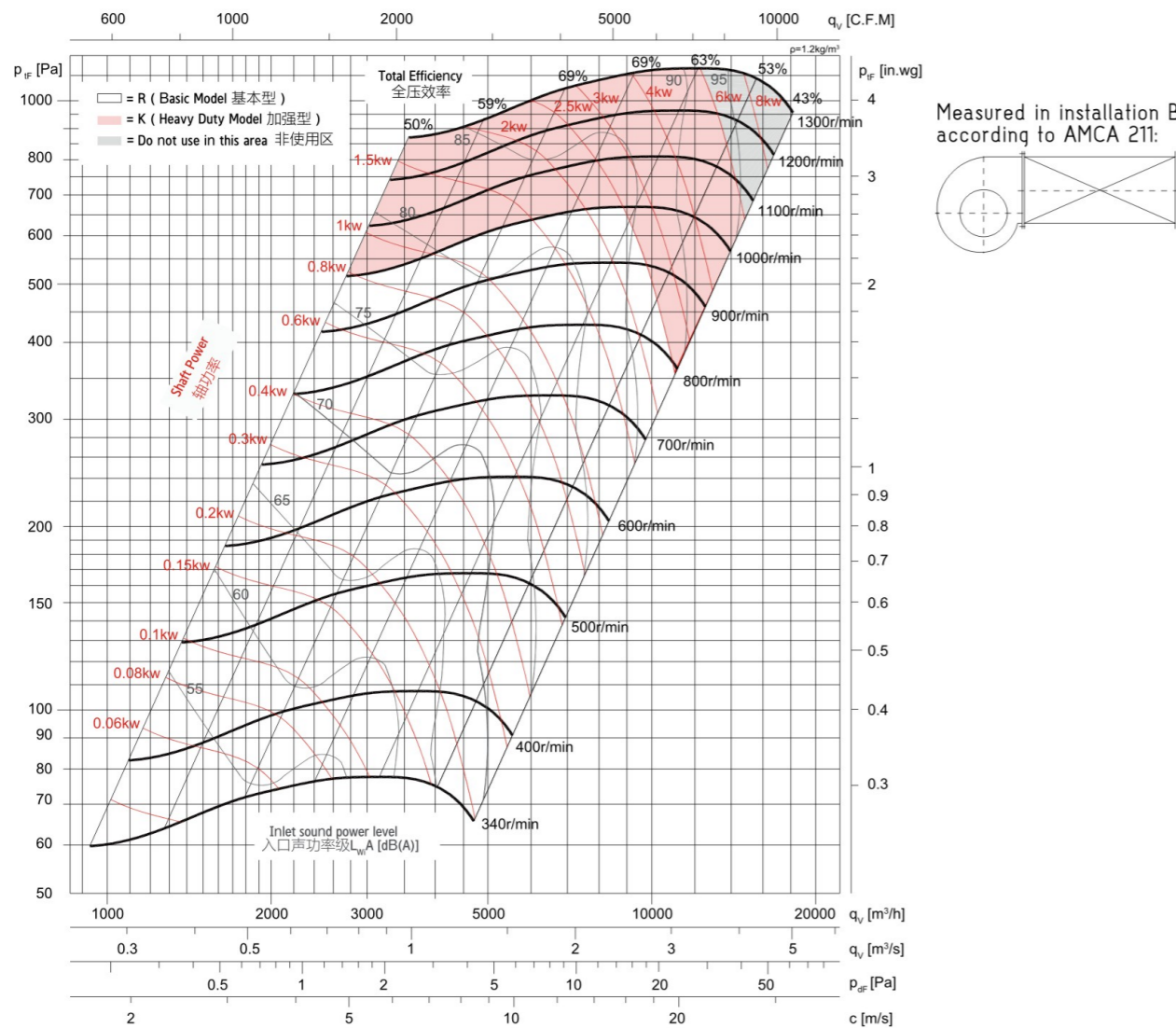
Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
51	-9	-8	-8	-8	-7	-9	-14	-19	dB
56	-17	-10	-10	-6	-6	-8	-11	-18	dB
66	-26	-15	-13	-6	-5	-7	-8	-16	dB
63	-22	-13	-10	-6	-6	-8	-9	-17	dB
56	-24	-13	-11	-7	-5	-7	-8	-16	dB
48	-26	-15	-14	-10	-5	-6	-7	-13	dB
36	-23	-16	-15	-11	-7	-5	-6	-11	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声压性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter 叶轮直径	D = 15 inch	Fan weight 风机质量(不含电机)	m = 140 kg
Moment of inertia 转动惯量	J = 0.23 kg·m ²	Speed limit 极限转速	n _{max} = 1200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wfmi}(A) at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wfmi}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-42	-29	-31	-26	-26	-27	-30	-37	dB
57	-44	-30	-32	-26	-26	-27	-29	-37	dB
68	-49	-35	-34	-26	-26	-26	-28	-35	dB
68	-50	-35	-34	-27	-26	-26	-28	-35	dB
61	-52	-36	-35	-27	-26	-26	-27	-34	dB
50	-57	-41	-38	-30	-26	-25	-26	-32	dB
38	-53	-40	-37	-31	-27	-25	-25	-31	dB

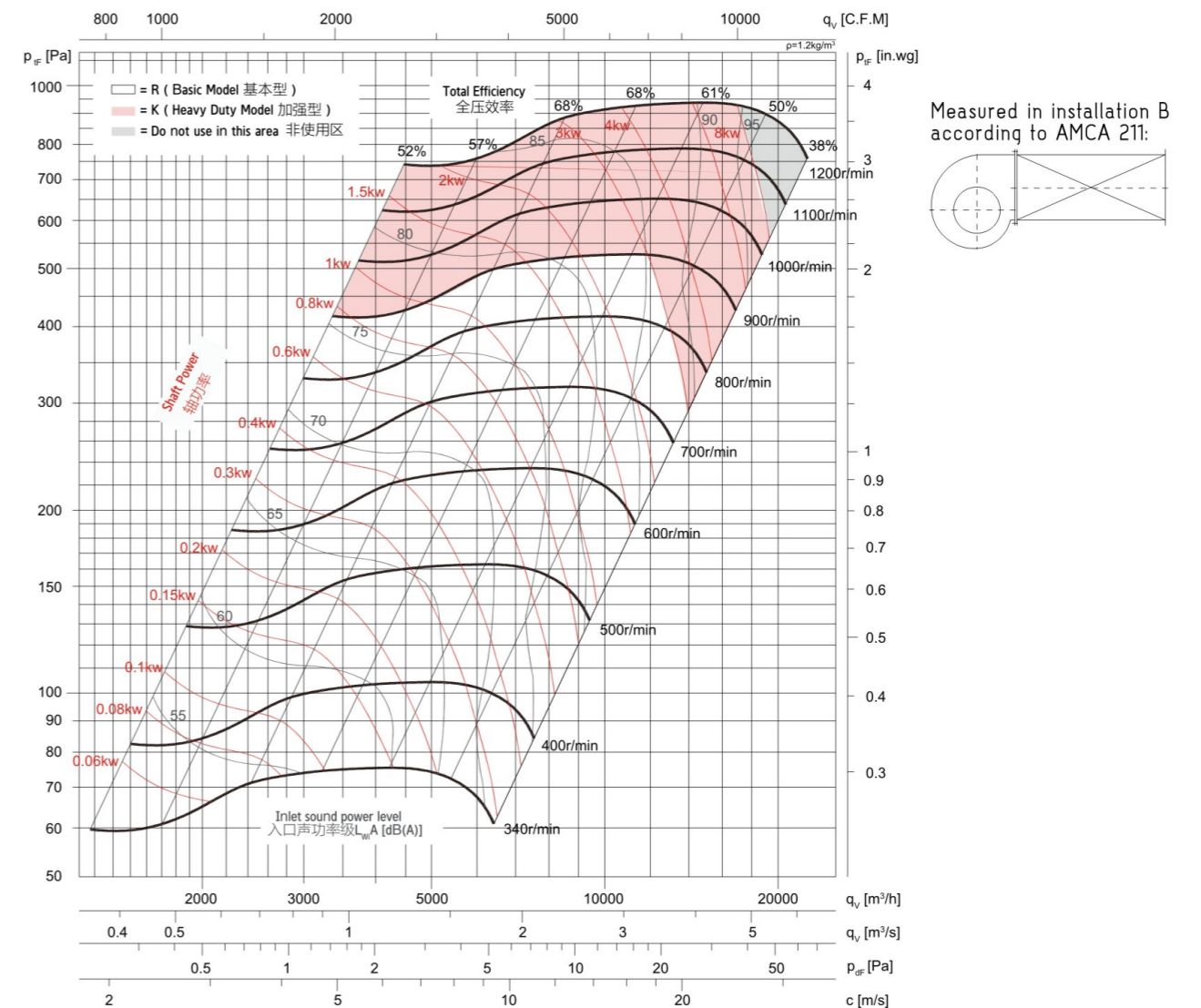
Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-16	-8	-10	-6	-6	-8	-11	-18	dB
57	-18	-8	-10	-6	-7	-8	-10	-17	dB
68	-23	-11	-13	-6	-6	-6	-9	-16	dB
68	-22	-11	-10	-6	-6	-7	-9	-16	dB
61	-23	-10	-11	-7	-6	-7	-9	-16	dB
50	-27	-15	-14	-9	-6	-6	-7	-13	dB
38	-23	-14	-13	-10	-7	-6	-6	-11	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声压性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 18 inch	Fan weight	风机质量(不含电机)	m = 180 kg
Moment of inertia	转动惯量	J = 0.46 kgm ²	Speed limit	极限转速	n _{max} = 1200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(fm)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(fm)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
48	-40	-28	-29	-25	-27	-28	-33	-40	dB
56	-45	-32	-31	-24	-27	-27	-31	-38	dB
67	-52	-36	-33	-24	-28	-27	-30	-37	dB
65	-52	-36	-33	-24	-28	-27	-30	-37	dB
58	-55	-38	-35	-25	-27	-26	-29	-36	dB
49	-59	-42	-38	-26	-26	-25	-28	-34	dB
37	-56	-41	-40	-29	-25	-24	-27	-33	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

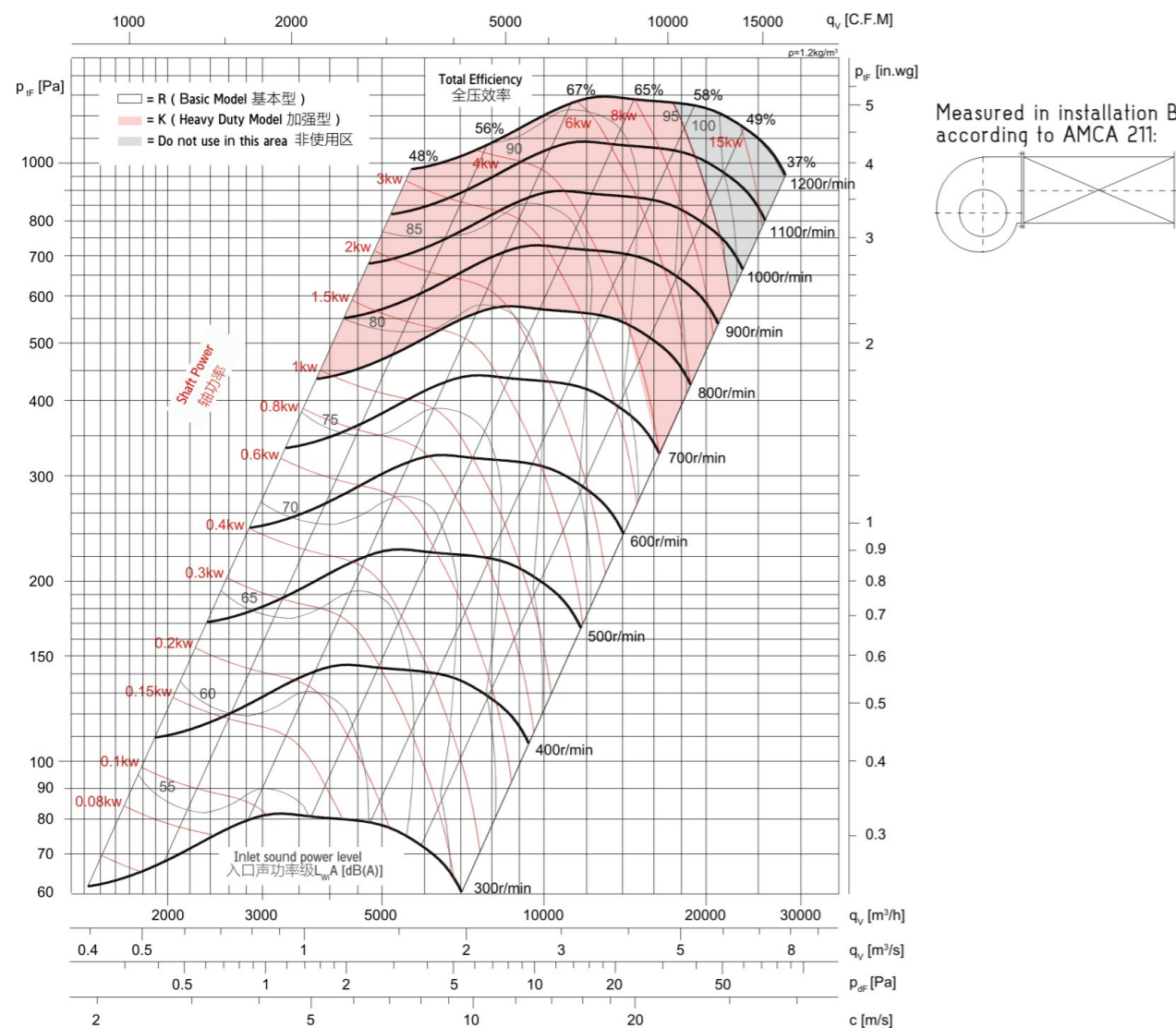
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
48	-15	-7	-8	-6	-8	-9	-14	-21	dB
56	-19	-9	-9	-4	-8	-8	-12	-19	dB
67	-25	-12	-12	-4	-8	-7	-11	-18	dB
65	-23	-10	-9	-4	-9	-8	-11	-18	dB
58	-26	-12	-11	-4	-8	-7	-10	-17	dB
49	-29	-16	-15	-6	-6	-6	-9	-15	dB
37	-26	-15	-16	-8	-5	-5	-8	-14	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 18 inch	Fan weight	风机质量(不含电机)	m = 200 kg
Moment of inertia	转动惯量	J = 0.57 kgm ²	Speed limit	极限转速	n _{max} = 1100 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(fm)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(fm)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
47	-35	-27	-29	-27	-27	-29	-33	-40	dB
53	-46	-35	-33	-23	-28	-27	-32	-38	dB
66	-45	-35	-33	-23	-28	-27	-32	-37	dB
63	-46	-35	-33	-24	-28	-27	-32	-37	dB
56	-49	-37	-34	-24	-27	-26	-30	-36	dB
47	-54	-40	-36	-26	-26	-25	-28	-34	dB
35	-47	-34	-34	-28	-27	-26	-28	-33	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

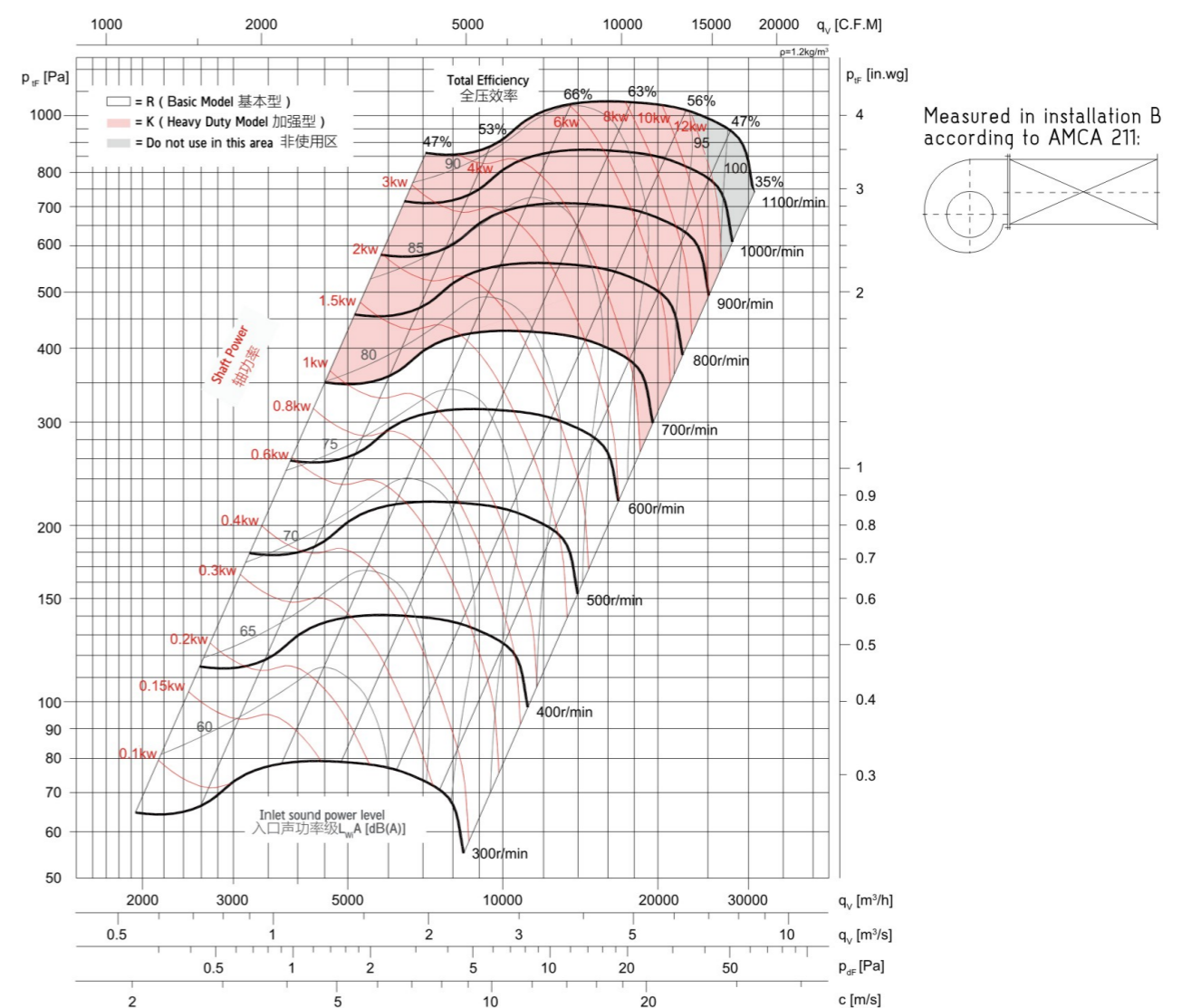
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
47	-10	-7	-8	-7	-7	-9	-13	-22	dB
53	-19	-12	-11	-4	-8	-7	-12	-21	dB
66	-19	-11	-12	-3	-8	-7	-13	-21	dB
63	-17	-9	-9	-4	-9	-8	-13	-21	dB
56	-20	-11	-10	-4	-8	-7	-12	-19	dB
47	-24	-14	-13	-6	-6	-6	-9	-14	dB
35	-17	-8	-11	-7	-7	-7	-9	-12	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

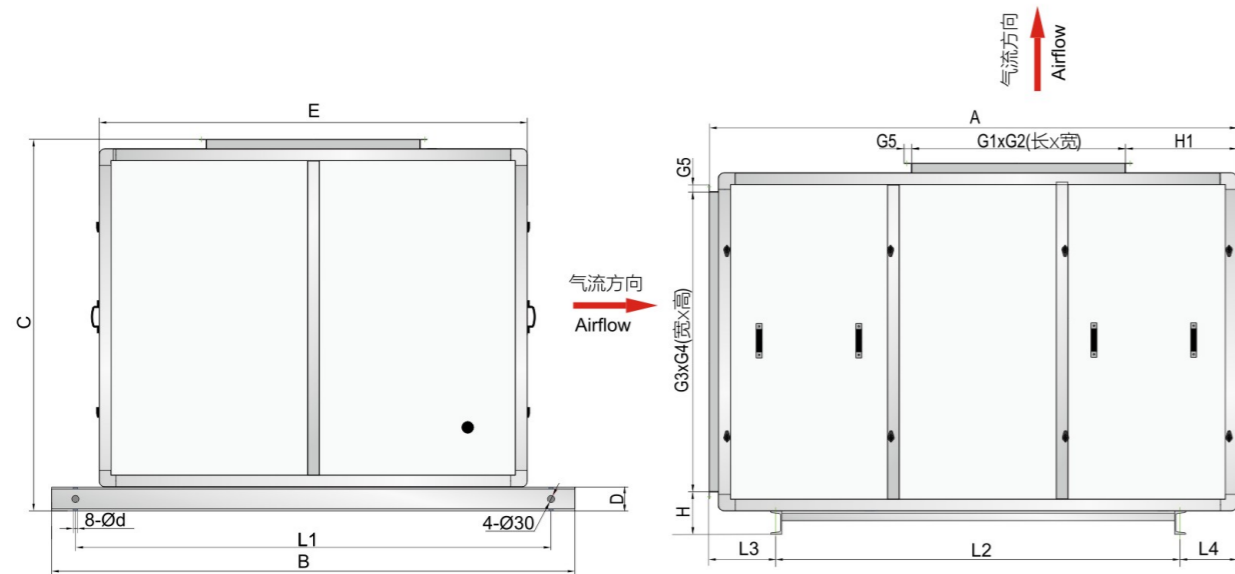
B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





BK-D/Q系列箱式风机外形尺寸 BK-D/Q Series Fan Overall Dimension

直进上出



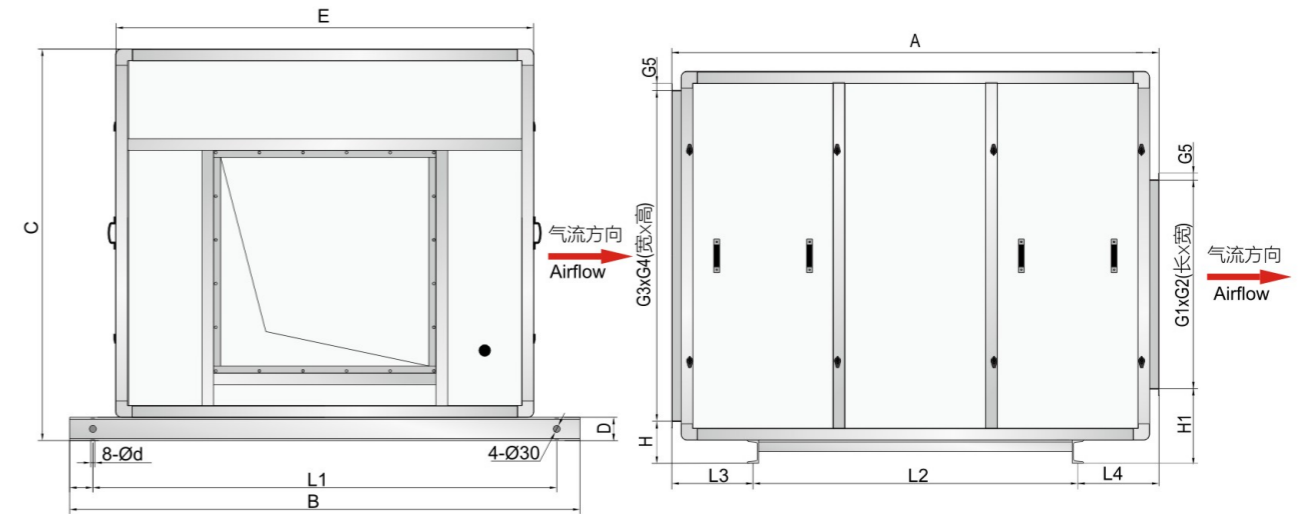
单位: mm

尺寸 型号	A	B	C	D	E	H	H1	G1	G2	G3	G4	G5	L1	L2	L3	L4	d
BK200	1000	990	600	50	690	111	215	256	256	388	568	30	850	600	220	180	15
BK225	1040	1020	640	50	720	111	214	288	288	428	598	30	880	660	210	170	15
BK250	1090	1050	680	50	750	111	240	322	322	468	628	30	910	680	225	185	15
BK280	1210	1100	733	63	800	125	252	361	361	508	678	30	960	750	240	220	15
BK315	1310	1270	808	63	970	134	281	404	404	563	828	30	1130	880	235	195	15
BK355	1390	1350	868	63	1050	134	306	453	453	623	908	30	1210	1000	215	175	15
BK400	1560	1560	1035	80	1260	151	334.5	507	507	773	1118	30	1420	1070	265	225	15
BK450	1690	1630	1110	80	1330	151	368	569	569	848	1188	30	1470	1170	280	240	15
BK500	1790	1800	1185	80	1400	151	395	638	638	1258	923	30	1600	1240	295	255	15
BK560	1965	1850	1315	100	1450	171	424	715	715	1308	1033	30	1650	1330	338	298	18
BK630	2090	2000	1420	100	1600	171	477	801	801	1138	1458	30	1800	1320	405	365	18
BK710	2220	2200	1560	100	1800	181	470	898	898	1638	1258	30	2000	1700	280	240	18
BK800	2470	2400	1690	100	2010	181	528	1007	1007	1848	1388	30	2200	1790	360	320	18
BK900	2690	2600	1870	100	2210	181	587	1130	1130	2048	1568	30	2400	2100	315	275	18
BK1000	2840	2750	2000	100	2360	181	625	1267	1267	2198	1698	30	2550	2200	340	300	18



BK-D/Q系列箱式风机外形尺寸 BK-D/Q Series Fan Overall Dimension

直进直出



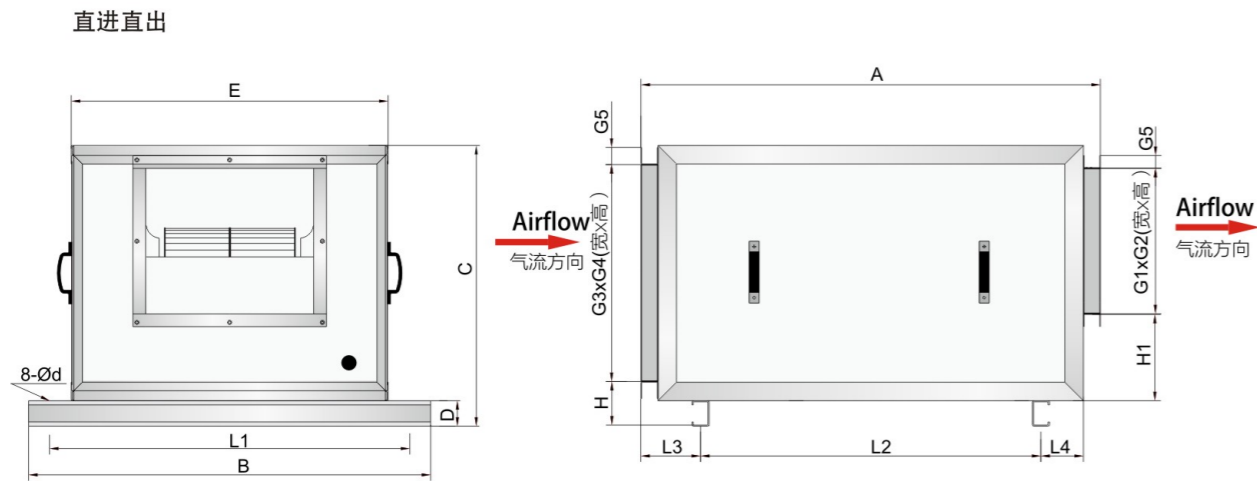
单位: mm

尺寸 型号	A	B	C	D	E	H	H1	G1	G2	G3	G4	G5	L1	L2	L3	L4	d
BK200	960	990	625	50	690	111	162	256	256	453	568	30	850	600	180	180	15
BK225	1000	1020	670	50	720	111	159	288	288	498	598	30	880	650	175	175	15
BK250	1050	1050	710	50	750	111	162	322	322	538	628	30	910	680	185	185	15
BK280	1120	1100	813	63	800	124	174	361	361	628	678	30	960	720	200	200	15
BK315	1250	1270	878	63	970	134	182	404	404	673	828	30	1130	850	200	200	15
BK355	1300	1350	953	63	1050	134	185	453	453	748	908	30	1210	930	185	185	15
BK400	1480	1560	1130	80	1260	151	279	507	507	908	1118	30	1420	1060	210	210	15
BK450	1550	1630	1220	80	1330	151	280	569	569	998	1188	30	1470	1100	225	225	15
BK500	1600	1800	1310	80	1400	151	280	638	638	1258	1088	30	1600	1160	220	220	15
BK560	1750	1850	1460	100	1450	171	320	715	715	1308	1218	30	1650	1300	225	225	18
BK630	1880	2000	1590	100	1600	171	319	801	801	1458	1348	30	1794	1320	280	280	18
BK710	2100	2200	1685	100	1800	181	319	898	898	1420	1635	30	2000	1400	350	350	18
BK800	2280	2400	1855	100	2010	181	319	1007	1007	1848	1593	30	2200	1600	340	340	18
BK900	2500	2600	2180	100	2210	181	338	1130	1130	2048	1793	30	2400	1700	400	400	18
BK1000	2650	2750	2210	100	2360	181	342	1267	1267	2198	1948	30	2550	1900	375	375	18



BK系列箱式风机外形尺寸

BK Series Fan Overall Dimension



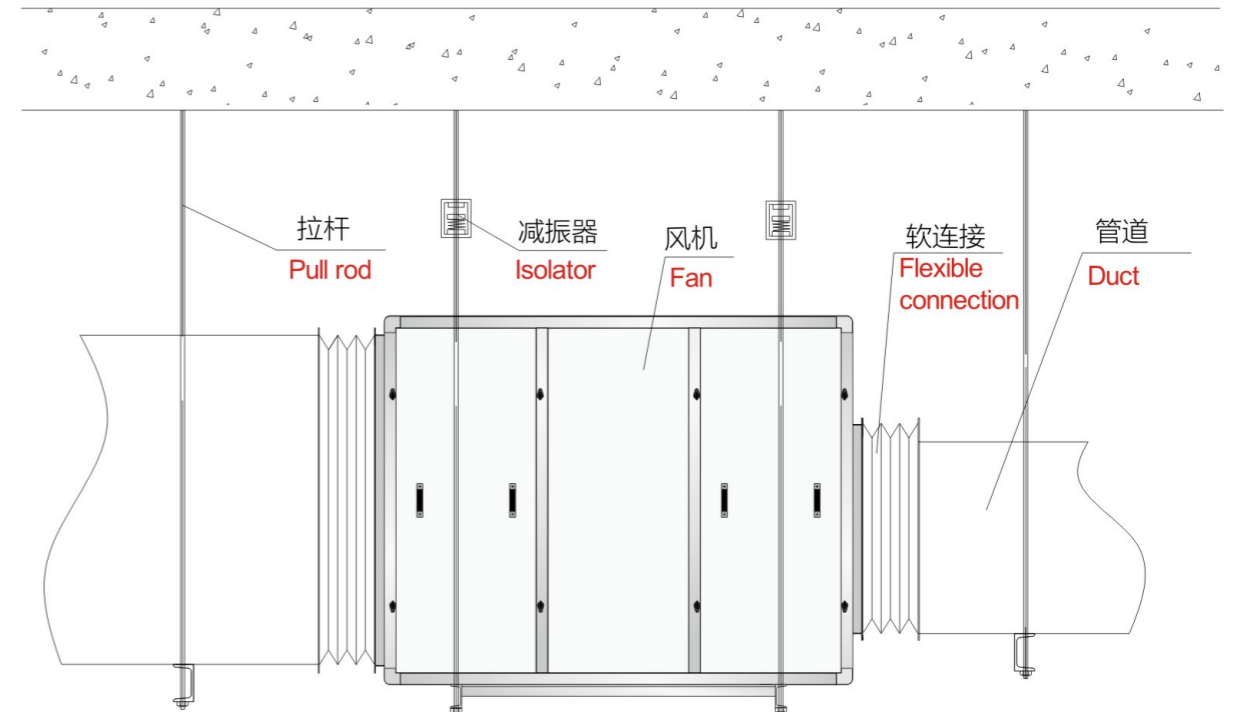
单位: mm

尺寸 型号	A	B	C	D	E	H	H1	G1	G2	G3	G4	G5	L1	L2	L3	L4	φd
BK7-7T	960	990	625	50	690	111	260	259	228	568	453	30	850	600	180	180	15
BK8-8T	960	990	625	50	690	111	268	337	259	568	453	30	850	600	180	180	15
BK9-7T	1000	1020	670	50	720	111	287	232	262	598	498	30	880	650	175	175	15
BK9-9T	1000	1020	670	50	720	111	287	298	262	598	498	30	880	650	175	175	15
BK10-8T	1050	1050	710	50	750	111	318	265	289	628	538	30	910	680	185	185	15
BK10-10T	1050	1050	710	50	750	111	318	331	289	628	538	30	910	680	185	185	15
BK12-9T	1120	1100	813	63	800	124	352	309	341	678	628	30	960	720	200	200	15
BK12-12T	1120	1100	813	63	800	124	352	395	341	678	628	30	960	720	200	200	15
BK15-11T	1250	1270	878	63	970	134	391	373	404	828	673	30	1130	850	200	200	15
BK15-15T	1250	1270	878	63	970	134	391	471	404	828	673	30	1130	850	200	200	15
BK18-13T	1480	1560	1130	80	1260	151	543	430	478	1118	908	30	1420	1060	210	210	15
BK18-18T	1480	1560	1130	80	1260	151	543	557	478	1118	908	30	1420	1060	210	210	15



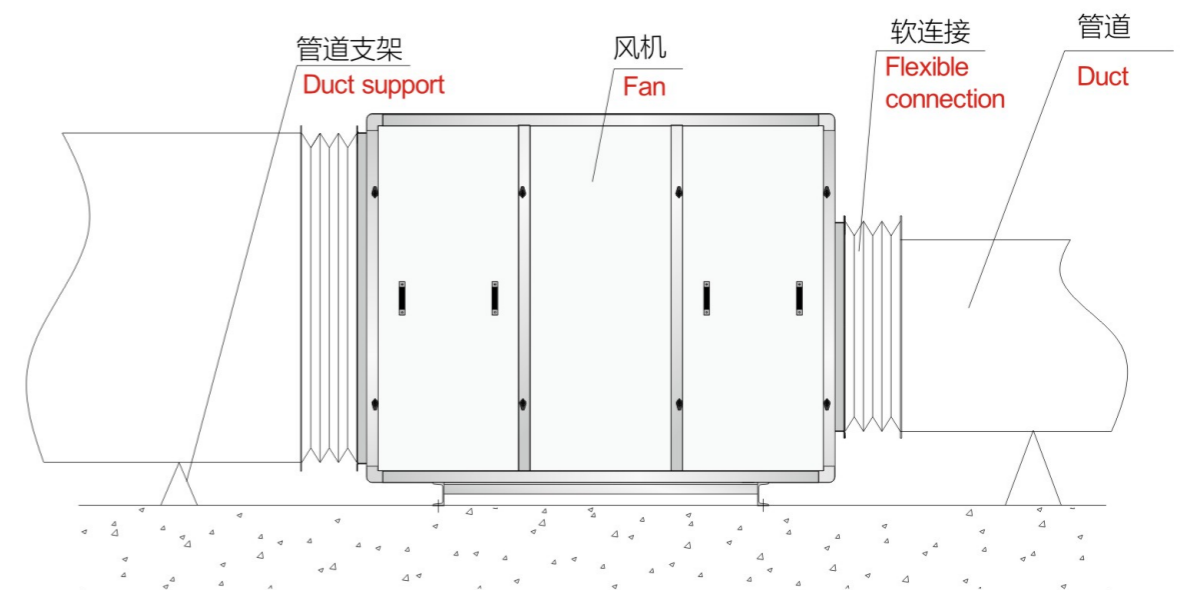
BK系列箱式风机吊装示意图

BK Ceiling Installation Schematic Diagram



Bk系列箱式风机座装示意图

BK Floor Installation Schematic Diagram





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 200 mm	Fan weight	风机质量	m = 57 kg
Moment of inertia	转动惯量	J = 0.015 kg·m ²	Speed limit	极限转速	n _{max} = 3200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(lm)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(lm)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
40	-38	-31	-27	-28	-27	-28	-30	-36	dB
44	-41	-31	-26	-28	-27	-28	-30	-35	dB
47	-38	-32	-27	-28	-26	-27	-29	-34	dB
52	-36	-32	-28	-29	-26	-27	-29	-34	dB
51	-35	-33	-29	-29	-26	-27	-28	-33	dB
46	-37	-35	-30	-30	-26	-27	-27	-32	dB
39	-46	-37	-33	-32	-26	-26	-26	-30	dB

Relative A sound power level for outlet side L_{w(o)} (A) at octave centre frequencies

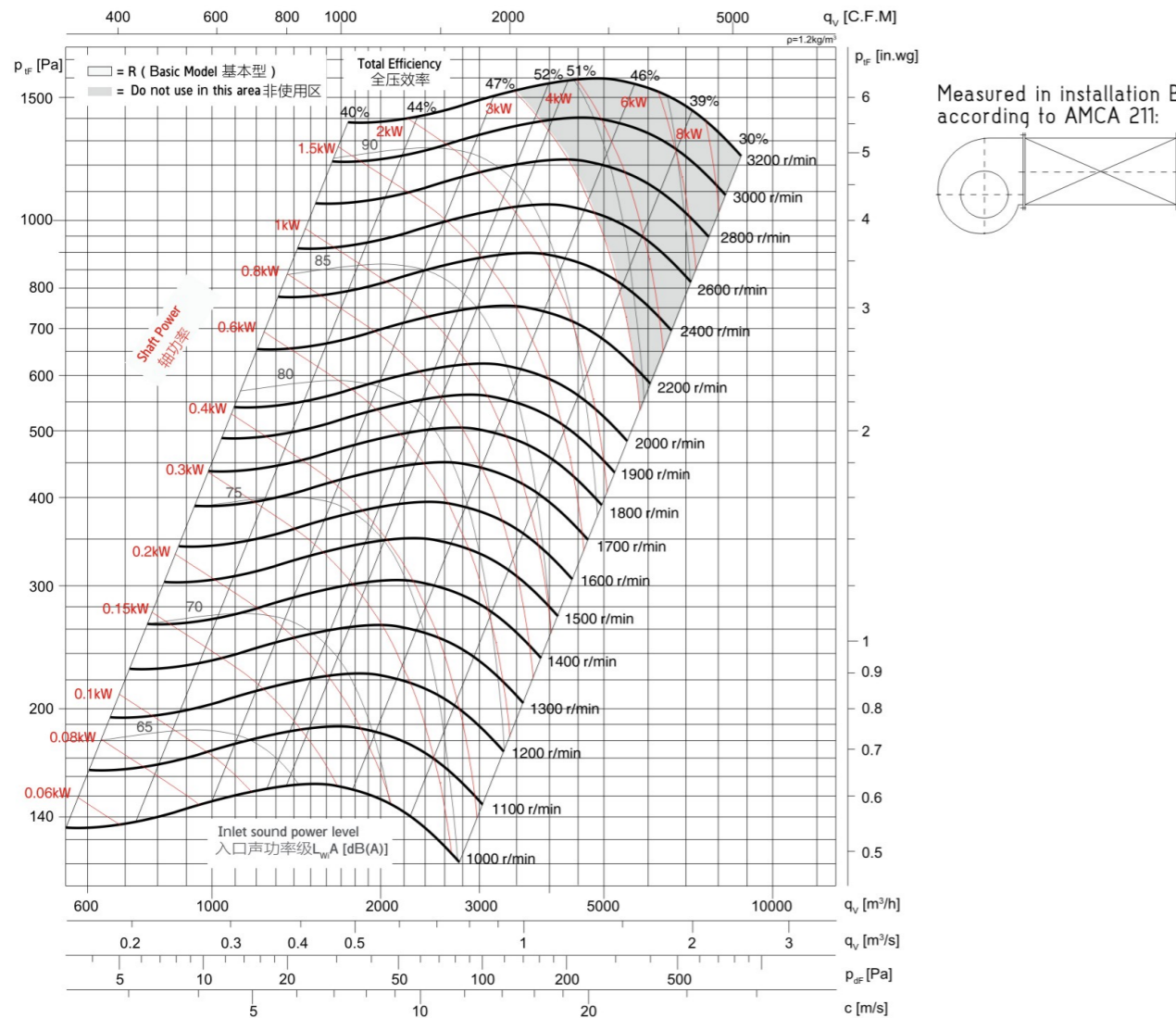
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
40	-13	-8	-7	-8	-7	-8	-11	-17	dB
44	-15	-9	-6	-8	-7	-8	-11	-15	dB
47	-12	-10	-7	-9	-7	-8	-10	-15	dB
52	-9	-10	-9	-10	-7	-8	-10	-15	dB
51	-8	-11	-9	-10	-7	-8	-9	-14	dB
46	-9	-11	-11	-11	-6	-8	-8	-13	dB
39	-17	-11	-11	-12	-7	-6	-7	-11	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 225 mm	Fan weight	风机质量 (不含电机)	m = 62.5 kg
Moment of inertia	转动惯量	J = 0.021 kg·m ²	Speed limit	极限转速	n _{max} = 2800 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(lm)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(lm)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
40	-38	-31	-27	-28	-27	-28	-30	-36	dB
43	-41	-31	-26	-28	-27	-28	-30	-35	dB
46	-39	-32	-27	-28	-26	-27	-30	-34	dB
52	-36	-30	-28	-29	-26	-27	-29	-34	dB
48	-35	-35	-30	-30	-26	-27	-27	-32	dB
43	-44	-37	-32	-31	-26	-26	-26	-31	dB
35	-50	-38	-33	-32	-27	-26	-26	-30	dB

Relative A sound power level for outlet side L_{w(o)} (A) at octave centre frequencies

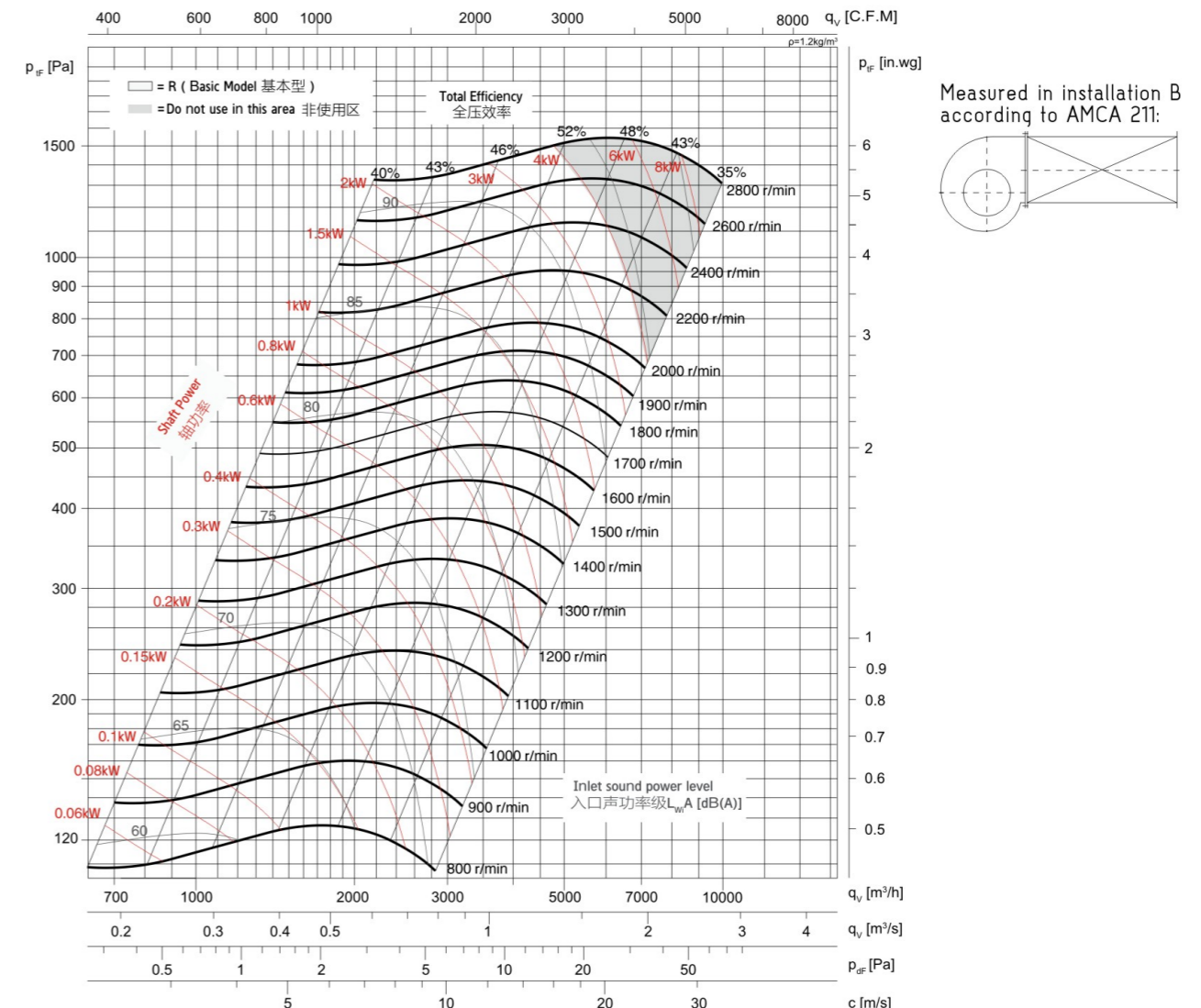
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
40	-13	-8	-7	-8	-7	-8	-11	-17	dB
43	-15	-9	-6	-8	-7	-8	-11	-15	dB
46	-13	-9	-7	-9	-7	-8	-10	-15	dB
52	-9	-10	-9	-10	-7	-8	-10	-15	dB
48	-8	-13	-11	-11	-6	-8	-8	-13	dB
43	-15	-12	-11	-11	-6	-6	-7	-11	dB
35	-20	-12	-11	-12	-7	-6	-6	-10	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 250 mm	Fan weight	风机质量(不含电机)	m = 70 kg
Moment of inertia	转动惯量	J = 0.038 kg·m ²	Speed limit	极限转速	n _{max} = 2400 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wi(m)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wi(m)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
40	-38	-31	-27	-28	-27	-28	-30	-36	dB
44	-41	-31	-26	-28	-27	-28	-30	-35	dB
47	-38	-32	-27	-28	-26	-27	-29	-34	dB
52	-36	-32	-28	-29	-26	-27	-29	-34	dB
51	-35	-33	-29	-29	-26	-27	-28	-33	dB
46	-38	-36	-31	-30	-26	-27	-27	-31	dB
39	-46	-37	-33	-32	-26	-26	-26	-30	dB

Relative A sound power level for outlet side L_{wO} (A) at octave centre frequencies

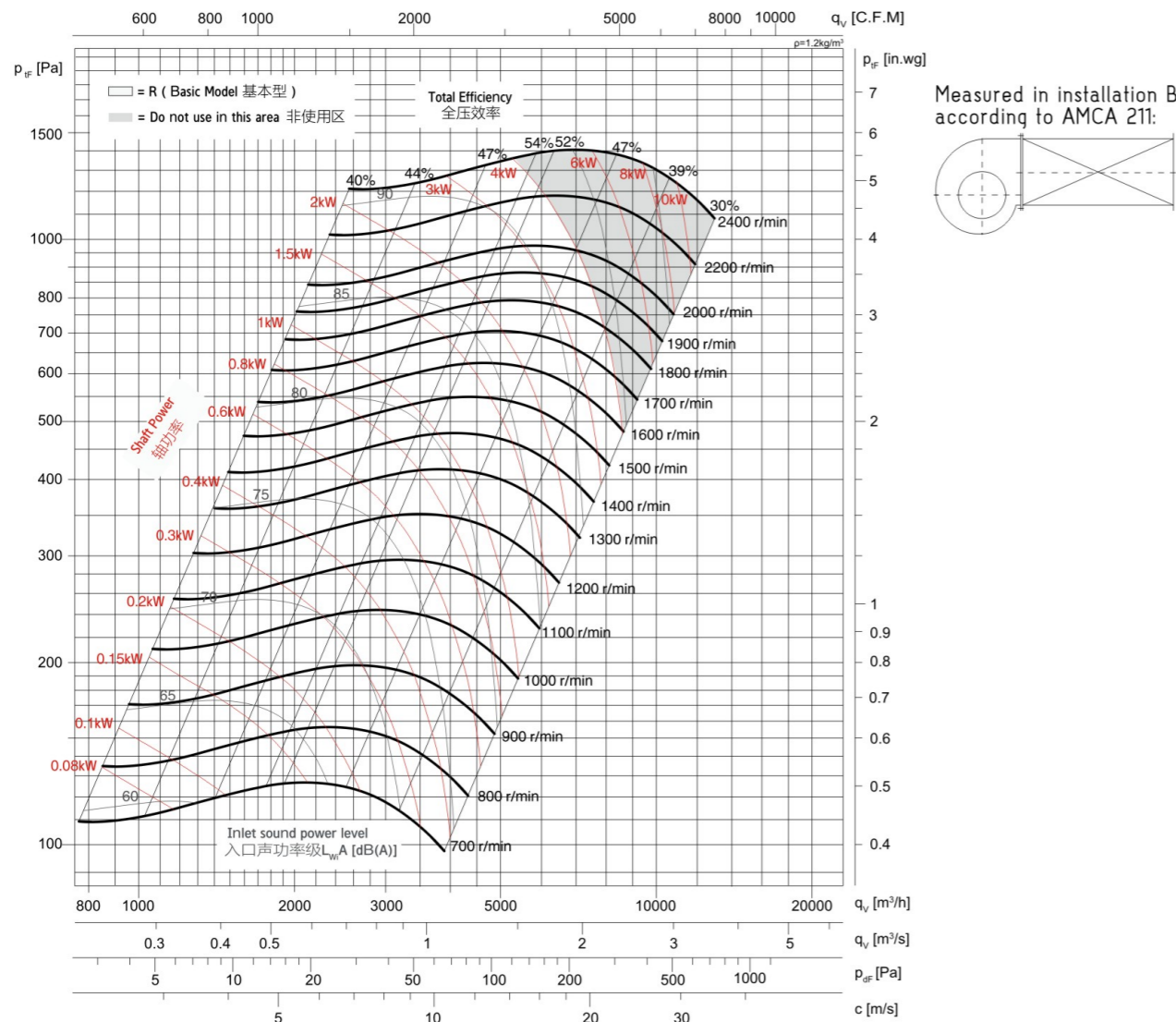
风机出口侧噪声八倍频谱A声功率级衰减值 L_{wO} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
40	-13	-8	-7	-8	-7	-8	-11	-17	dB
44	-15	-9	-6	-8	-7	-8	-11	-15	dB
47	-12	-10	-7	-9	-7	-8	-10	-15	dB
52	-9	-10	-9	-10	-7	-8	-10	-15	dB
51	-8	-11	-9	-10	-7	-8	-9	-14	dB
46	-10	-12	-11	-11	-6	-7	-7	-12	dB
39	-17	-11	-11	-12	-7	-6	-7	-11	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 280 mm	Fan weight	风机质量(不含电机)	m = 100 kg
Moment of inertia	转动惯量	J = 0.06 kg·m ²	Speed limit	极限转速	n _{max} = 2500 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wi(m)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wi(m)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-32	-22	-28	-33	-36	-34	-37	-47	dB
49	-31	-22	-28	-32	-32	-36	-38	-40	dB
54	-32	-23	-27	-31	-36	-35	-34	-44	dB
58	-29	-24	-27	-30	-34	-33	-35	-45	dB
55	-30	-22	-28	-33	-32	-34	-36	-41	dB
50	-31	-23	-28	-33	-32	-34	-35	-40	dB
45	-31	-23	-28	-32	-31	-33	-34	-38	dB

Relative A sound power level for outlet side L_{wO} (A) at octave centre frequencies

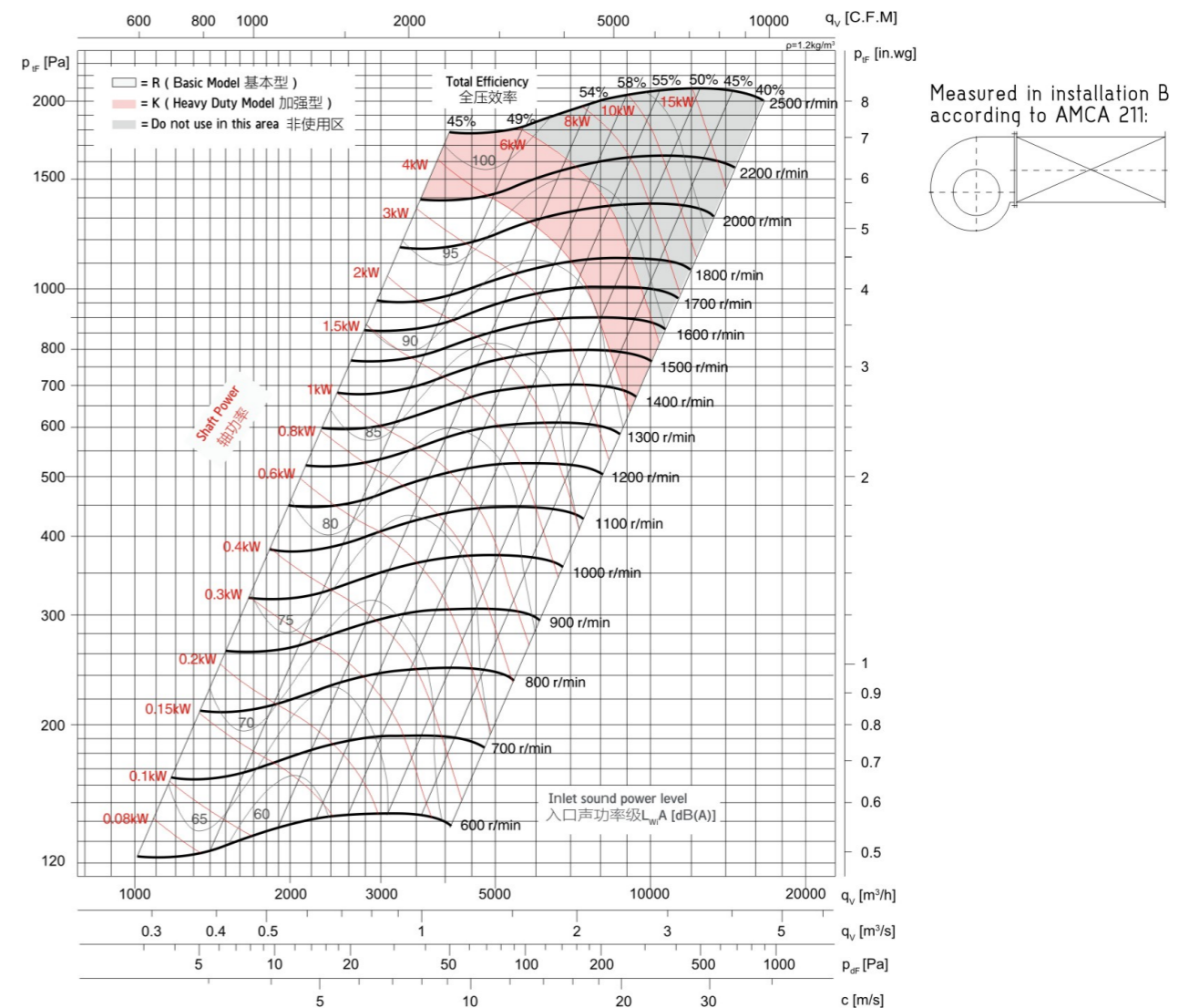
风机出口侧噪声八倍频谱A声功率级衰减值 L_{wO} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-9	-2	-8	-13	-17	-15	-18	-28	dB
49	-9	-2	-9	-13	-13	-17	-19	-21	dB
54	-9	-3	-7	-11	-17	-15	-14	-24	dB
58	-6	-4	-8	-11	-15	-14	-16	-26	dB
55	-8	-2	-9	-14	-14	-16	-18	-23	dB
50	-8	-3	-9	-14	-13	-15	-16	-21	dB
45	-7	-3	-9	-13	-12	-14	-15	-19	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 315 mm	Fan weight	风机质量(不含电机)	m = 142 kg
Moment of inertia	转动惯量	J = 0.1 kg·m ²	Speed limit	极限转速	n _{max} = 2200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
54	-37	-27	-31	-27	-27	-28	-30	-38	dB
57	-38	-27	-31	-27	-27	-8	-30	-37	dB
60	-38	-27	-31	-27	-27	-28	-30	-37	dB
63	-47	-33	-34	-27	-25	-27	-28	-34	dB
62	-48	-32	-35	-28	-25	-27	-28	-34	dB
55	-49	-36	-37	-29	-25	-25	-27	-33	dB
44	-52	-37	-37	-31	-26	-25	-26	-33	dB

Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies

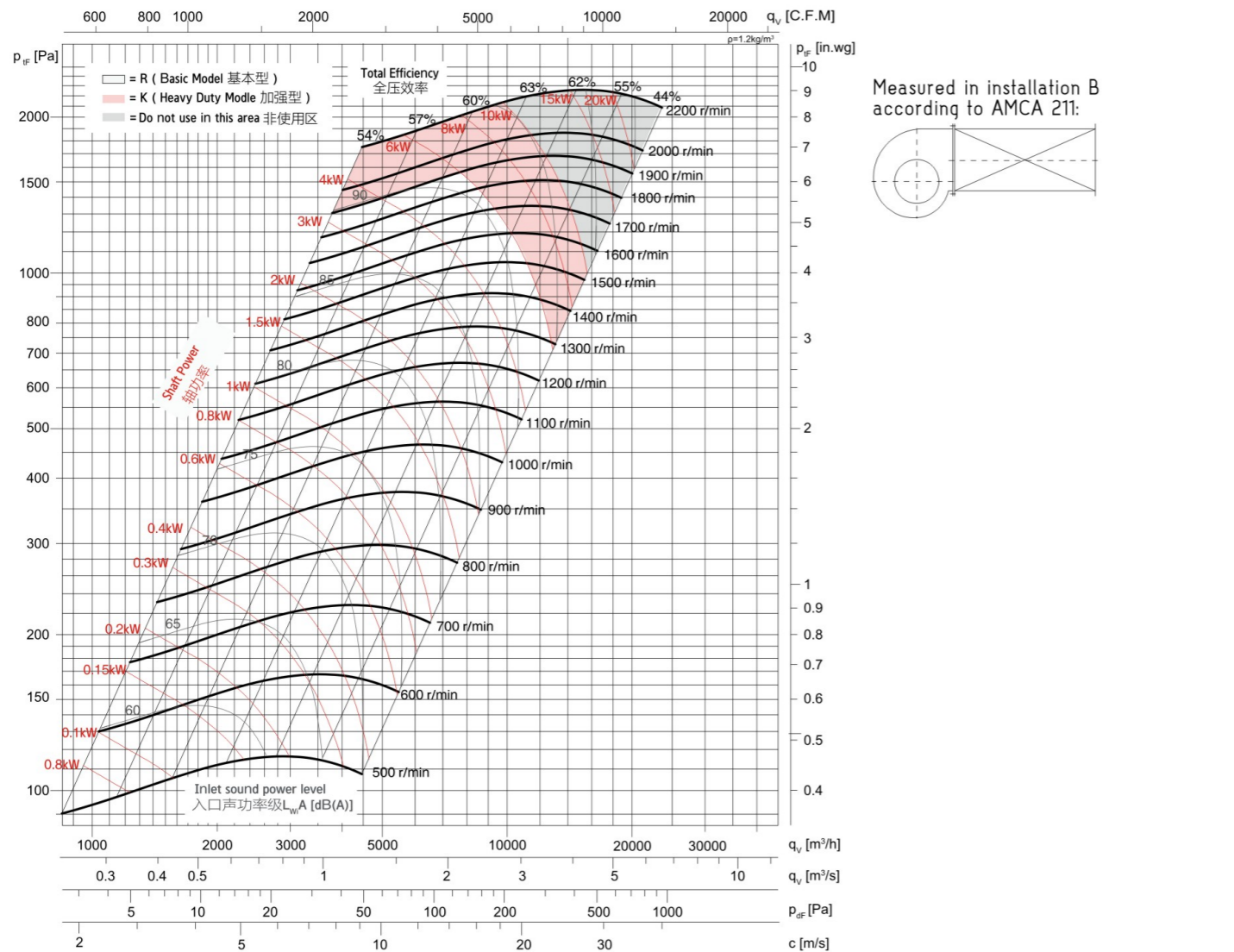
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
54	-15	-5	-11	-7	-8	-9	-11	-18	dB
57	-15	-5	-11	-7	-8	-9	-11	-18	dB
60	-15	-5	-12	-7	-8	-9	-11	-18	dB
63	-20	-10	-14	-7	-5	-7	-9	-15	dB
62	-21	-9	-14	-7	-5	-7	-9	-15	dB
55	-21	-12	-15	-9	-5	-6	-8	-14	dB
44	-23	-11	-15	-11	-5	-5	-7	-13	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 355 mm	Fan weight	风机质量(不含电机)	m = 173 kg
Moment of inertia	转动惯量	J = 0.15 kg·m ²	Speed limit	极限转速	n _{max} = 2000 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
54	-37	-27	-31	-27	-27	-28	-30	-38	dB
57	-38	-27	-31	-27	-27	-28	-30	-37	dB
60	-38	-27	-31	-27	-27	-28	-30	-37	dB
63	-47	-33	-34	-27	-25	-7	-28	-34	dB
62	-48	-32	-35	-28	-25	-27	-28	-34	dB
55	-49	-36	-37	-29	-25	-25	-27	-33	dB
44	-52	-37	-37	-31	-26	-25	-27	-33	dB

Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies

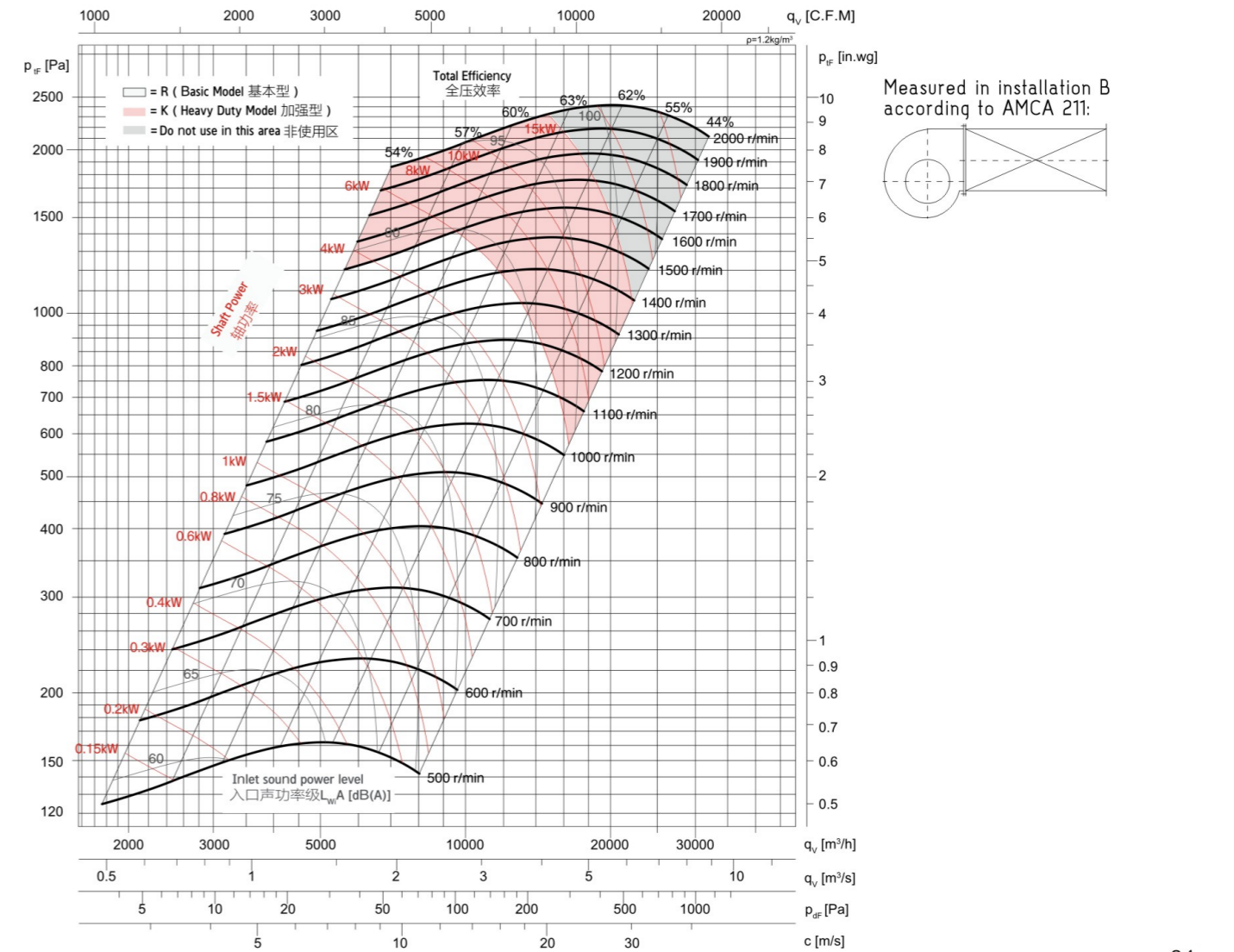
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
54	-15	-5	-11	-7	-8	-9	-11	-18	dB
57	-15	-5	-12	-7	-8	-9	-11	-18	dB
60	-15	-5	-12	-7	-8	-9	-11	-18	dB
63	-20	-10	-14	-7	-5	-7	-9	-15	dB
62	-21	-9	-14	-7	-5	-7	-9	-15	dB
55	-21	-12	-15	-9	-5	-6	-8	-14	dB
44	-23	-11	-15	-11	-2	-5	-7	-13	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 400 mm	Fan weight	风机质量(不含电机)	m = 210 kg
Moment of inertia	转动惯量	J = 0.31 kg m ²	Speed limit	极限转速	n _{max} = 1800 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(lm)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减 L_{w(lm)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
54	-37	-27	-31	-27	-27	-28	-30	-38	dB
57	-38	-27	-31	-27	-27	-28	-30	-37	dB
60	-38	-27	-31	-27	-27	-28	-30	-37	dB
63	-47	-33	-34	-27	-25	-27	-28	-34	dB
62	-48	-32	-35	-28	-25	-27	-28	-34	dB
55	-49	-36	-37	-29	-25	-27	-28	-33	dB
44	52	-38	-37	-31	-26	-25	-26	-33	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

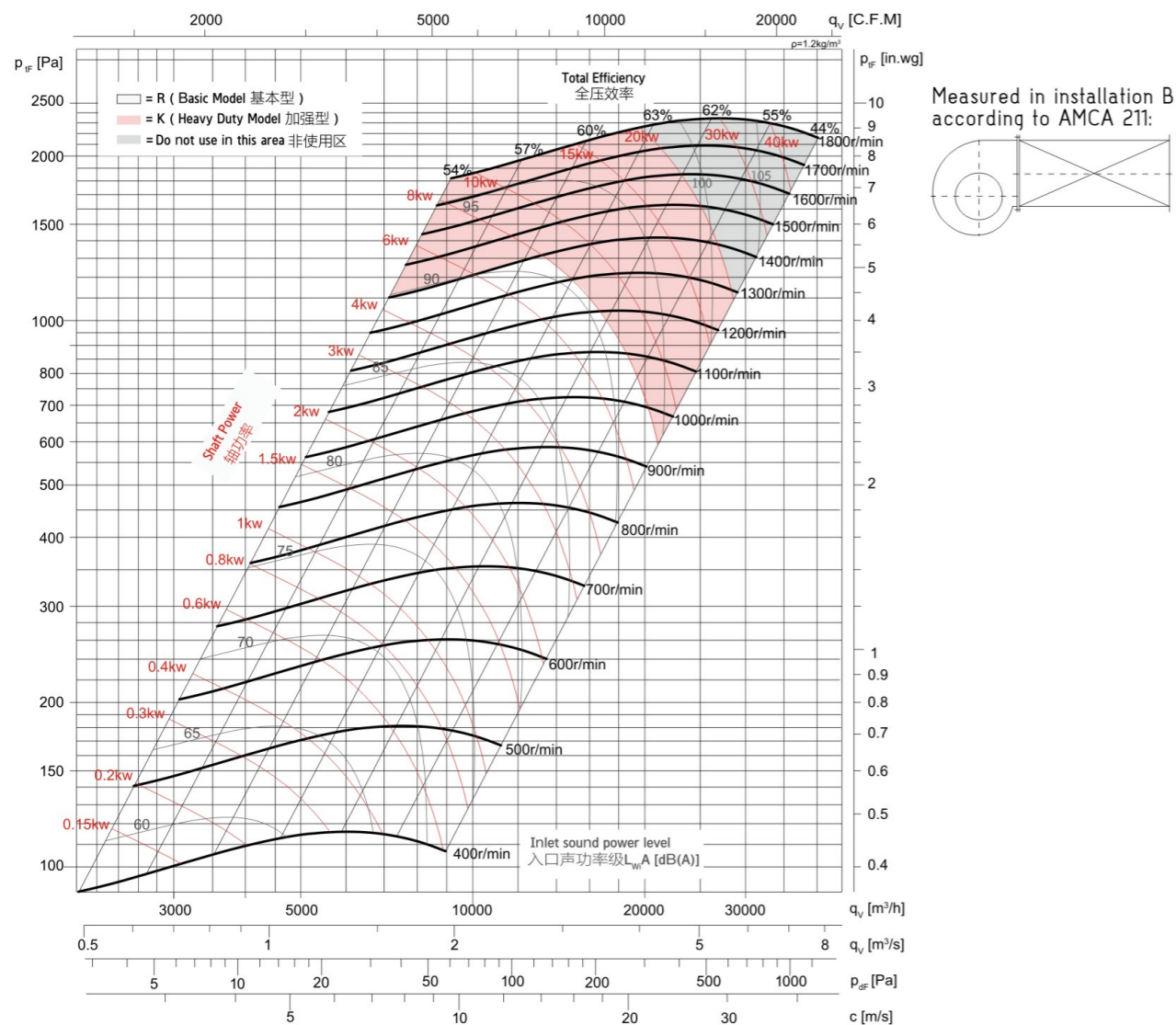
风机出口侧噪声八倍频谱A声功率级衰减 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
54	-15	-5	-11	-7	-8	-9	-11	-18	dB
57	-15	-5	-12	-7	-8	-9	-11	-18	dB
60	-15	-5	-13	-7	-8	-9	-10	-17	dB
63	-20	-10	-14	-7	-5	-7	-9	-15	dB
62	-21	-9	-14	-7	-5	-7	-9	-15	dB
55	-21	-12	-15	-9	-5	-6	-8	-14	dB
44	-23	12	-15	-11	-6	-5	-7	-13	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值(KW)不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International标准301计算，刻值为安装类型B：自由入口，管道出口的声功率级(入口L_{wi}A)。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 450 mm	Fan weight	风机质量(不含电机)	m = 268 kg
Moment of inertia	转动惯量	J = 0.48 kg m ²	Speed limit	极限转速	n _{max} = 1600 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(lm)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减 L_{w(lm)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-36	-29	-29	-26	-26	-28	-33	-38	dB
50	-36	-29	-29	-26	-27	-28	-32	-37	dB
62	-39	-29	-30	-26	-27	-28	-30	-37	dB
68	-46	-35	-33	-24	-27	-27	-29	-36	dB
66	-47	-36	-34	-24	-27	-27	-29	-36	dB
60	-49	-37	-35	-25	-27	-26	-29	-36	dB
53	-51	-38	-36	-26	-26	-26	-28	-35	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

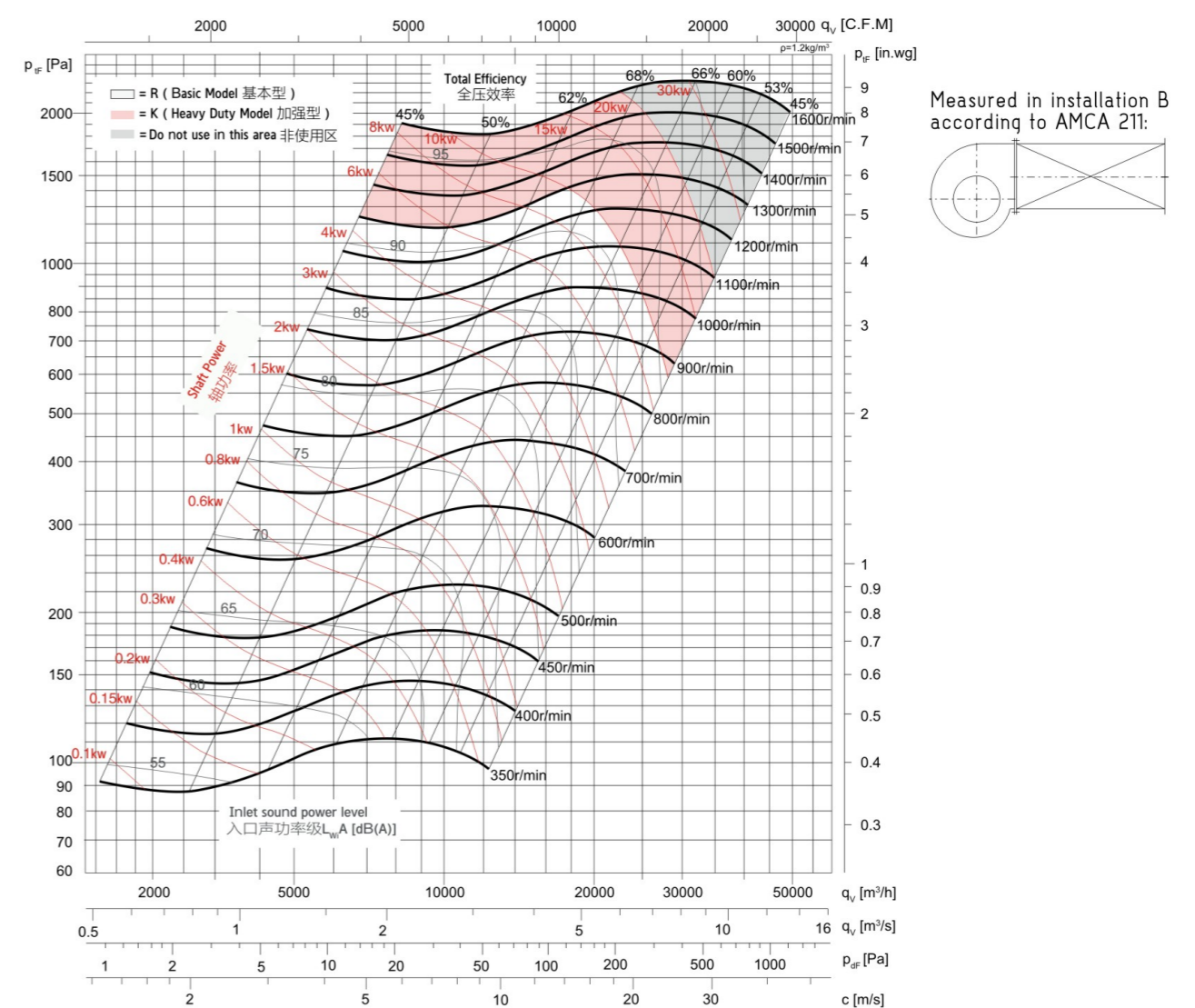
风机出口侧噪声八倍频谱A声功率级衰减 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-11	-7	-9	-7	-7	-9	-14	-19	dB
50	-10	-7	-9	-7	-8	-9	-13	-18	dB
62	-13	-7	-10	-6	-8	-9	-11	-18	dB
68	-17	-9	-12	-5	-8	-8	-10	-17	dB
66	-18	-10	-12	-5	-8	-8	-10	-17	dB
60	-20	-11	-14	-5	-7	-6	-9	-16	dB
53	-22	-12	-14	-6	-7	-6	-9	-16	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值(KW)不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International标准301计算，刻值为安装类型B：自由入口，管道出口的声功率级(入口L_{wi}A)。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 500 mm	Fan weight	风机质量(不含电机)	m = 305 kg
Moment of inertia	转动惯量	J = 0.9 kg m ²	Speed limit	极限转速	n _{max} = 1300 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-36	-29	-29	-26	-26	-28	-33	-38	dB
50	-36	-29	-29	-26	-27	-28	-32	-37	dB
62	-39	-29	-30	-26	-27	-28	-30	-37	dB
68	-46	-35	-33	-24	-27	-27	-29	-36	dB
66	-47	-36	-34	-24	-27	-27	-29	-36	dB
60	-49	-37	-35	-25	-27	-26	-29	-36	dB
53	-51	-38	-36	-26	-26	-28	-35	dB	

Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies

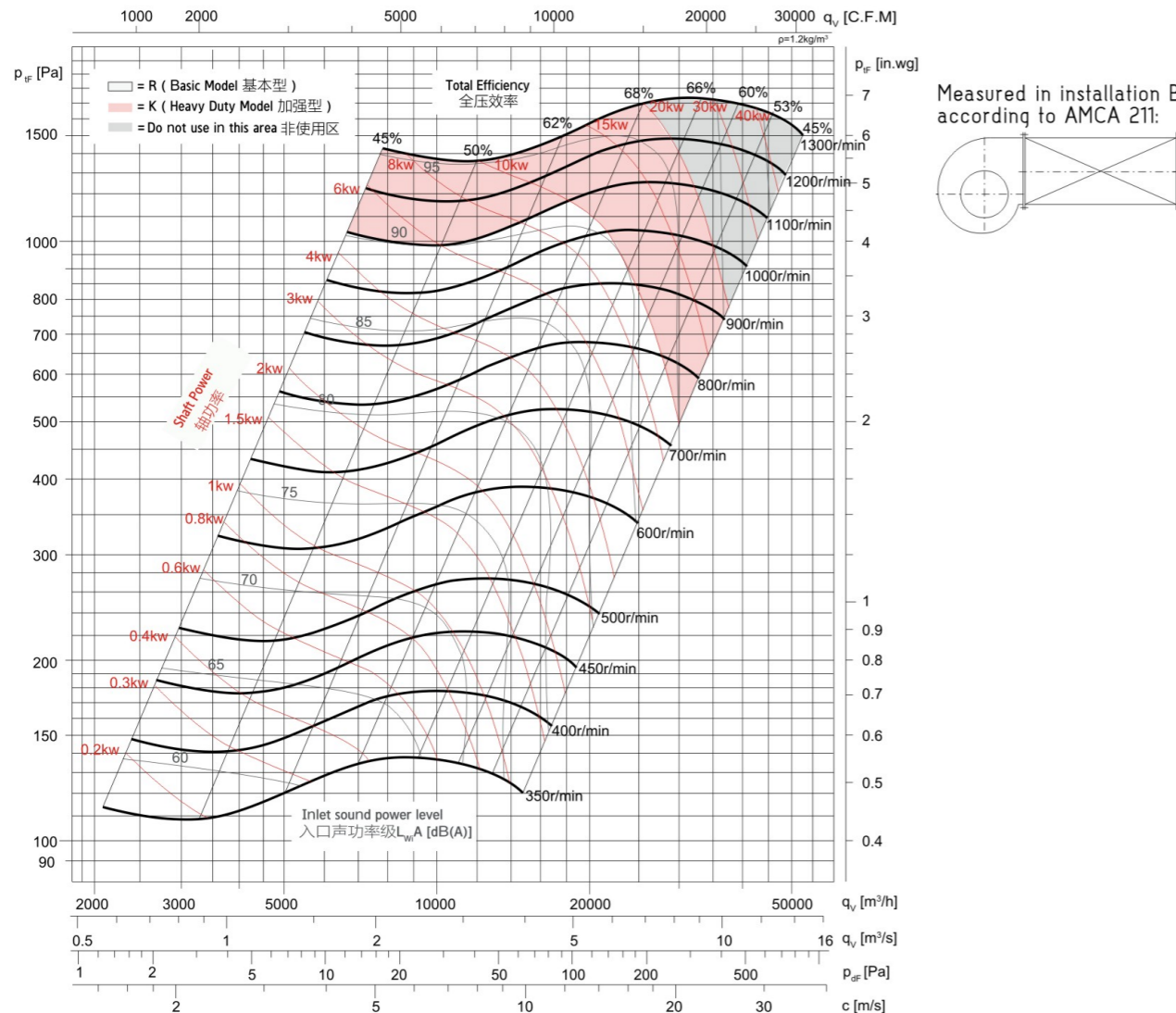
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-11	-7	-9	-7	-7	-9	-14	-19	dB
50	-10	-7	-9	-7	-8	-9	-13	-18	dB
62	-13	-7	-10	-6	-8	-9	-11	-18	dB
68	-17	-9	-12	-5	-8	-8	-10	-17	dB
66	-18	-10	-12	-5	-8	-8	-10	-17	dB
60	-20	-11	-14	-5	-7	-6	-9	-16	dB
53	-22	-12	-14	-6	-7	-6	-9	-16	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 560 mm	Fan weight	风机质量(不含电机)	m = 435 kg
Moment of inertia	转动惯量	J = 1.66 kg m ²	Speed limit	极限转速	n _{max} = 1200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-36	-29	-29	-26	-26	-28	-33	-38	dB
50	-36	-29	-29	-26	-27	-28	-32	-37	dB
52	-39	-29	-30	-26	-27	-28	-30	-37	dB
68	-46	-35	-33	-24	-27	-27	-29	-36	dB
66	-47	-36	-34	-24	-27	-27	-29	-36	dB
60	-49	-37	-35	-25	-27	-26	-29	-36	dB
53	-51	-38	-36	-26	-26	-28	-35	dB	

Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies

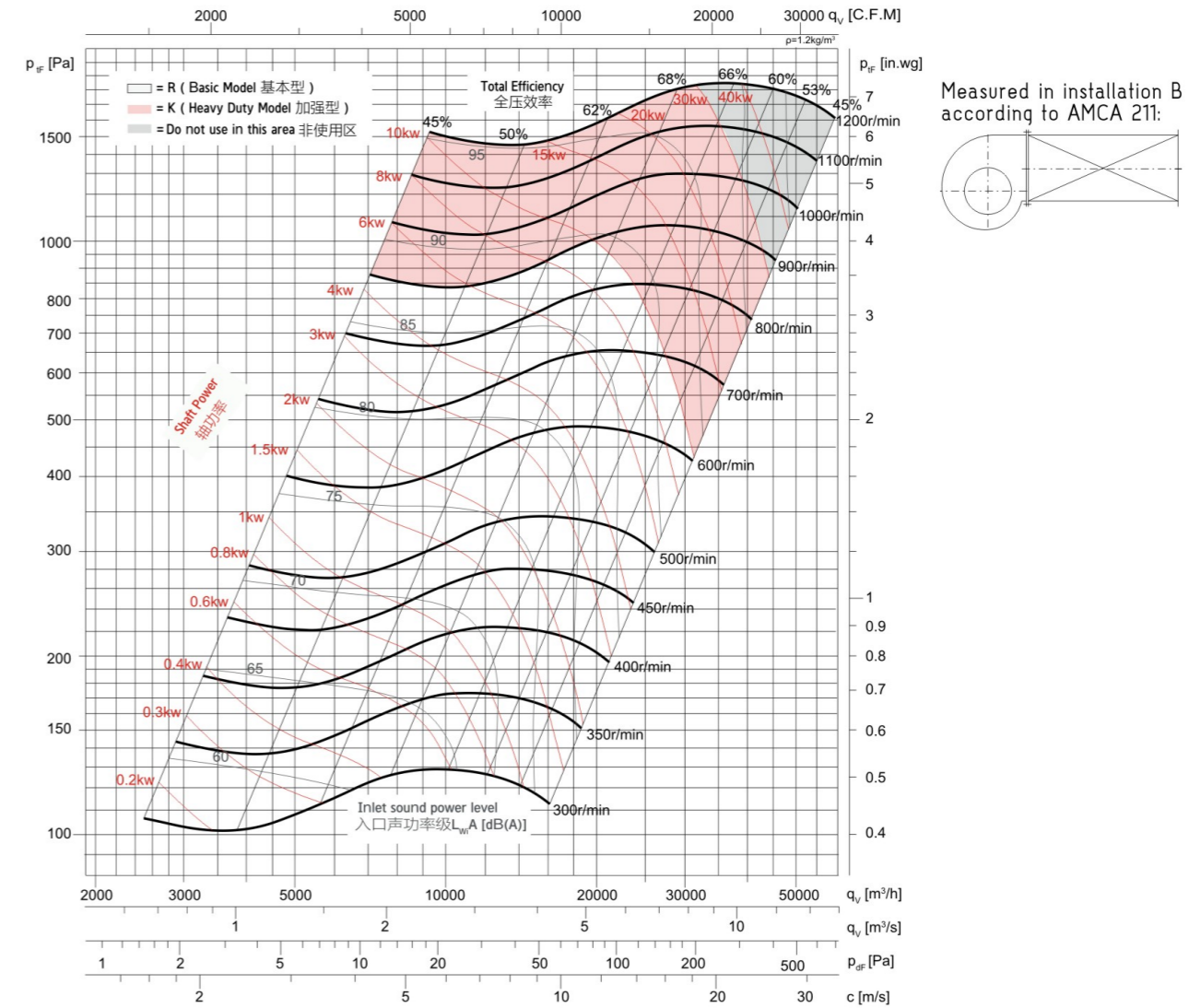
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-11	-7	-9	-7	-7	-9	-14	-19	dB
50	-10	-7	-9	-7	-8	-9	-13	-18	dB
52	-14	-7	-10	-6	-7	-8	-10	-17	dB
68	-17	-9	-12	-5	-8	-8	-10	-17	dB
66	-18	-10	-12	-5	-8	-8	-10	-17	dB
60	-20	-11	-14	-5	-7	-6	-9	-16	dB
53	-22	-12	-14	-6	-7	-6	-9	-16	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 630 mm	Fan weight	风机质量(不含电机)	m = 480 kg
Moment of inertia	转动惯量	J = 2.15 kg·m ²	Speed limit	极限转速	n _{max} = 1000 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wl(m)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wl(m)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-36	-29	-29	-26	-26	-28	-33	-38	dB
50	-36	-29	-29	-26	-27	-28	-32	-37	dB
62	-39	-29	-30	-26	-27	-28	-30	-37	dB
68	-46	-35	-33	-24	-27	-27	-29	-36	dB
66	-47	-36	-34	-24	-27	-27	-29	-36	dB
60	-49	-37	-35	-25	-27	-26	-29	-36	dB
53	-51	-38	-36	-26	-26	-28	-35	dB	

Relative A sound power level for outlet side L_{wc}(A) at octave centre frequencies

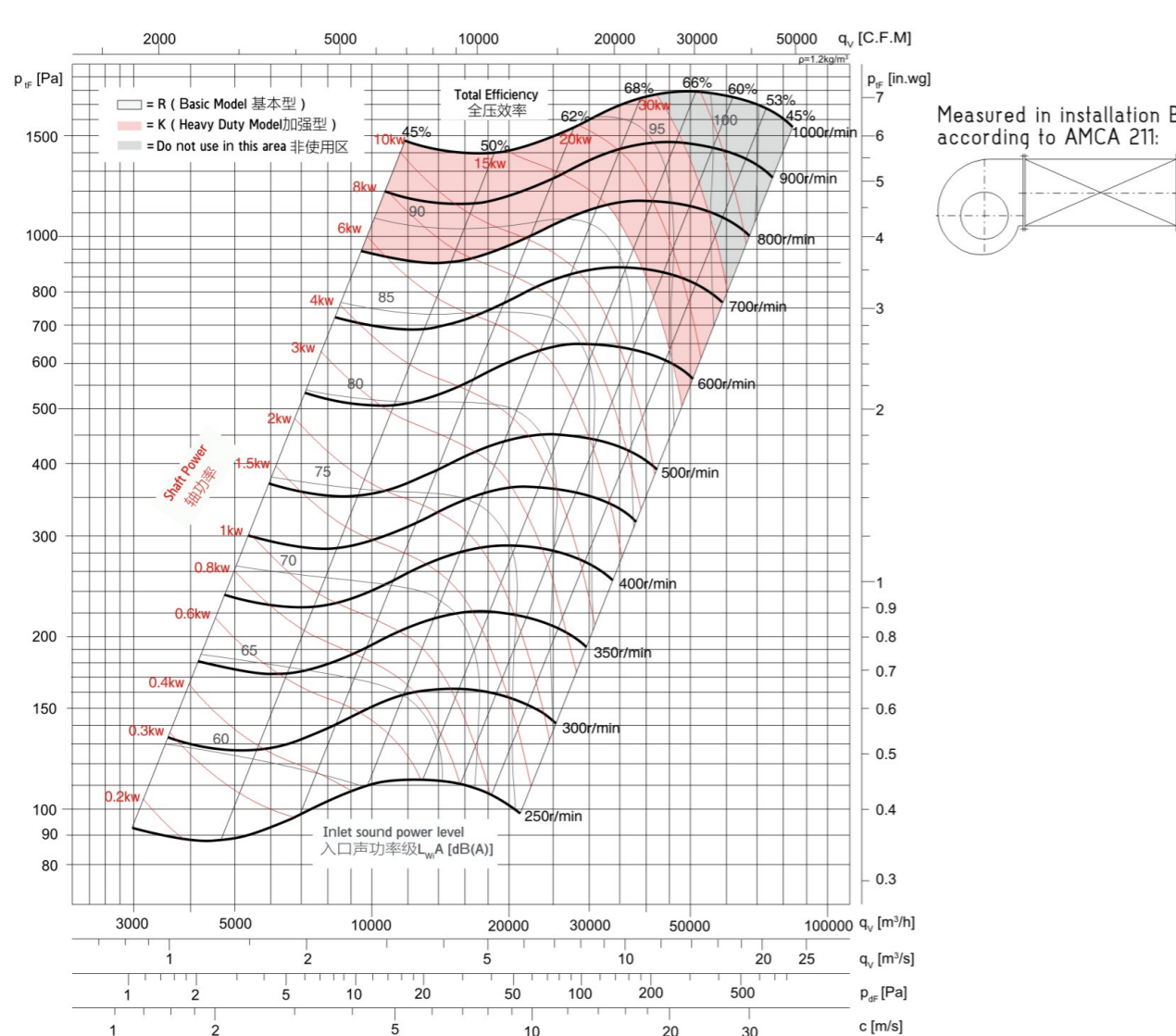
风机出口侧噪声八倍频谱A声功率级衰减值 L_{wc}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-11	-7	-9	-7	-7	-9	-14	-19	dB
50	-10	-7	-9	-7	-8	-9	-13	-18	dB
62	-14	-7	-10	-6	-7	-8	-10	-17	dB
68	-17	-9	-12	-5	-8	-8	-10	-17	dB
66	-18	-10	-12	-5	-8	-8	-10	-17	dB
60	-20	-11	-14	-5	-7	-6	-9	-16	dB
53	-22	-12	-14	-6	-7	-6	-9	-16	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 710 mm	Fan weight	风机质量(不含电机)	m = 670 kg
Moment of inertia	转动惯量	J = 4.02 kg·m ²	Speed limit	极限转速	n _{max} = 900 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wl(m)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wl(m)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-36	-29	-29	-26	-26	-28	-33	-38	dB
50	-36	-29	-29	-26	-27	-28	-32	-37	dB
62	-39	-29	-30	-26	-27	-28	-32	-37	dB
68	-46	-35	-33	-24	-27	-27	-29	-36	dB
66	-47	-36	-34	-24	-27	-27	-29	-36	dB
60	-49	-37	-35	-25	-27	-26	-29	-36	dB
53	-51	-38	-36	-26	-26	-28	-35	dB	

Relative A sound power level for outlet side L_{wc}(A) at octave centre frequencies

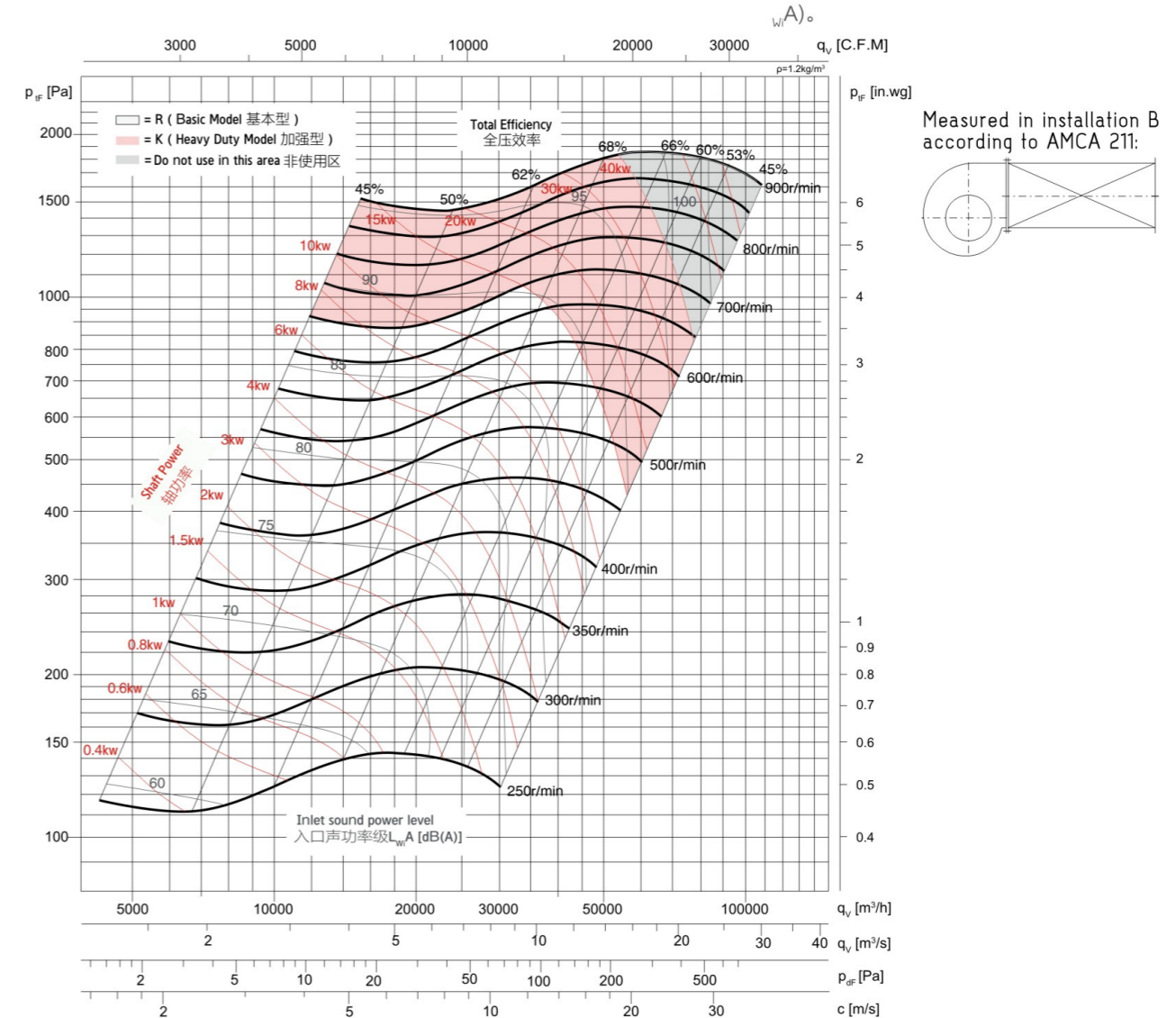
风机出口侧噪声八倍频谱A声功率级衰减值 L_{wc}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-11	-7	-9	-7	-7	-9	-14	-19	dB
50	-10	-7	-9	-7	-8	-9	-13	-18	dB
62	-14	-7	-10	-7	-7	-8	-10	-17	dB
68	-17	-9	-12	-8	-8	-8	-10	-17	dB
66	-18	-10	-12	-8	-8	-8	-10	-17	dB
60	-20	-11	-14	-7	-7	-6	-9	-16	dB
53	-22	-12	-14	-7	-7	-6	-9	-16	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 800 mm	Fan weight	风机质量(不含电机)	m = 750 kg
Moment of inertia	转动惯量	J = 8.31 kg·m ²	Speed limit	极限转速	n _{max} = 800 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
53	-37	-29	-29	-26	-27	-28	-31	-37	dB
57	-38	-29	-29	-26	-27	-28	-31	-37	dB
63	-39	-29	-30	-26	-27	-28	-30	-37	dB
67	-43	-32	-32	-25	-27	-27	-29	-36	dB
68	-46	-35	-33	-24	-27	-27	-29	-36	dB
66	-47	-36	-34	-24	-27	-27	-29	-36	dB
57	-50	-32	-36	-25	-26	-26	-28	-35	dB

Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies

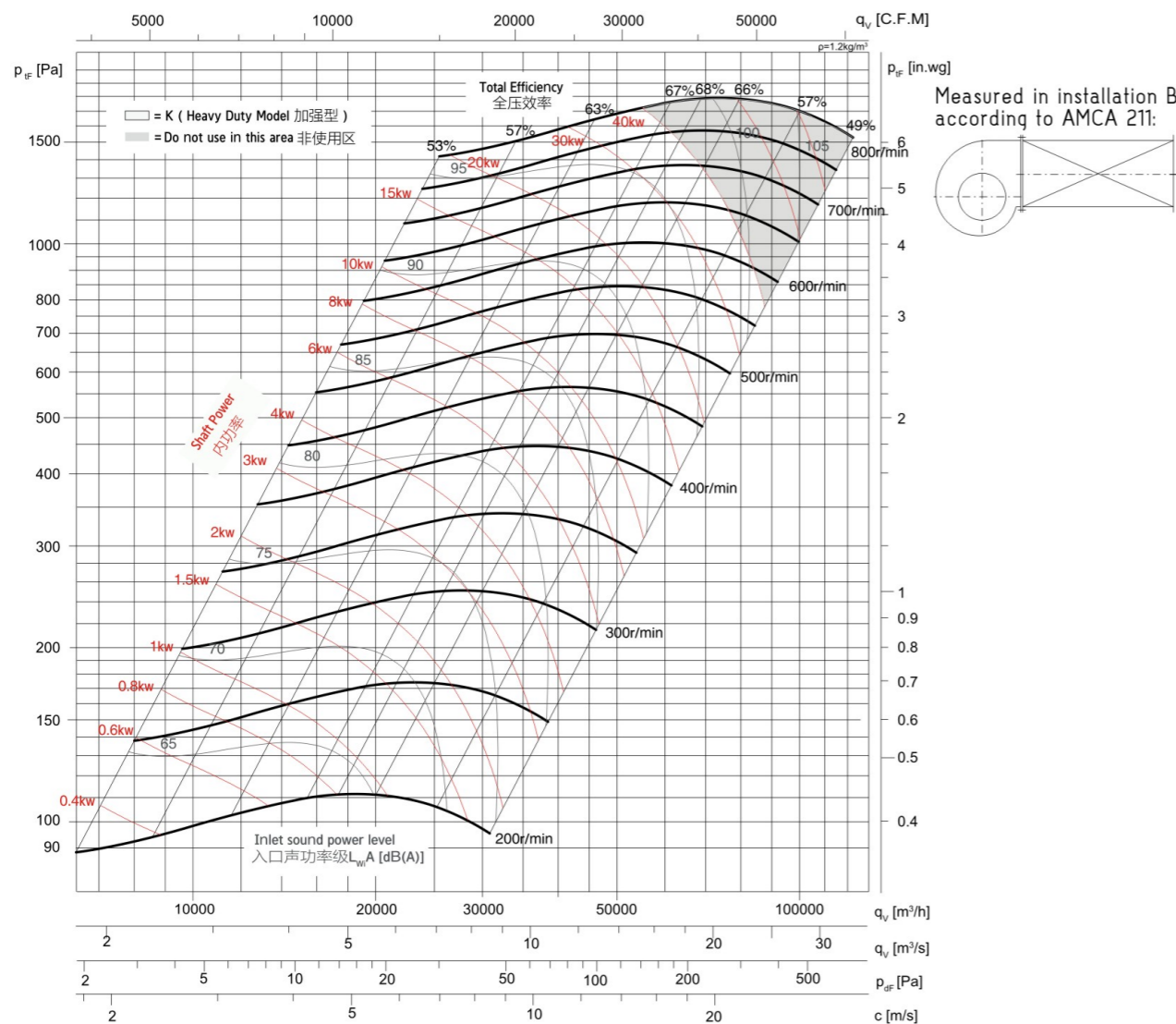
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
53	-12	-7	-9	-6	-8	-9	-12	-18	dB
57	-12	-7	-10	-6	-8	-9	-11	-18	dB
63	-14	-7	-10	-6	-7	-8	-10	-17	dB
67	-14	-7	-11	-6	-8	-9	-11	-18	dB
68	-17	-9	-12	-5	-8	-8	-10	-17	dB
66	-18	-10	-12	-5	-8	-8	-10	-17	dB
57	-21	-12	-14	-6	-7	-6	-9	-16	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 900 mm	Fan weight	风机质量(不含电机)	m = 985 kg
Moment of inertia	转动惯量	J = 12.7 kg·m ²	Speed limit	极限转速	n _{max} = 700 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
53	-36	-29	-29	-26	-27	-28	-32	-37	dB
57	-38	-29	-30	-26	-27	-28	-31	-37	dB
63	-39	-29	-30	-26	-27	-28	-30	-37	dB
67	-43	-32	-32	-25	-27	-27	-29	-36	dB
68	-46	-35	-33	-24	-27	-27	-29	-36	dB
66	-47	-36	-34	-24	-27	-27	-29	-36	dB
57	-5	-38	-36	-25	-26	-26	-28	-35	dB

Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies

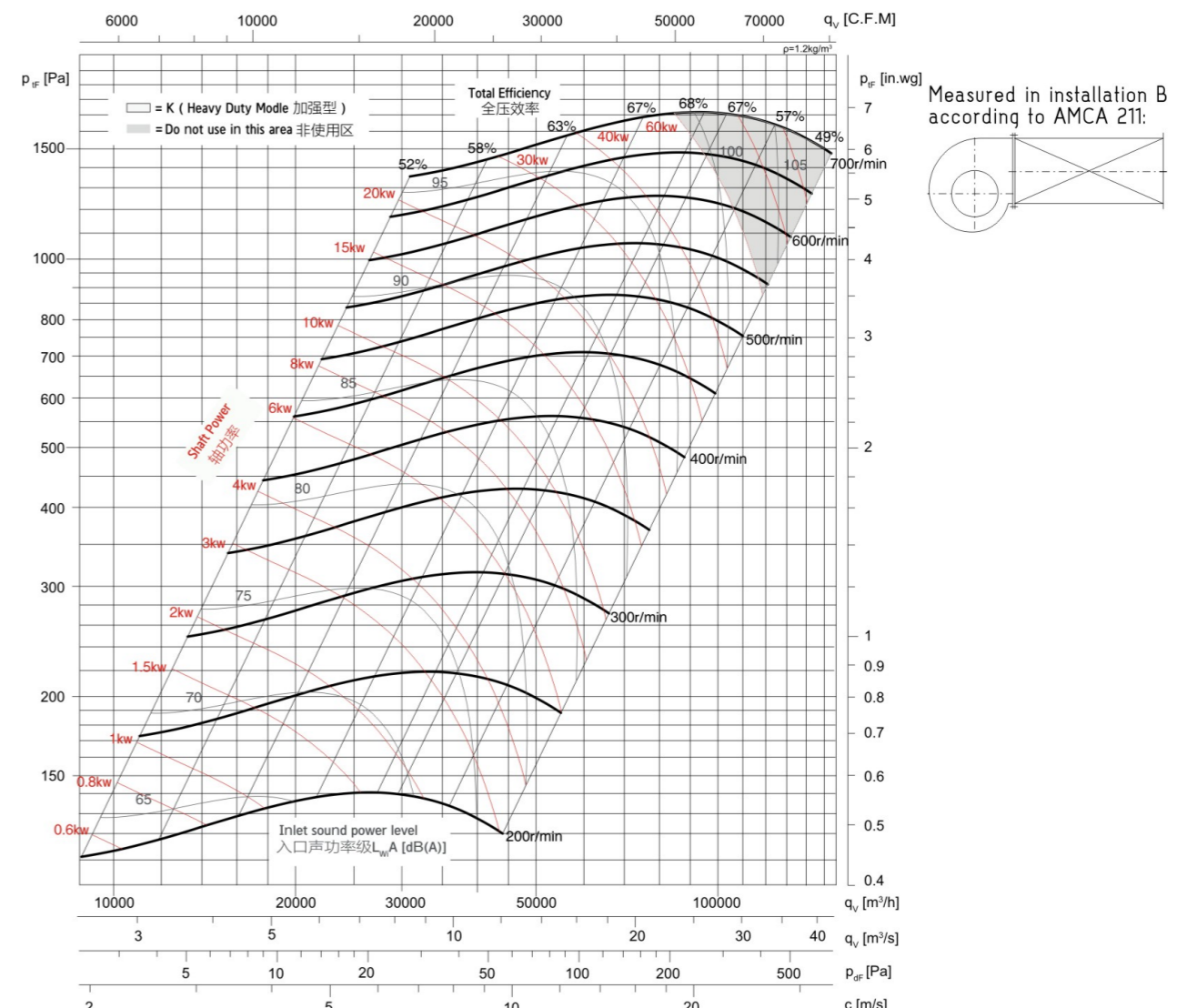
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
53	-11	-7	-9	-6	-8	-9	-12	-18	dB
57	-12	-7	-10	-6	-8	-9	-11	-18	dB
63	-14	-7	-10	-6	-7	-8	-10	-17	dB
67	-15	-8	-11	-5	-8	-8	-10	-17	dB
68	-17	-10	-13	-5	-8	-8	-10	-17	dB
66	-18	-10	-13	-5	-8	-8	-10	-17	dB
57	-21	-12	-14	-6	-7	-6	-9	-16	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 1000 mm	Fan weight	风机质量(不含电机)	m = 1150 kg
Moment of inertia	转动惯量	J = 18.9 kg m ²	Speed limit	极限转速	n _{max} = 600 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wfm(A)} at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wfm(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-36	-29	-29	-26	-27	-28	-32	-37	dB
54	-36	-29	-29	-26	-27	-28	-32	-37	dB
63	-38	-29	-30	-26	-27	-28	-31	-37	dB
67	-42	-32	-31	-25	-27	-27	-30	-36	dB
68	-46	-35	-33	-24	-27	-27	-29	-36	dB
66	-47	-36	-34	-24	-27	-27	-29	-36	dB
57	-50	-38	-36	-25	-26	-26	-28	-35	dB

Relative A sound power level for outlet side L_{wlo(A)} at octave centre frequencies

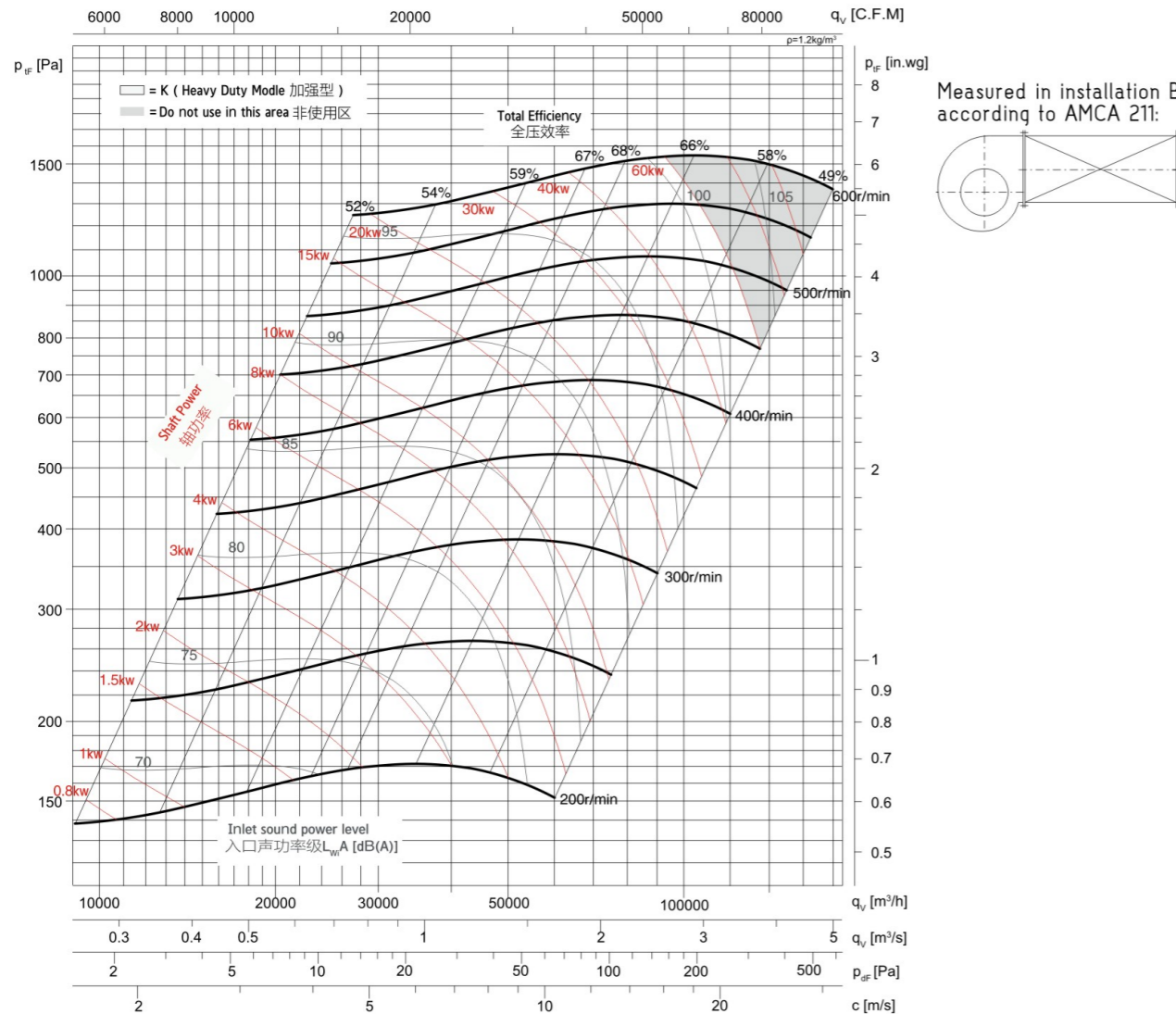
风机出口侧噪声八倍频谱A声功率级衰减值 L_{wlo(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
52	-11	-7	-9	-6	-8	-9	-12	-18	dB
54	-11	-7	-9	-7	-8	-9	-12	-18	dB
63	-13	-7	-10	-6	-8	-9	-11	-18	dB
67	-14	-8	-10	-5	-8	-8	-11	-17	dB
68	-17	-10	-10	-5	-8	-8	-10	-17	dB
66	-18	-10	-13	-5	-8	-8	-10	-17	dB
57	-21	-12	-14	-6	-6	-6	-9	-16	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值(KW)不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B: 自由入口，管道出口的声功率级(入口L_{wi}A)。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 280 mm	Fan weight	风机质量(不含电机)	m = 100 kg
Moment of inertia	转动惯量	J = 0.069 kg m ²	Speed limit	极限转速	n _{max} = 4500 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wfm(A)} at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wfm(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
59	-50	-34	-32	-25	-25	-27	-30	-40	dB
66	-51	-34	-33	-25	-25	-28	-30	-40	dB
69	-51	-34	-34	-25	-25	-28	-30	-40	dB
67	-51	-36	-35	-24	-25	-27	-30	-40	dB
59	-51	-37	-35	-25	-25	-28	-30	-40	dB
50	-51	-38	-35	-25	-25	-28	-30	-40	dB
36	-51	-39	-35	-25	-25	-28	-30	-40	dB

Relative A sound power level for outlet side L_{wlo(A)} at octave centre frequencies

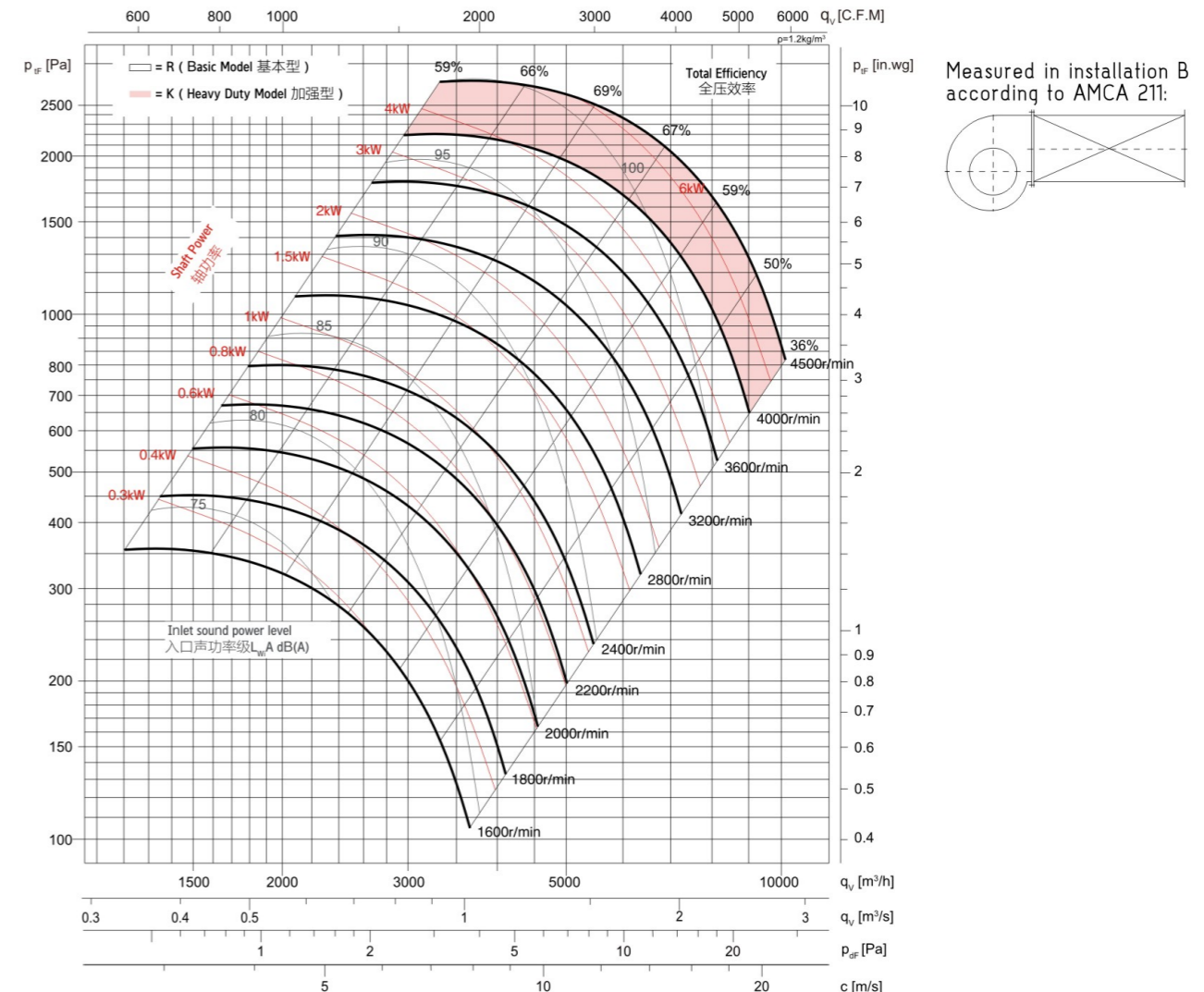
风机出口侧噪声八倍频谱A声功率级衰减值 L_{wlo(A)}

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
59	-23	-11	-10	-5	-6	-8	-11	-21	dB
66	-24	-11	-11	-5	-5	-8	-11	-21	dB
69	-24	-11	-12	-5	-5	-8	-10	-21	dB
67	-23	-11	-12	-4	-6	-8	-11	-21	dB
59	-21	-11	-11	-5	-5	-9	-11	-21	dB
50	-21	-11	-13	-5	-5	-8	-11	-20	dB
36	-21	-12	-13	-5	-5	-8	-10	-20	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值(KW)不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B: 自由入口，管道出口的声功率级(入口L_{wi}A)。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 315 mm	Fan weight	风机质量(不含电机)	m = 142 kg
Moment of inertia	转动惯量	J = 0.11 kg·m ²	Speed limit	极限转速	n _{max} = 4000 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wl(m)}(A) at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wl(m)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
63	-43	-37	-35	-22	-28	-30	-34	-41	dB
70	-44	-42	-40	-21	-30	-30	-34	-42	dB
74	-44	-43	-40	-22	-29	-29	-33	-41	dB
71	-45	-41	-39	-23	-27	-27	-31	-41	dB
63	-45	-42	-39	-23	-27	-27	-30	-40	dB
49	-48	-44	-41	-22	-28	-28	-32	-40	dB
30	-48	-43	-39	-23	-27	-27	-30	-38	dB

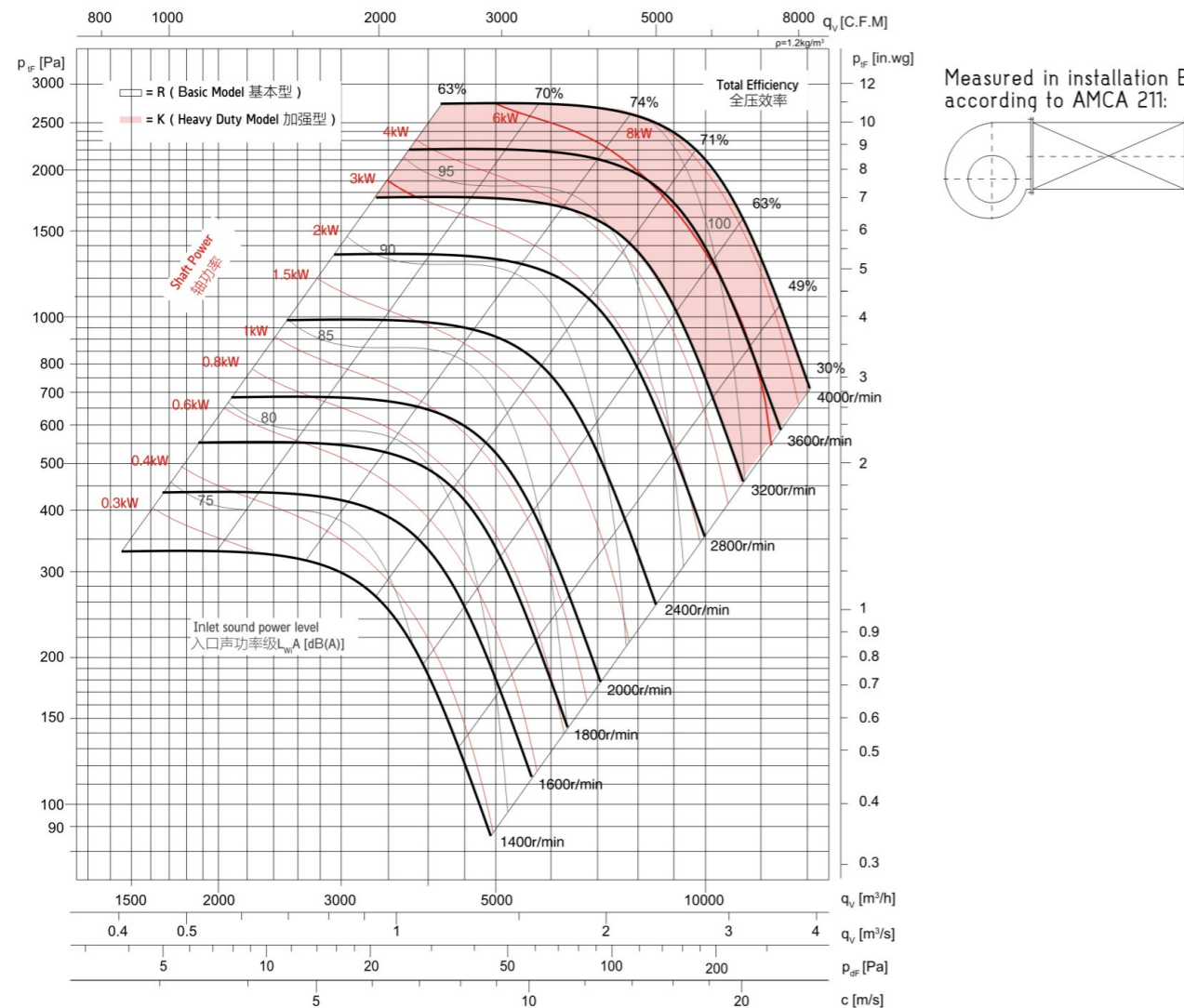
Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
63	-16	-14	-13	-2	-9	-10	-14	-22	dB
70	-17	-19	-18	-1	-11	-11	-15	-23	dB
74	-17	-20	-18	-2	-9	-9	-14	-22	dB
71	-17	-16	-16	-3	-8	-8	-12	-21	dB
63	-15	-16	-14	-4	-7	-7	-11	-21	dB
49	-18	-17	-19	-2	-9	-9	-12	-21	dB
30	-18	-16	-17	-3	-8	-7	-11	-18	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 355 mm	Fan weight	风机质量(不含电机)	m = 173 kg
Moment of inertia	转动惯量	J = 0.2 kg·m ²	Speed limit	极限转速	n _{max} = 3800 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wl(m)}(A) at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wl(m)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
63	-43	-37	-35	-22	-28	-30	-34	-41	dB
70	-44	-42	-40	-21	-30	-30	-34	-42	dB
74	-44	-43	-40	-22	-29	-29	-33	-41	dB
71	-45	-41	-39	-23	-27	-27	-31	-41	dB
63	-45	-42	-39	-23	-27	-27	-30	-40	dB
49	-48	-44	-41	-22	-28	-28	-32	-40	dB
30	-48	-43	-39	-23	-27	-27	-30	-38	dB

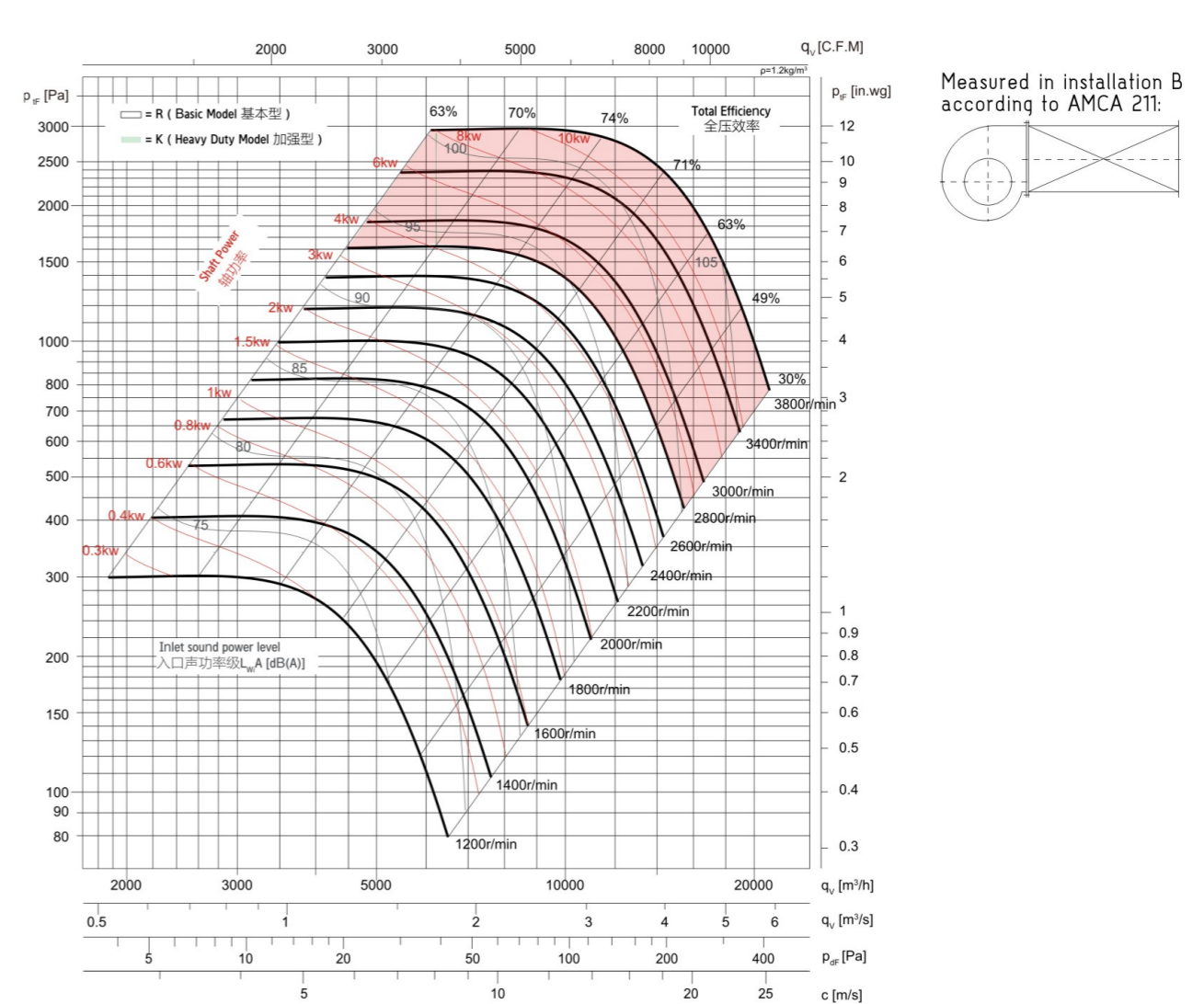
Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
63	-16	-14	-13	-2	-9	-10	-14	-22	dB
70	-17	-19	-18	-1	-11	-11	-15	-23	dB
74	-17	-20	-18	-2	-9	-9	-14	-22	dB
71	-17	-16	-16	-3	-8	-8	-12	-21	dB
63	-15	-16	-14	-4	-7	-7	-11	-21	dB
49	-18	-17	-19	-2	-9	-9	-12	-21	dB
30	-18	-16	-17	-3	-8	-7	-11	-18	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 400 mm	Fan weight	风机质量(不含电机)	m = 210 kg
Moment of inertia	转动惯量	J = 0.34 kg·m ²	Speed limit	极限转速	n _{max} = 3200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(film)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(film)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
66	-43	-36	-31	-23	-28	-29	-32	-39	dB
71	-45	-38	-33	-22	-28	-29	-33	-39	dB
75	-52	-44	-39	-22	-27	-29	-34	-41	dB
74	-53	-45	-40	-22	-27	-29	-34	-42	dB
69	-53	-45	-40	-22	-27	-28	-33	-42	dB
60	-55	-46	-41	-22	-29	-29	-34	-43	dB
46	-54	-44	-40	-22	-28	-28	-32	-40	dB

Relative A sound power level for outlet side L_{w(o)} (A) at octave centre frequencies

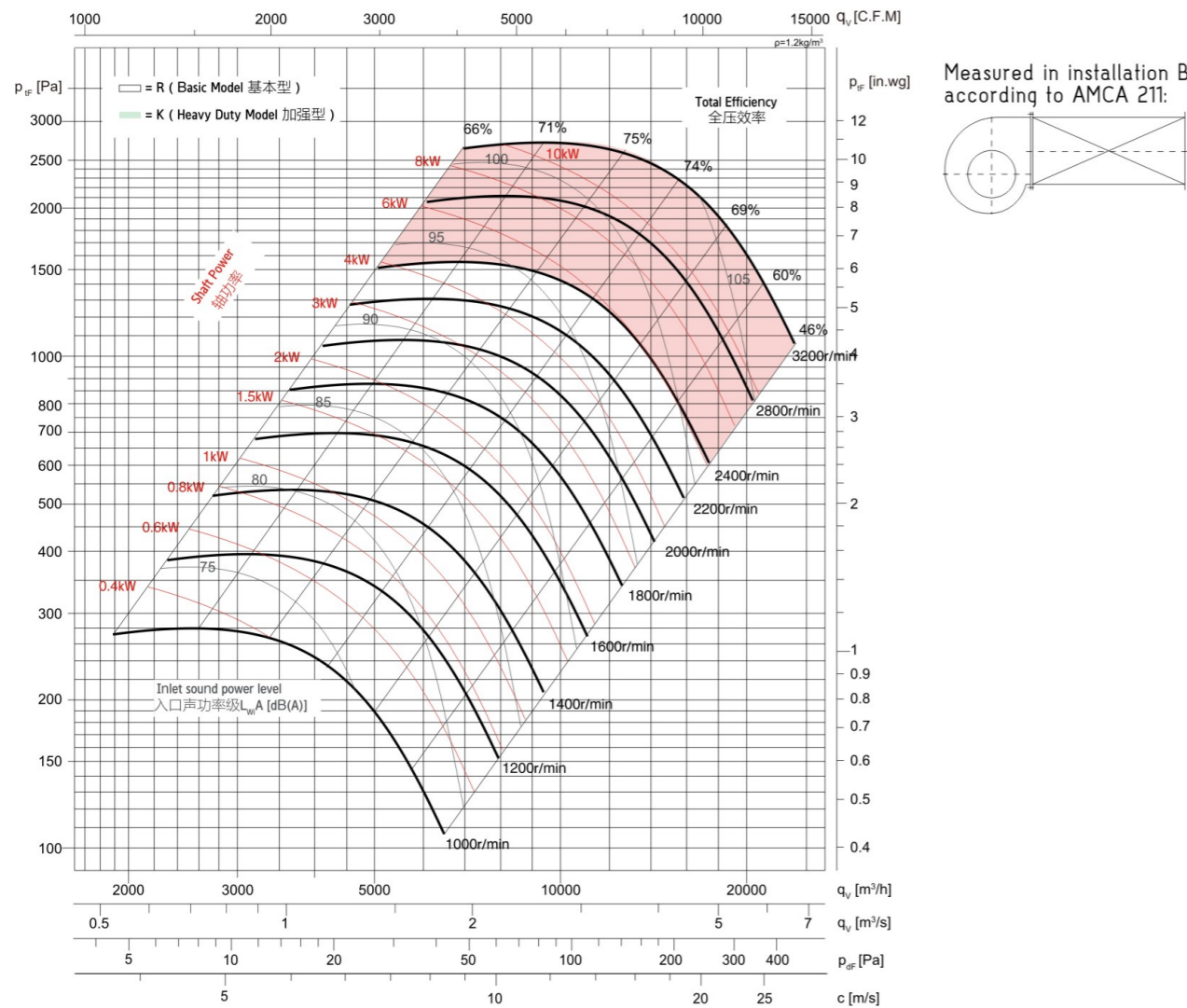
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
66	-16	-13	-9	-3	-8	-10	-13	-19	dB
71	-18	-15	-11	-2	-8	-10	-14	-20	dB
75	-25	-21	-17	-2	-8	-10	-14	-21	dB
74	-25	-19	-17	-2	-7	-9	-14	-21	dB
69	-23	-18	-15	-2	-7	-9	-14	-23	dB
60	-25	-19	-19	-2	-9	-10	-15	-23	dB
46	-24	-17	-17	-2	-8	-9	-13	-20	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 450 mm	Fan weight	风机质量(不含电机)	m = 268 kg
Moment of inertia	转动惯量	J = 0.51 kg·m ²	Speed limit	极限转速	n _{max} = 2800 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(film)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(film)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
66	-43	-36	-31	-23	-28	-29	-32	-39	dB
71	-45	-38	-33	-22	-28	-29	-33	-39	dB
75	-52	-44	-39	-22	-27	-29	-34	-41	dB
74	-53	-45	-40	-22	-27	-29	-34	-42	dB
69	-53	-45	-40	-22	-27	-28	-33	-42	dB
60	-55	-46	-41	-22	-29	-29	-34	-43	dB
46	-54	-44	-40	-22	-28	-28	-32	-40	dB

Relative A sound power level for outlet side L_{w(o)} (A) at octave centre frequencies

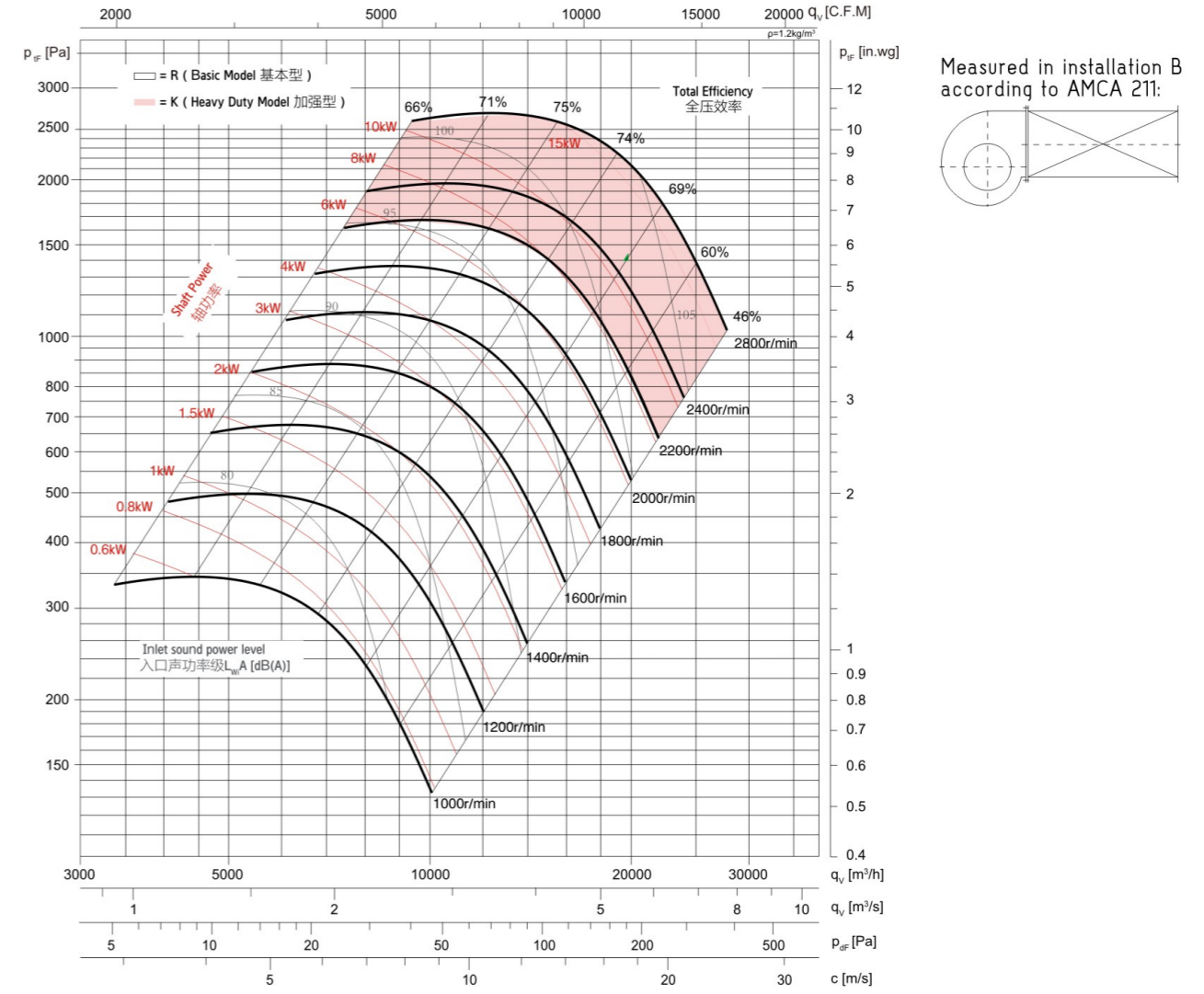
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
66	-16	-13	-9	-3	-8	-10	-13	-19	dB
71	-18	-15	-11	-2	-8	-10	-14	-20	dB
75	-25	-21	-17	-2	-8	-10	-14	-21	dB
74	-25	-19	-17	-2	-7	-9	-14	-21	dB
69	-23	-18	-15	-2	-7	-9	-14	-23	dB
60	-25	-19	-19	-2	-9	-10	-15	-23	dB
46	-24	-17	-17	-2	-8	-9	-13	-20	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 500 mm	Fan weight	风机质量(不含电机)	m = 305 kg
Moment of inertia	转动惯量	J = 0.88 kg·m ²	Speed limit	极限转速	n _{max} = 2800 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wl(m)}(A) at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wl(m)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
66	-43	-36	-31	-23	-28	-29	-32	-39	dB
71	-45	-38	-33	-22	-28	-29	-33	-39	dB
75	-52	-44	-39	-22	-27	-29	-34	-41	dB
74	-53	-45	-40	-22	-27	-29	-34	-42	dB
69	-53	-45	-40	-22	-27	-28	-33	-42	dB
60	-55	-46	-41	-22	-29	-29	-34	-43	dB
46	-54	-44	-40	-22	-28	-28	-32	-40	dB

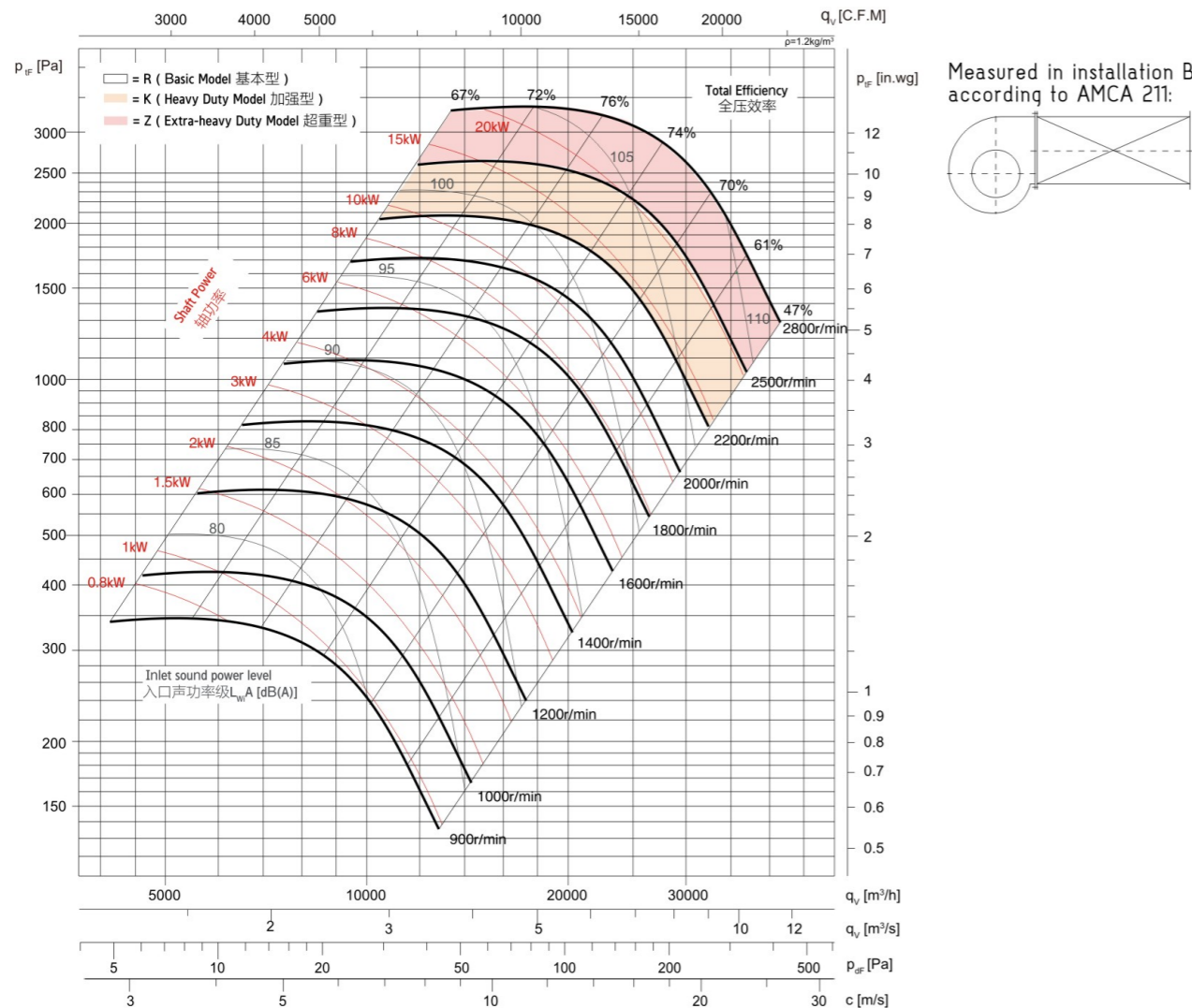
Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
66	-16	-13	-9	-3	-8	-10	-13	-19	dB
71	-18	-15	-11	-2	-8	-10	-14	-20	dB
75	-25	-21	-17	-2	-8	-10	-14	-21	dB
74	-25	-19	-17	-2	-7	-9	-14	-23	dB
69	-23	-18	-15	-2	-7	-9	-14	-23	dB
60	-25	-19	-19	-2	-9	-10	-15	-23	dB
46	-24	-17	-17	-2	-8	-9	-13	-20	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 560 mm	Fan weight	风机质量(不含电机)	m = 435 kg
Moment of inertia	转动惯量	J = 1.42 kg·m ²	Speed limit	极限转速	n _{max} = 2600 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wl(m)}(A) at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wl(m)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
66	-43	-36	-31	-23	-28	-29	-32	-39	dB
71	-45	-38	-33	-22	-28	-29	-33	-39	dB
75	-52	-44	-39	-22	-27	-29	-34	-41	dB
74	-53	-45	-40	-22	-27	-29	-34	-42	dB
69	-53	-45	-40	-22	-27	-28	-33	-42	dB
60	-55	-46	-41	-22	-29	-29	-34	-43	dB
46	-54	-44	-40	-22	-28	-28	-32	-40	dB

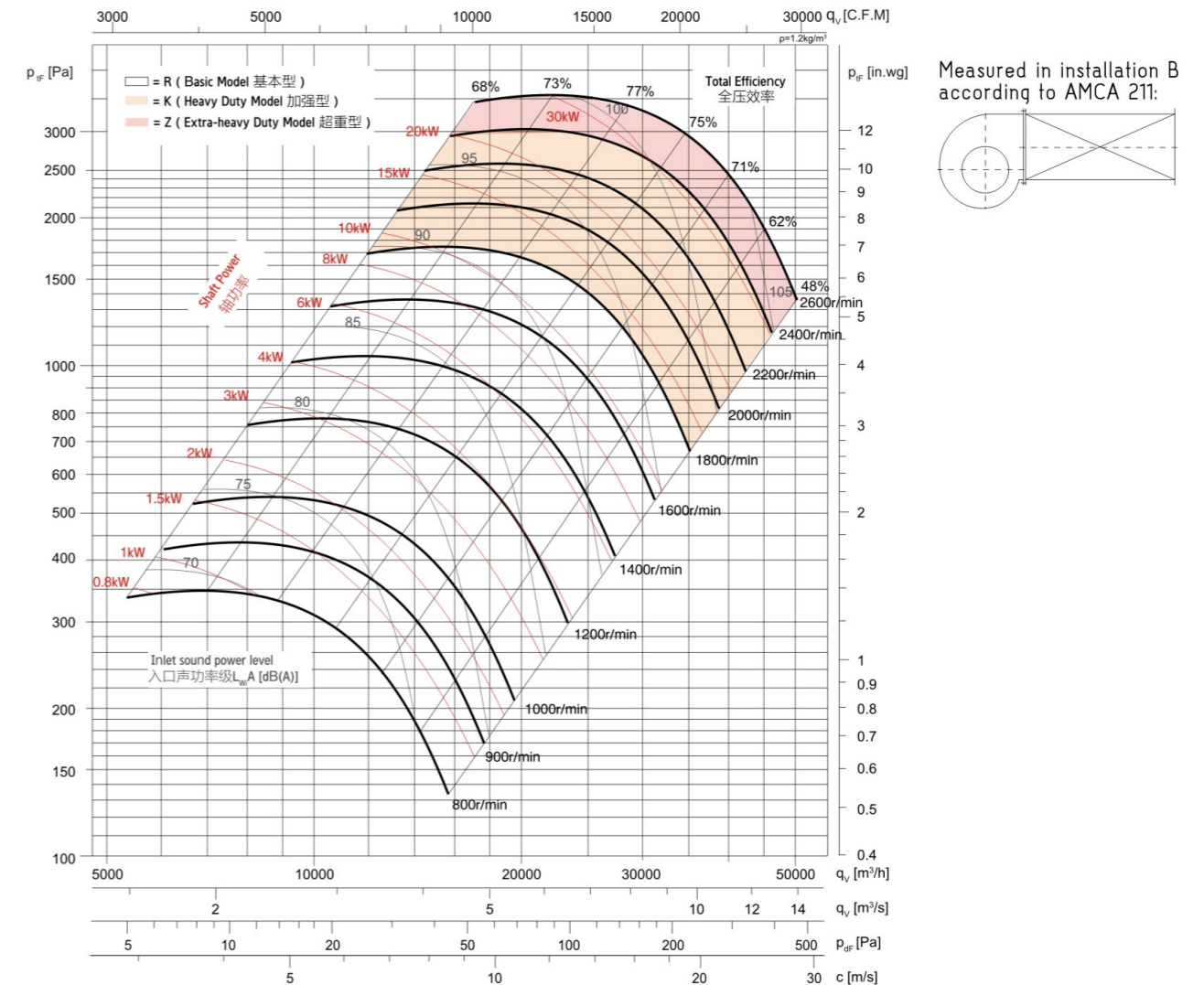
Relative A sound power level for outlet side L_{w0}(A) at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
66	-16	-13	-9	-3	-8	-10	-13	-19	dB
71	-18	-15	-11	-2	-8	-10	-14	-20	dB
75	-25	-21	-17	-2	-8	-10	-14	-21	dB
74	-25	-19	-17	-2	-7	-9	-14	-23	dB
69	-23	-18	-15	-2	-7	-9	-14	-23	dB
60	-25	-19	-19	-2	-9	-10	-15	-23	dB
46	-24	-17	-17	-2	-8	-9	-13	-20	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 630 mm	Fan weight	风机质量(不含电机)	m = 480 kg
Moment of inertia	转动惯量	J = 2.32 kg·m ²	Speed limit	极限转速	n _{max} = 2200 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wl(m)}(A) at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wl(m)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-49	-42	-25	-28	-25	-28	-35	-43	dB
75	-48	-42	-25	-27	-25	-28	-35	-43	dB
79	-48	-42	-25	-27	-25	-28	-35	-43	dB
78	-48	-43	-25	-27	-25	-28	-36	-45	dB
75	-48	-22	-25	-27	-25	-28	-35	-45	dB
68	-49	-21	-26	-27	-25	-27	-33	-44	dB
55	-49	-42	-26	-28	-25	-27	-31	-42	dB

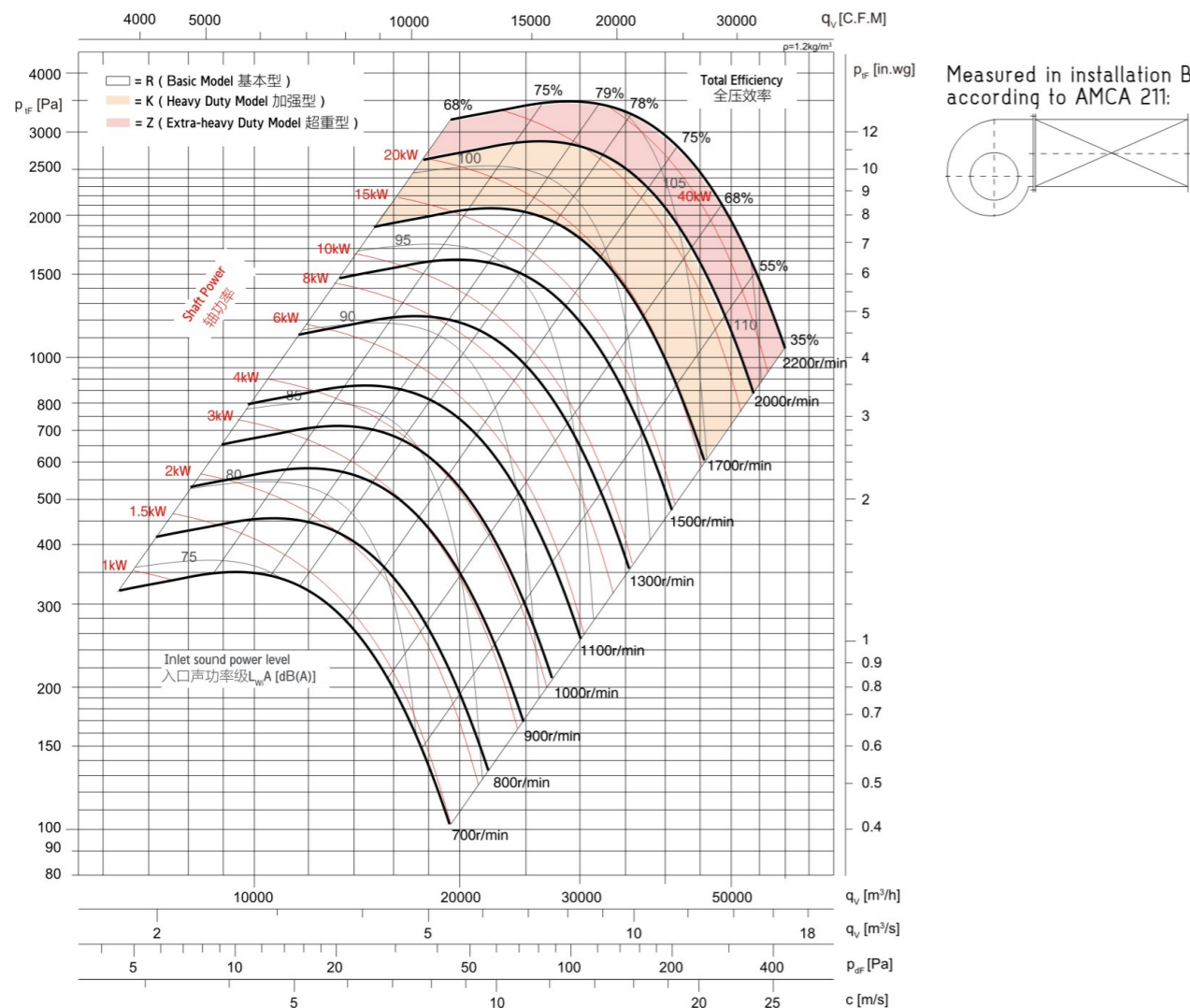
Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-24	-21	-4	-8	-6	-9	-16	-24	dB
75	-23	-21	-4	-7	-6	-8	-16	-24	dB
79	-23	-21	-5	-8	-5	-8	-16	-24	dB
78	-23	-21	-4	-7	-6	-9	-17	-26	dB
75	-23	-20	-4	-8	-6	-8	-16	-26	dB
68	-22	-18	-5	-8	-5	-8	-14	-24	dB
55	-22	-19	-5	-8	-6	-8	-12	-23	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 710 mm	Fan weight	风机质量(不含电机)	m = 670 kg
Moment of inertia	转动惯量	J = 4.75 kg·m ²	Speed limit	极限转速	n _{max} = 2000 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wl(m)}(A) at octave centre frequencies
箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wl(m)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-49	-42	-25	-28	-25	-28	-35	-43	dB
75	-48	-22	-25	-27	-25	-28	-35	-43	dB
79	-48	-42	-25	-27	-25	-28	-35	-43	dB
78	-48	-43	-25	-27	-25	-28	-36	-45	dB
75	-48	-42	-25	-27	-25	-28	-35	-45	dB
68	-49	-21	-26	-27	-25	-27	-33	-44	dB
55	-49	-42	-26	-28	-25	-27	-31	-42	dB

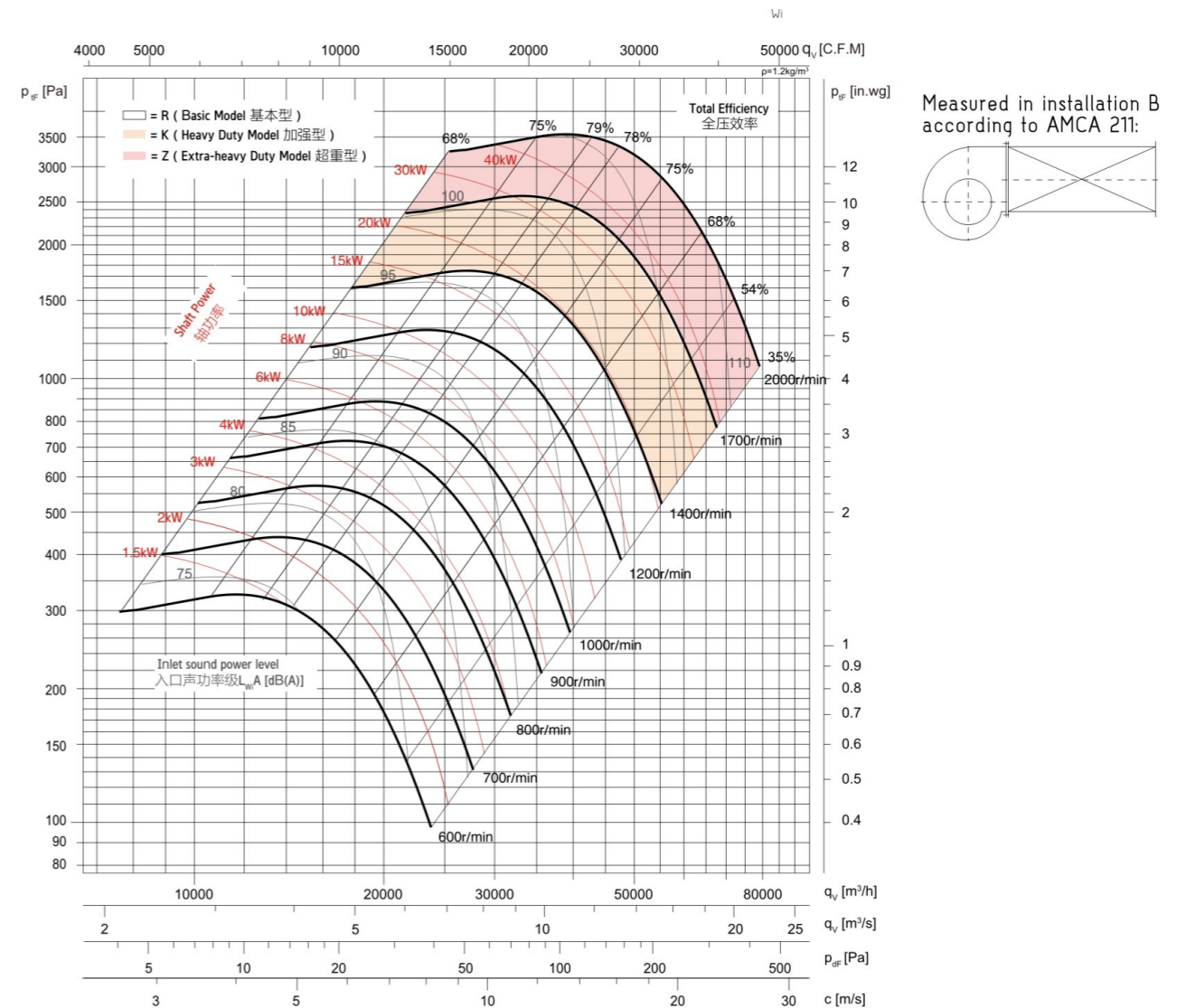
Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-24	-21	-4	-8	-6	-9	-16	-24	dB
75	-23	-21	-4	-7	-6	-8	-16	-24	dB
79	-23	-21	-5	-8	-5	-8	-16	-24	dB
78	-23	-21	-4	-7	-6	-9	-17	-26	dB
75	-23	-20	-4	-8	-6	-8	-16	-26	dB
68	-22	-18	-5	-8	-5	-8	-14	-24	dB
55	-22	-19	-5	-8	-6	-8	-12	-23	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 800 mm	Fan weight	风机质量(不含电机)	m = 750 kg
Moment of inertia	转动惯量	J = 9.25 kg·m ²	Speed limit	极限转速	n _{max} = 1600 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(lm)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(lm)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-49	-42	-25	-28	-25	-28	-35	-43	dB
75	-48	-42	-25	-27	-25	-28	-35	-43	dB
79	-48	-42	-25	-27	-25	-28	-35	-43	dB
78	-48	-43	-25	-27	-25	-28	-36	-45	dB
75	-48	-42	-25	-27	-25	-28	-35	-45	dB
68	-49	-41	-26	-27	-25	-27	-33	-44	dB
55	-49	-42	-26	-28	-25	-27	-31	-42	dB

Relative A sound power level for outlet side L_{w(o)} (A) at octave centre frequencies

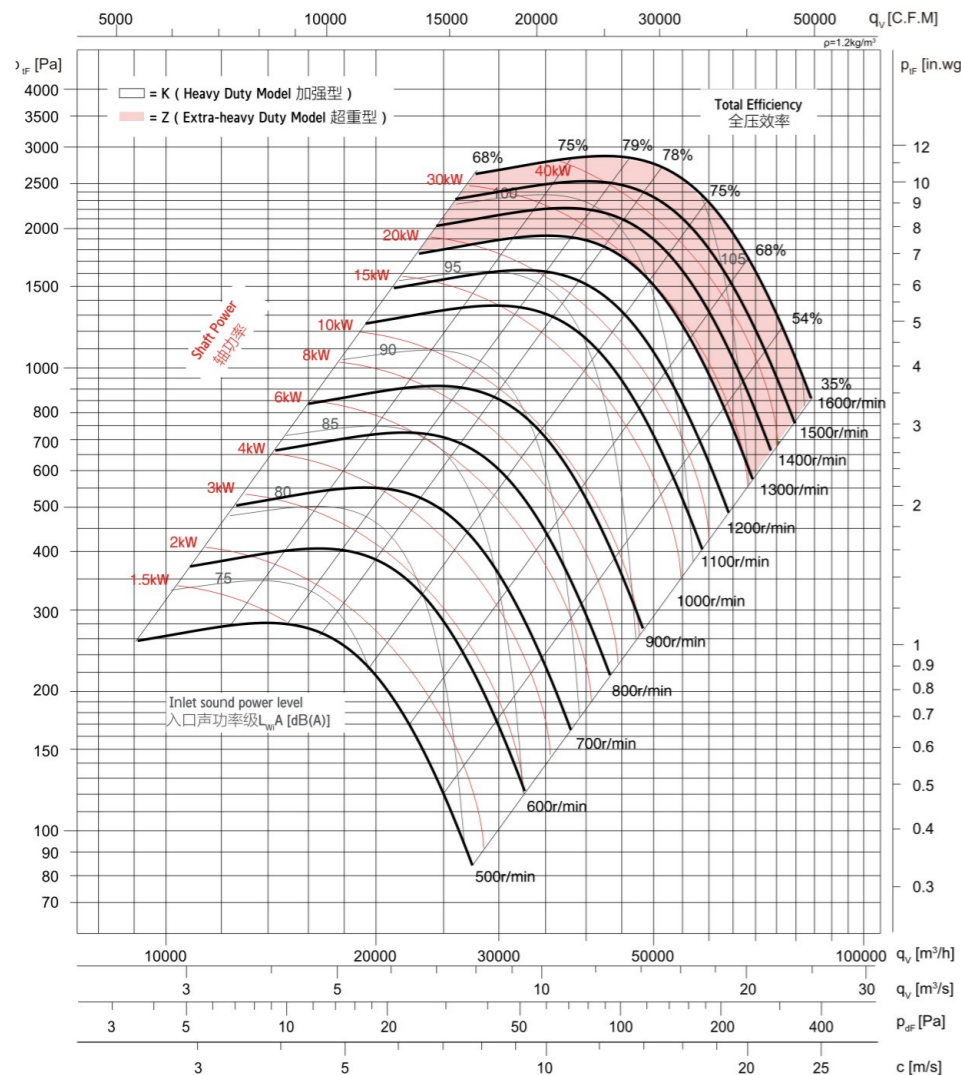
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-24	-21	-4	-8	-6	-9	-16	-24	dB
75	-23	-21	-4	-7	-6	-8	-16	-24	dB
79	-23	-21	-5	-8	-5	-8	-16	-24	dB
78	-23	-21	-4	-7	-6	-9	-17	-26	dB
75	-23	-20	-4	-8	-6	-8	-16	-26	dB
68	-22	-18	-5	-8	-5	-8	-14	-24	dB
55	-22	-19	-5	-8	-6	-8	-12	-23	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 900 mm	Fan weight	风机质量(不含电机)	m = 985 kg
Moment of inertia	转动惯量	J = 13.8 kg·m ²	Speed limit	极限转速	n _{max} = 1400 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(lm)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(lm)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-49	-42	-25	-28	-25	-28	-35	-43	dB
75	-48	-42	-25	-27	-25	-28	-35	-43	dB
79	-48	-42	-25	-27	-25	-28	-35	-43	dB
78	-48	-43	-25	-27	-25	-28	-36	-45	dB
75	-48	-42	-25	-27	-25	-28	-35	-45	dB
68	-49	-41	-26	-27	-25	-27	-33	-44	dB
55	-49	-42	-26	-28	-25	-27	-31	-42	dB

Relative A sound power level for outlet side L_{w(o)} (A) at octave centre frequencies

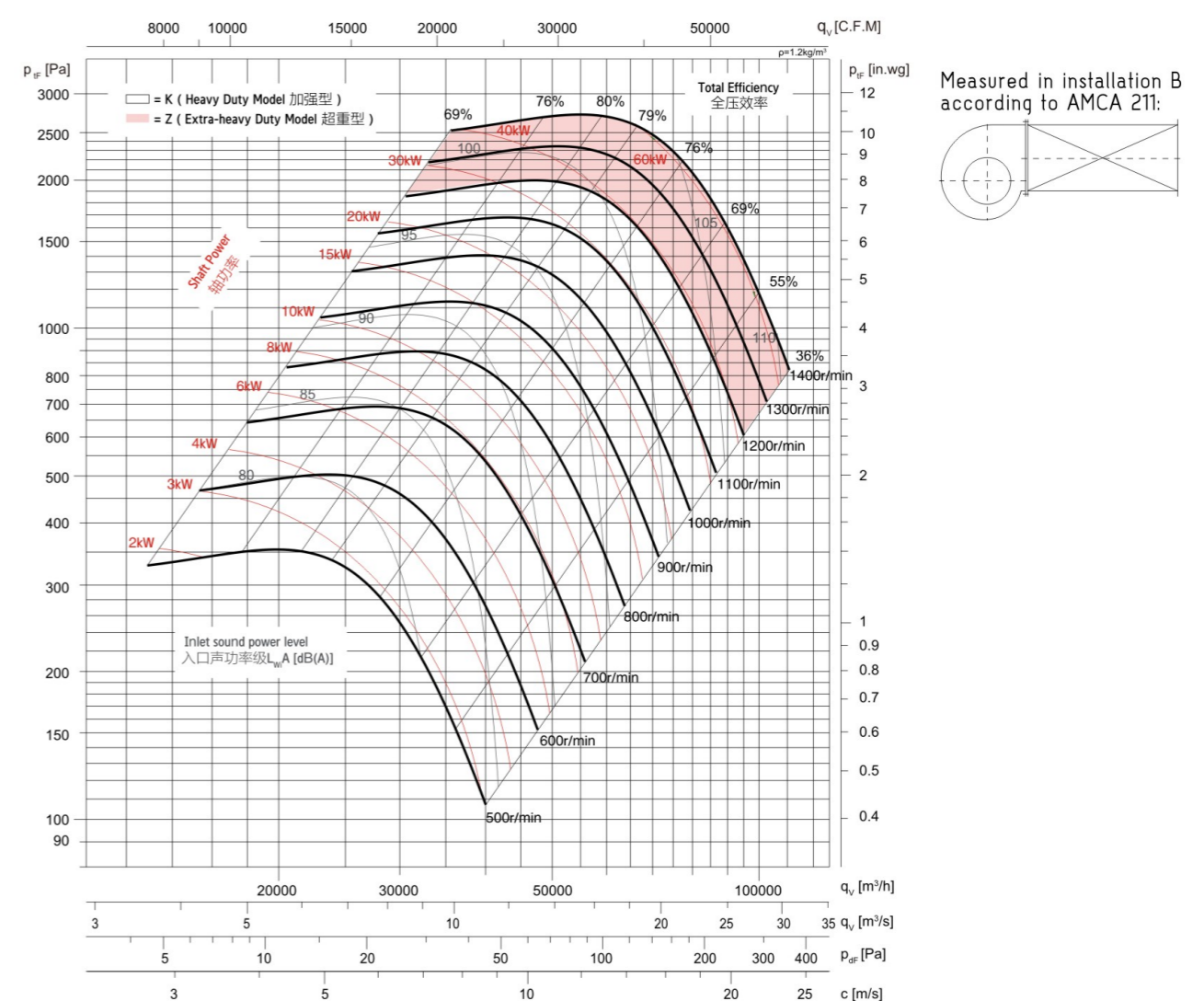
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-24	-21	-4	-8	-6	-9	-16	-24	dB
75	-23	-21	-4	-7	-6	-8	-16	-24	dB
79	-23	-21	-5	-8	-5	-8	-16	-24	dB
78	-23	-21	-4	-7	-6	-9	-17	-26	dB
75	-23	-20	-4	-8	-6	-8	-16	-26	dB
68	-22	-18	-5	-8	-5	-8	-14	-24	dB
55	-22	-19	-5	-8	-6	-8	-12	-23	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 1000 mm	Fan weight	风机质量(不含电机)	m = 1150 kg
Moment of inertia	转动惯量	J = 24.8 kg·m ²	Speed limit	极限转速	n _{max} = 1300 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wl(m)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wl(m)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-49	-42	-25	-28	-25	-28	-35	-43	dB
75	-48	-42	-25	-27	-25	-28	-35	-43	dB
79	-48	-42	-25	-27	-25	-28	-35	-43	dB
78	-48	-43	-25	-27	-25	-28	-36	-45	dB
75	-48	-42	-25	-27	-25	-28	-35	-45	dB
68	-49	-41	-26	-27	-25	-27	-33	-44	dB
55	-49	-42	-26	-28	-25	-27	-31	-42	dB

Relative A sound power level for outlet side L_{w(o)} (A) at octave centre frequencies

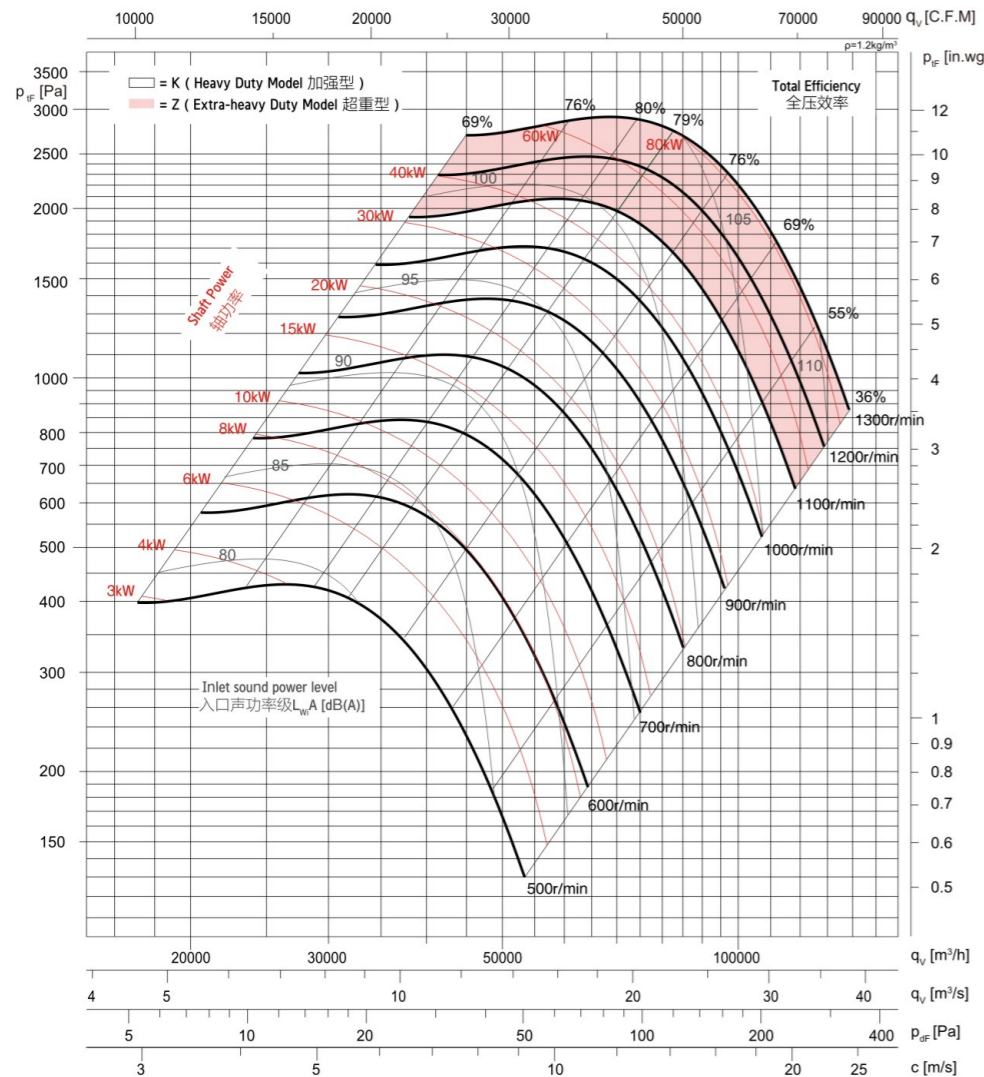
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)} (A)

Total Efficiency 全压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
68	-24	-21	-4	-8	-6	-9	-16	-24	dB
75	-23	-21	-4	-7	-6	-8	-16	-24	dB
79	-23	-21	-5	-8	-5	-8	-16	-24	dB
78	-23	-21	-4	-7	-6	-9	-17	-26	dB
75	-23	-20	-4	-8	-6	-8	-16	-26	dB
68	-22	-18	-5	-8	-5	-8	-14	-24	dB
55	-22	-19	-5	-8	-6	-8	-12	-23	dB

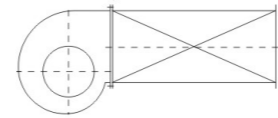
性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值 (KW) 不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级 (入口L_{wi}A)。

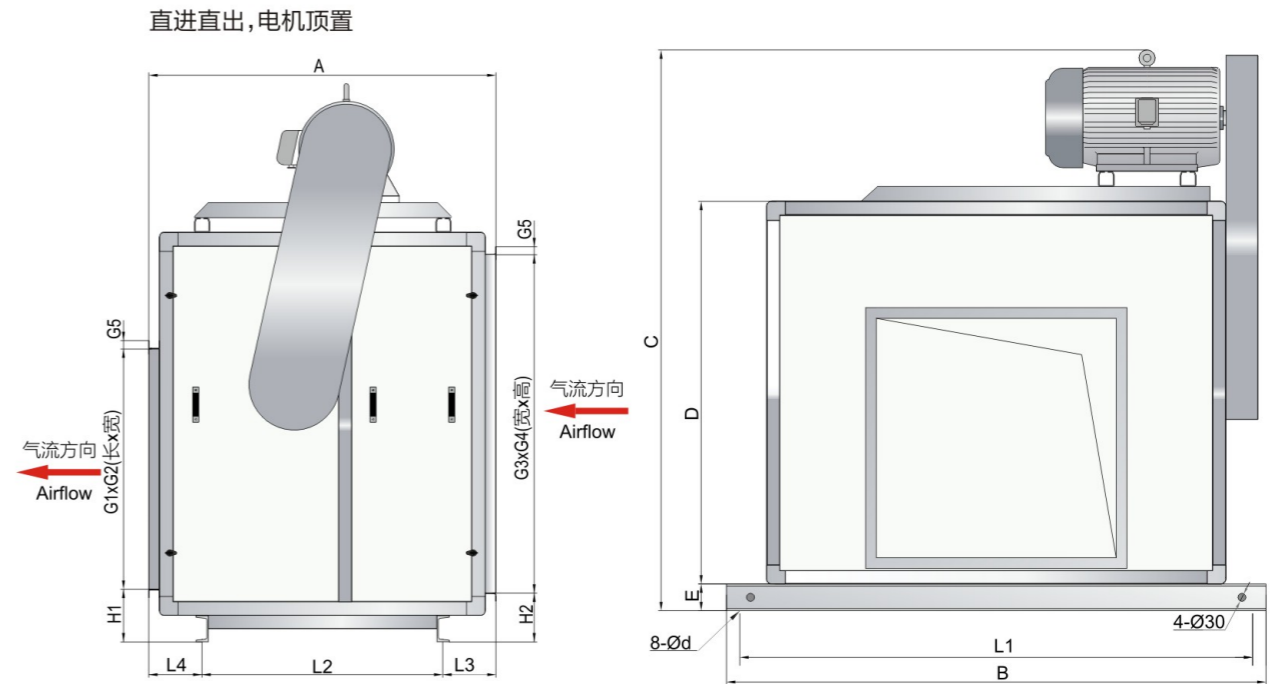


Measured in installation B according to AMCA 211:



BKF系列箱式风机外形尺寸

BKF Series Fan Overall Dimension

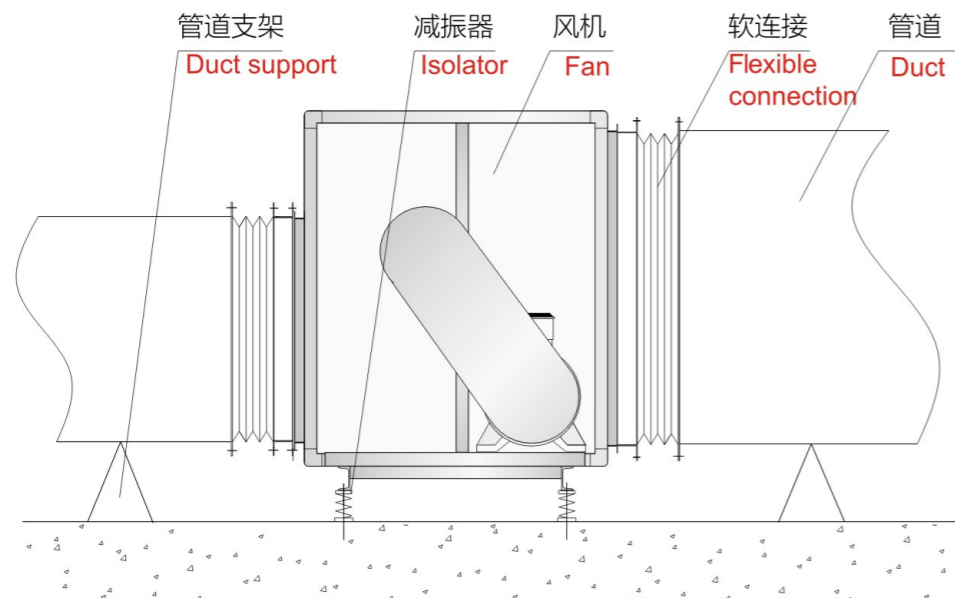
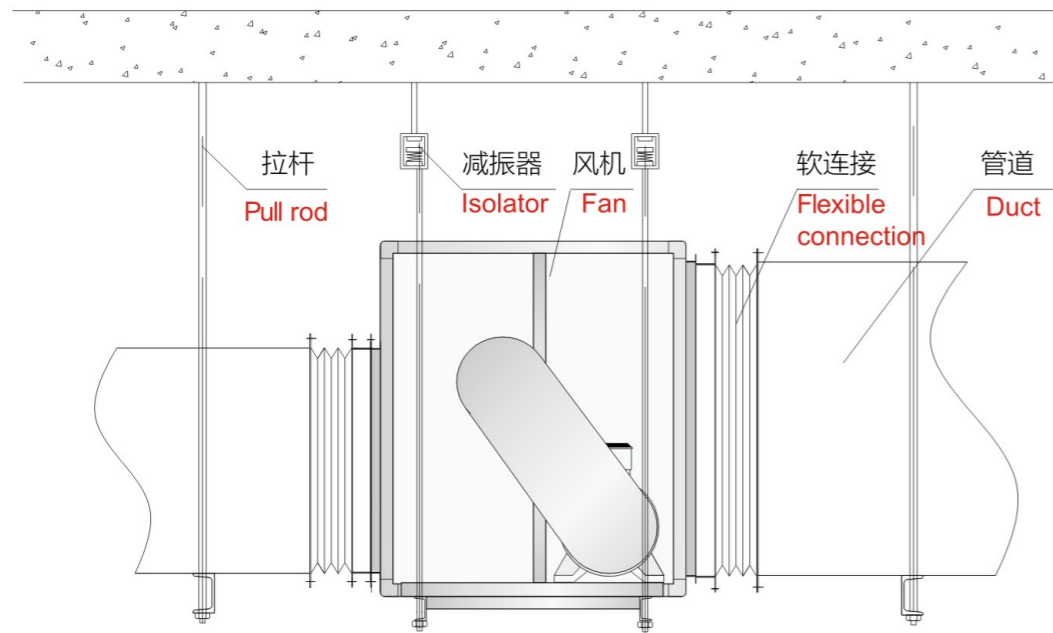


单位: mm

尺寸 型号	A	B	C										D	E	L1	L2	L3	L4	d	H2	H1	G5	G3×G4	G1×G2		
			Y80	Y90	Y100	Y112	Y132	Y160	Y180	Y200	Y225	Y250													Y280	
BKF 200	610	790	860										540	50	690	498	56	56	17	113	153	30	428×328	256×256		
BKF 225	660	850	900	925									580	50	750	543	59	59	17	113	142	30	465×405	288×288		
BKF 250	710	910	940	960									630	50	810	593	59	59	17	113	153	30	525×455	322×322		
BKF 280	780	980	1020	1040	1070								703	63	880	663	69	69	17	126	167	30	595×515	361×361		
BKF 315	670	1060	1080	1100	1130	1160	1200	1295					763	63	960	420	117	133	17	135	154	30	655×555	404×404		
BKF 355	740	1160	1160	1180	1220	1250	1280	1380	1420				843	63	1060	488	127	125	17	136	145	30	755×635	453×453		
BKF 400	810	1260		1280	1300	1330	1380	1470	1520				930	80	1160	513	149	148	17	151	173	30	855×708	507×507		
BKF 450	890	1400		1360	1400	1430	1480	1570	1660				1030	80	1300	581	149	160	17	150	176	30	978×808	569×569		
BKF 500	960	1520		1460	1500	1520	1570	1650	1750				1120	80	1420	650	150	160	17	154	173	30	1095×895	639×639		
BKF 560	1060	1680		1600	1640	1660	1710	1800	1900				1265	100	1580	745	157	158	17	173	197	30	1235×1020	715×715		
BKF 630	1160	1830			1760	1790	1830	1930	1970	2030			1390	100	1730	846	151	163	17	174	198	30	1385×1145	801×801		
BKF 710	1300	2020				1930	1970	2060	2110	2160	2210		1530	100	1920	902	199	199	17	183	197	30	1555×1265	898×898		
BKF 800	1430	2220					2140	2230	2270	2330	2380		1700	100	2120	1030	200	200	17	183	197	30	1755×1435	1007×1007		
BKF 900	1610	2450						2290	2380	2425	2480	2535	2600	2670	1850	100	2350	1166	222	222	17	183	183	30	1985×1585	1130×1130
BKF1000	1740	2700						2450	2540	2590	2640	2690	2760	2830	2010	100	2600	1302	219	219	17	183	180	30	2235×1745	1267×1267



BKF系列箱式风机吊装示意图 BKF Ceiling Installation Schematic Diagram



技术参数 Technical Data

Wheel diameter 叶轮直径	D = 250 mm	Fan weight 风机质量(不含电机)	m = 55 kg
Moment of inertia 转动惯量	J = 0.020 kg·m ²	Speed limit 极限转速	n _{max} = 5300 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(film)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(film)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-45	-36	-32	-25	-26	-26	-32	-33	dB
37	-45	-36	-32	-25	-26	-26	-32	-33	dB
45	-48	-40	-32	-25	-26	-25	-31	-34	dB
46	-48	-41	-32	-26	-26	-25	-31	-33	dB
41	-48	-43	-35	-27	-25	-24	-31	-40	dB
28	-49	-45	-38	-28	-25	-24	-32	-49	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

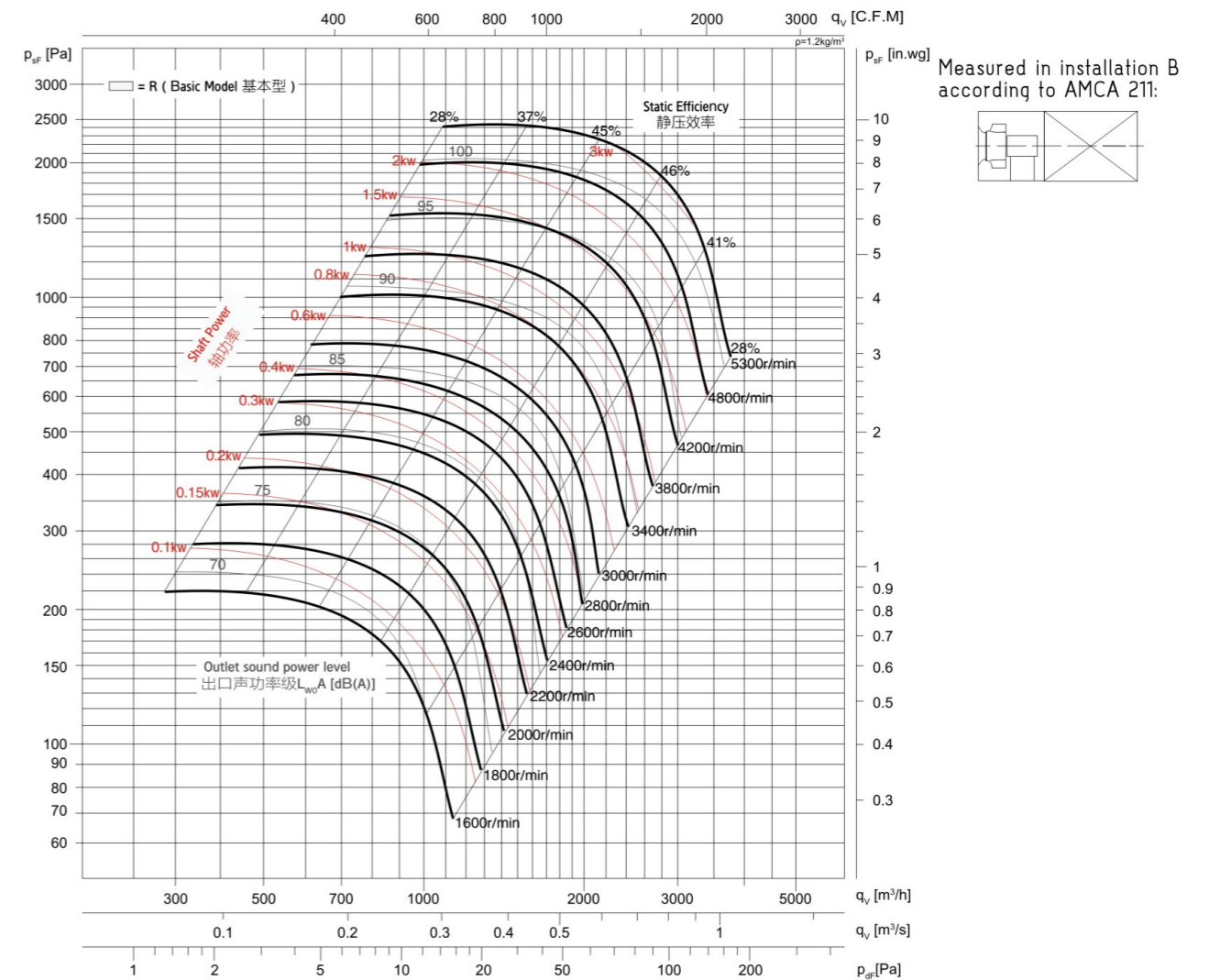
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-20	-14	-11	-5	-6	-7	-13	-14	dB
37	-18	-14	-10	-5	-6	-7	-13	-14	dB
45	-20	-15	-9	-5	-7	-7	-13	-16	dB
46	-19	-15	-8	-6	-6	-7	-12	-14	dB
41	-18	-17	-12	-6	-5	-5	-12	-21	dB
28	-18	-18	-14	-7	-5	-4	-13	-29	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 280 mm	Fan weight	风机质量(不含电机)	m = 58 kg
Moment of inertia	转动惯量	J = 0.034 kg·m ²	Speed limit	极限转速	n _{max} = 5000 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(cabinet)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(cabinet)} (A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-45	-36	-32	-25	-26	-26	-32	-33	dB
37	-45	-36	-32	-25	-26	-26	-32	-33	dB
45	-48	-40	-32	-25	-26	-25	-31	-34	dB
46	-48	-41	-32	-26	-26	-25	-31	-33	dB
41	-48	-43	-35	-27	-25	-24	-31	-40	dB
28	-49	-45	-38	-28	-25	-24	-32	-49	dB

Relative A sound power level for outlet side L_{w(o)} (A) at octave centre frequencies

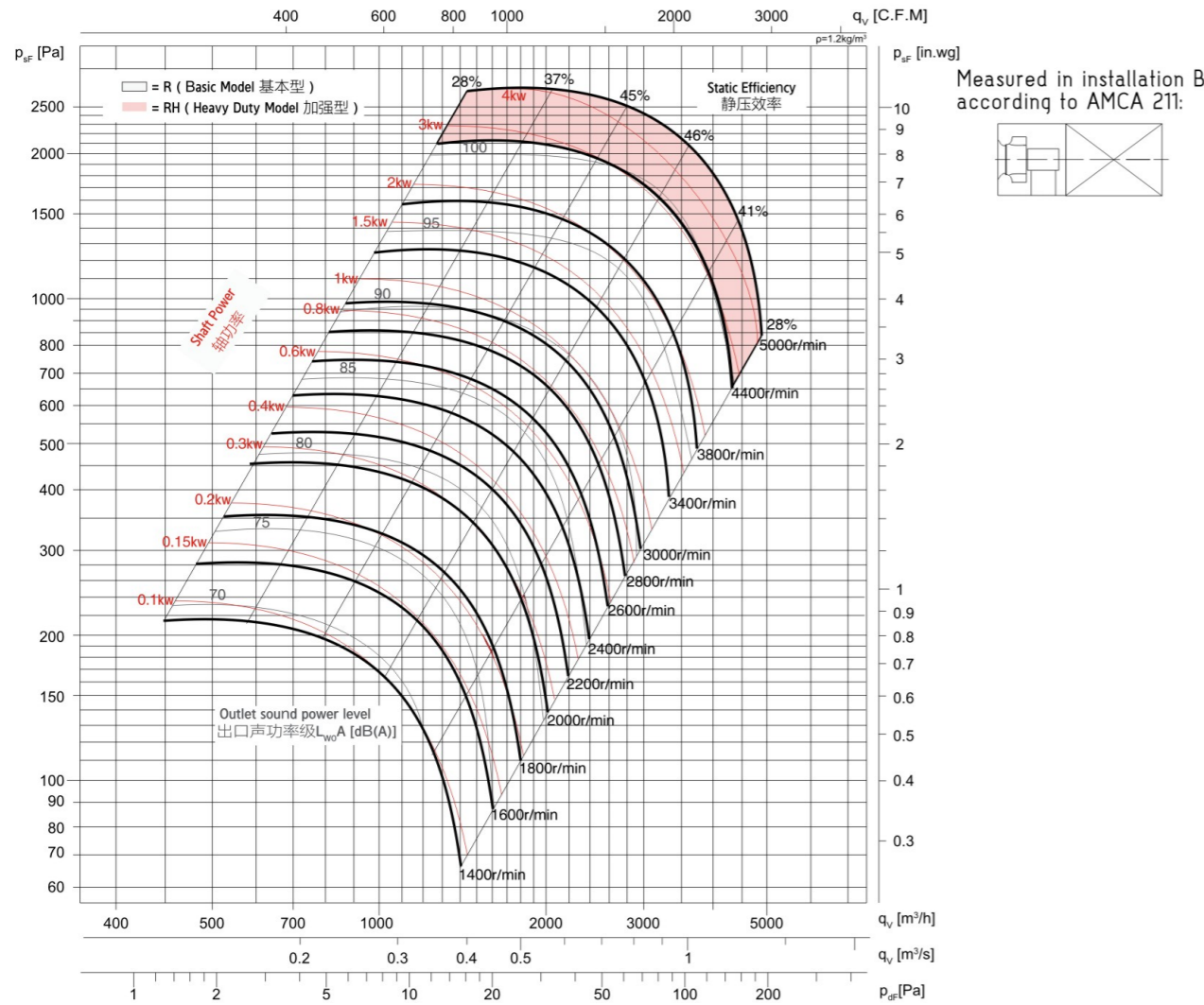
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)} (A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-20	-14	-11	-5	-6	-7	-13	-14	dB
37	-18	-14	-10	-5	-6	-7	-13	-14	dB
45	-20	-15	-9	-5	-7	-7	-13	-16	dB
46	-19	-15	-8	-6	-6	-7	-12	-14	dB
41	-18	-17	-12	-6	-5	-5	-12	-21	dB
28	-18	-18	-14	-7	-5	-4	-13	-29	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 315 mm	Fan weight	风机质量(不含电机)	m = 63 kg
Moment of inertia	转动惯量	J = 0.053 kg·m ²	Speed limit	极限转速	n _{max} = 4250 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(cabinet)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(cabinet)} (A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-45	-36	-32	-25	-26	-26	-32	-33	dB
37	-45	-36	-32	-25	-26	-26	-32	-33	dB
45	-48	-40	-32	-25	-26	-25	-31	-34	dB
46	-48	-41	-32	-26	-26	-25	-31	-33	dB
41	-48	-43	-35	-27	-25	-24	-31	-40	dB
28	-49	-45	-38	-28	-25	-24	-32	-49	dB

Relative A sound power level for outlet side L_{w(o)} (A) at octave centre frequencies

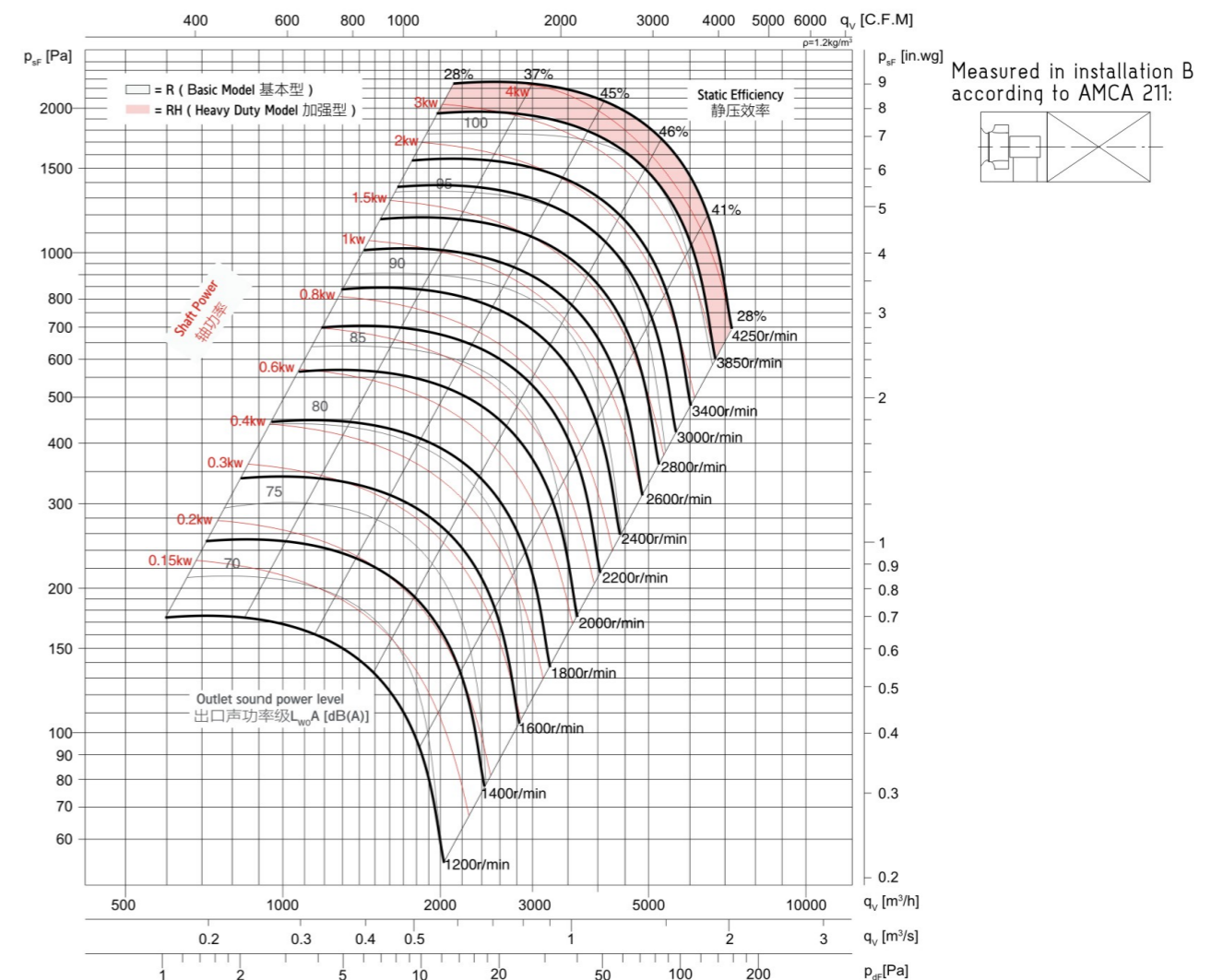
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)} (A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-20	-14	-11	-5	-6	-7	-13	-14	dB
37	-18	-14	-10	-5	-6	-7	-13	-14	dB
45	-20	-15	-9	-5	-7	-7	-13	-16	dB
46	-19	-15	-8	-6	-6	-7	-12	-14	dB
41	-18	-17	-12	-6	-5	-5	-12	-21	dB
28	-18	-18	-14	-7	-5	-4	-13	-29	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 355 mm	Fan weight	风机质量(不含电机)	m = 69 kg
Moment of inertia	转动惯量	J = 0.102 kg·m ²	Speed limit	极限转速	n _{max} = 3600 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm(A)} at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm(A)}

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-45	-36	-32	-25	-26	-26	-32	-33	dB
37	-45	-36	-32	-25	-26	-26	-32	-33	dB
45	-48	-40	-32	-25	-26	-25	-31	-34	dB
46	-48	-41	-32	-26	-26	-25	-31	-33	dB
41	-48	-43	-35	-27	-25	-24	-31	-40	dB
28	-49	-45	-38	-28	-25	-24	-32	-49	dB

Relative A sound power level for outlet side L_{w0(A)} at octave centre frequencies

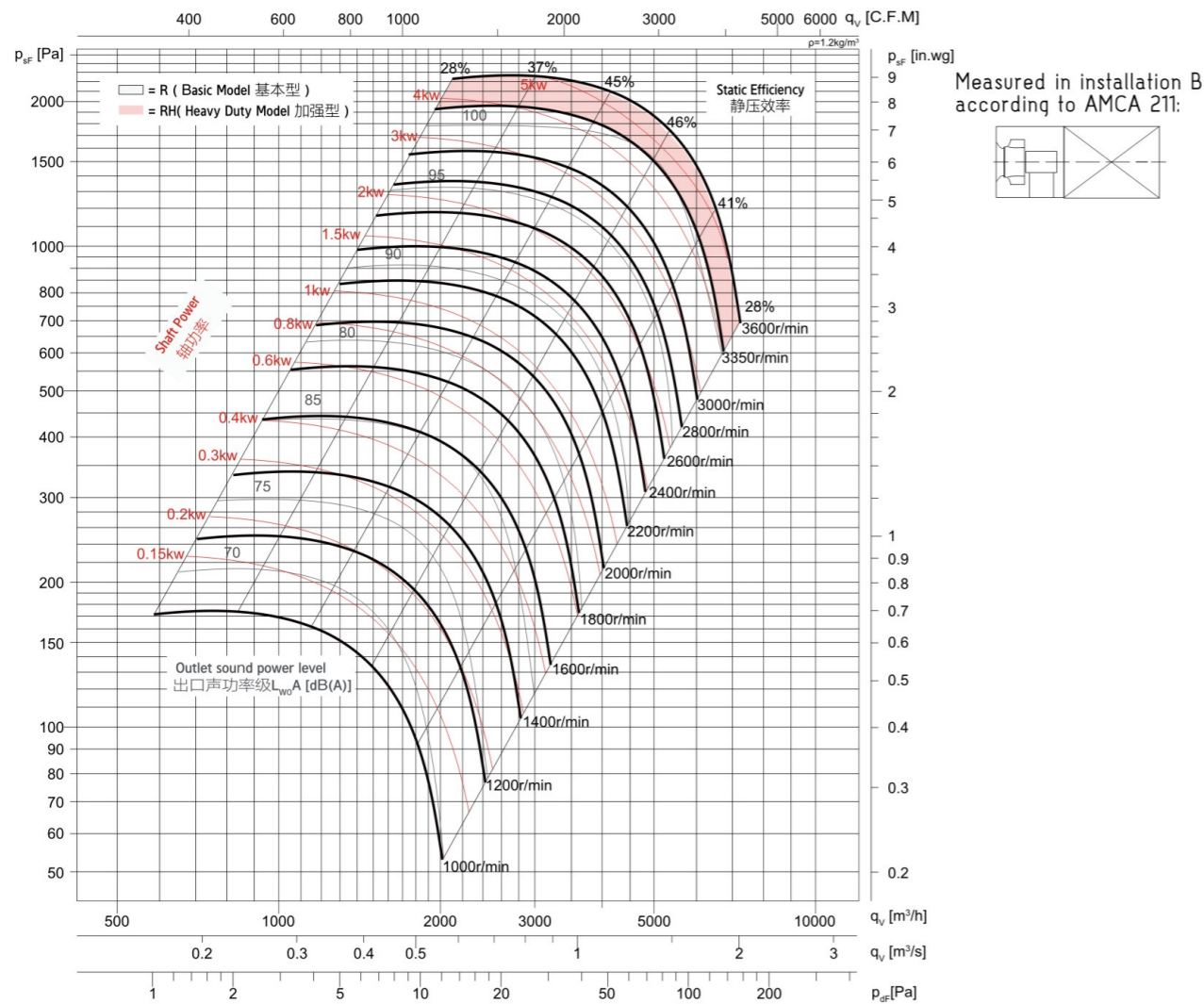
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0(A)}

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-20	-14	-11	-5	-6	-7	-13	-14	dB
37	-18	-14	-10	-5	-6	-7	-13	-14	dB
45	-20	-15	-9	-5	-7	-7	-13	-16	dB
46	-19	-15	-8	-6	-6	-7	-12	-14	dB
41	-18	-17	-12	-6	-5	-5	-12	-21	dB
28	-18	-18	-14	-7	-5	-4	-13	-29	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 400 mm	Fan weight	风机质量(不含电机)	m = 95 kg
Moment of inertia	转动惯量	J = 0.162 kg·m ²	Speed limit	极限转速	n _{max} = 3300 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wlm(A)} at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wlm(A)}

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-45	-36	-32	-25	-26	-26	-32	-33	dB
37	-45	-36	-32	-25	-26	-26	-32	-33	dB
45	-48	-40	-32	-25	-26	-25	-31	-34	dB
46	-48	-41	-32	-26	-26	-25	-31	-33	dB
41	-48	-43	-35	-27	-25	-24	-31	-40	dB
28	-49	-45	-38	-28	-25	-24	-32	-49	dB

Relative A sound power level for outlet side L_{w0(A)} at octave centre frequencies

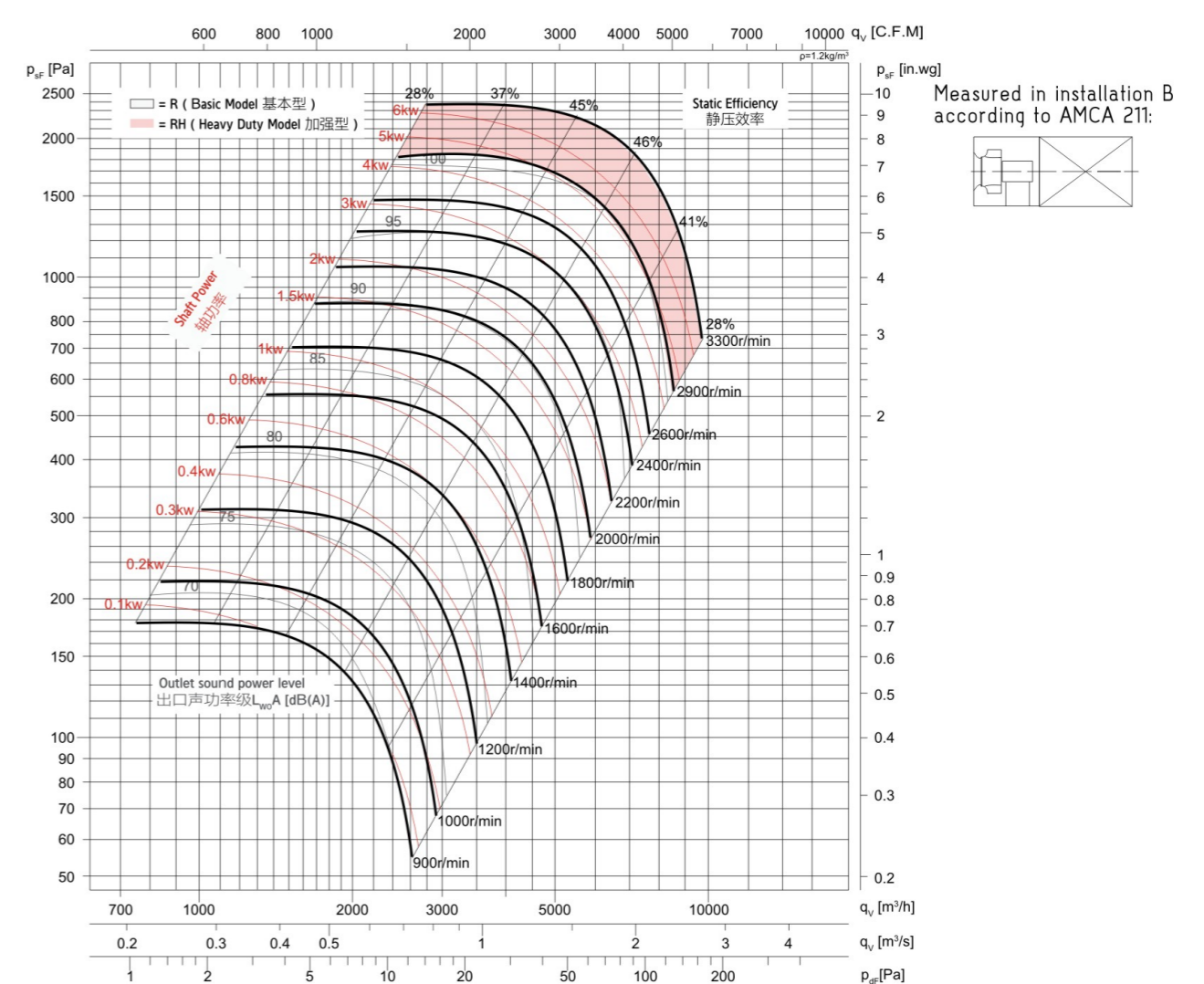
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0(A)}

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
28	-20	-14	-11	-5	-6	-7	-13	-14	dB
37	-18	-14	-10	-5	-6	-7	-13	-14	dB
45	-20	-15	-9	-5	-7	-7	-13	-16	dB
46	-19	-15	-8	-6	-6	-7	-12	-14	dB
41	-18	-17	-12	-6	-5	-5	-12	-21	dB
28	-18	-18	-14	-7	-5	-4	-13	-29	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 450 mm	Fan weight	风机质量(不含电机)	m = 121 kg
Moment of inertia	转动惯量	J = 0.26 kg·m ²	Speed limit	极限转速	n _{max} = 3000 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wf(m)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wf(m)} (A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-53	-33	-29	-28	-24	-27	-34	-42	dB
54	-54	-35	-30	-27	-24	-27	-34	-42	dB
61	-55	-38	-32	-27	-24	-26	-33	-42	dB
64	-58	-43	-34	-27	-24	-6	-33	-42	dB
57	-60	-44	-34	-28	-24	-25	-32	-43	dB
43	-61	-45	-35	-28	-24	-25	-32	-44	dB

Relative A sound power level for outlet side L_{w0} (A) at octave centre frequencies

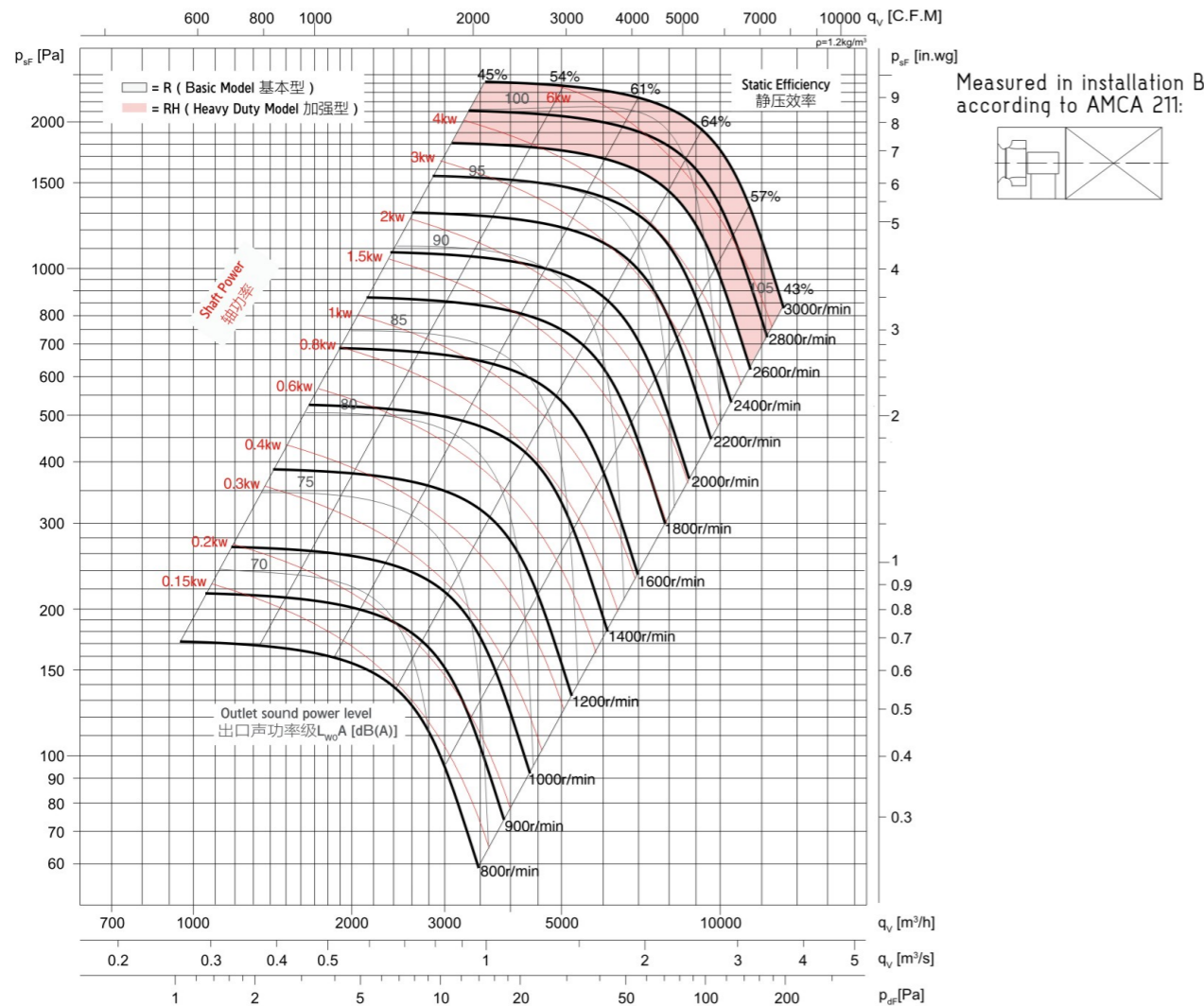
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0} (A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-28	-11	-8	-8	-4	-8	-15	-23	dB
54	-27	-12	-8	-7	-4	-7	-14	-23	dB
61	-27	-13	-8	-7	-4	-7	-15	-23	dB
64	-29	-17	-10	-7	-4	-7	-14	-23	dB
57	-30	-18	-11	-7	-4	-6	-13	-24	dB
43	-30	-18	-12	-7	-4	-5	-13	-24	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 500 mm	Fan weight	风机质量(不含电机)	m = 156 kg
Moment of inertia	转动惯量	J = 0.45 kg·m ²	Speed limit	极限转速	n _{max} = 2600 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{wf(m)} (A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{wf(m)} (A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-53	-33	-29	-28	-24	-27	-34	-42	dB
54	-54	-35	-30	-27	-24	-27	-34	-42	dB
61	-55	-38	-32	-27	-24	-26	-33	-42	dB
64	-58	-43	-34	-27	-24	-26	-33	-42	dB
57	-60	-44	-34	-28	-24	-25	-32	-43	dB
42	-61	-45	-35	-28	-24	-25	-32	-44	dB

Relative A sound power level for outlet side L_{w0} (A) at octave centre frequencies

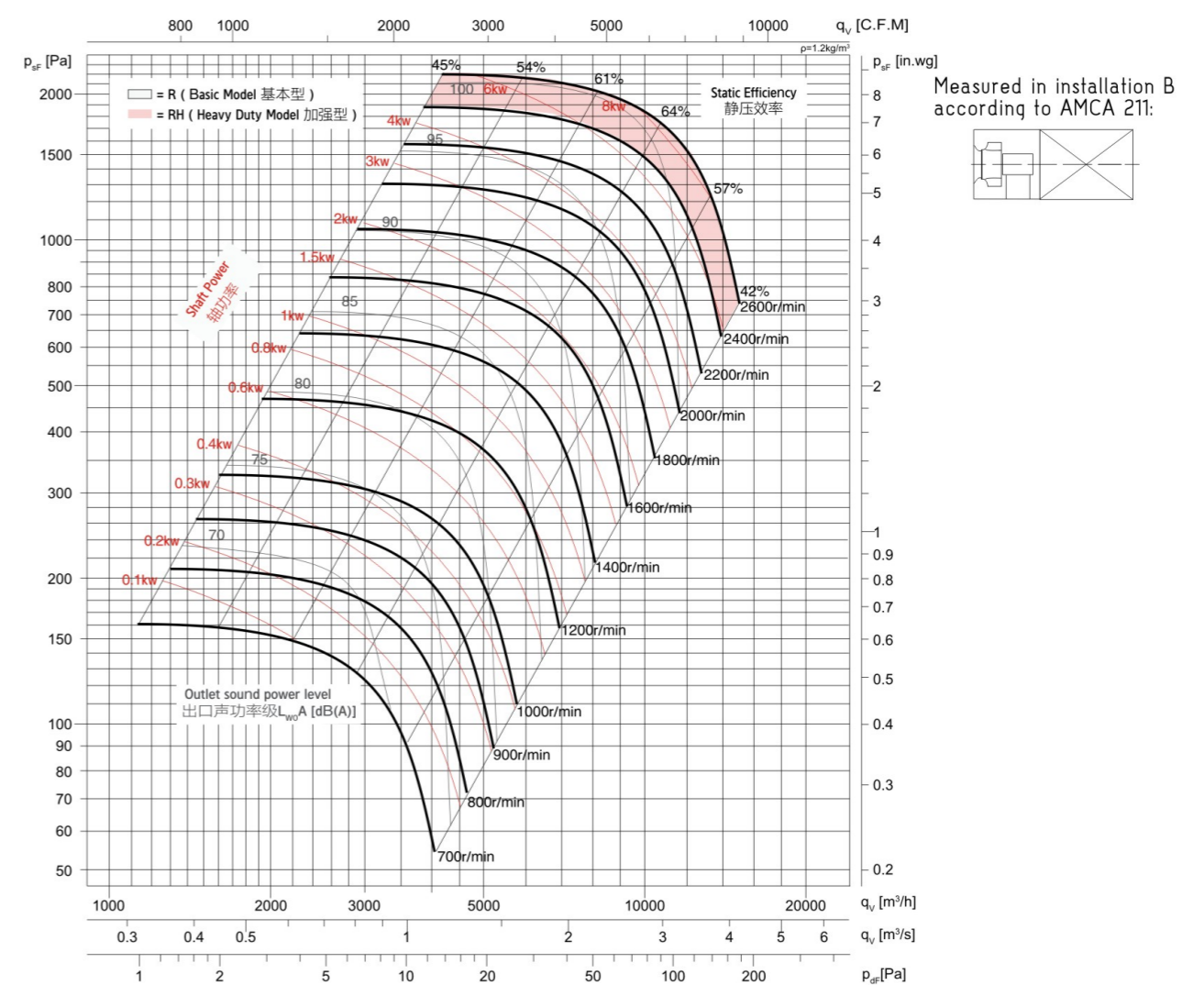
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w0} (A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-28	-11	-8	-8	-4	-8	-15	-23	dB
54	-27	-12	-8	-7	-4	-7	-14	-23	dB
61	-27	-13	-8	-7	-4	-7	-15	-23	dB
64	-29	-17	-10	-7	-4	-7	-14	-23	dB
57	-30	-18	-11	-7	-4	-6	-13	-24	dB
42	-30	-18	-12	-7	-4	-5	-13	-24	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 560 mm	Fan weight	风机质量(不含电机)	m = 165 kg
Moment of inertia	转动惯量	J = 0.74 kg·m ²	Speed limit	极限转速	n _{max} = 2500 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(cabinet)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(cabinet)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-53	-33	-29	-28	-24	-27	-34	-42	dB
54	-54	-35	-30	-27	-24	-27	-34	-42	dB
61	-55	-38	-32	-27	-24	-26	-33	-42	dB
64	-58	-43	-34	-27	-24	-26	-33	-42	dB
57	-60	-44	-34	-28	-24	-25	-32	-43	dB
42	-61	-45	-35	-28	-24	-25	-32	-44	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

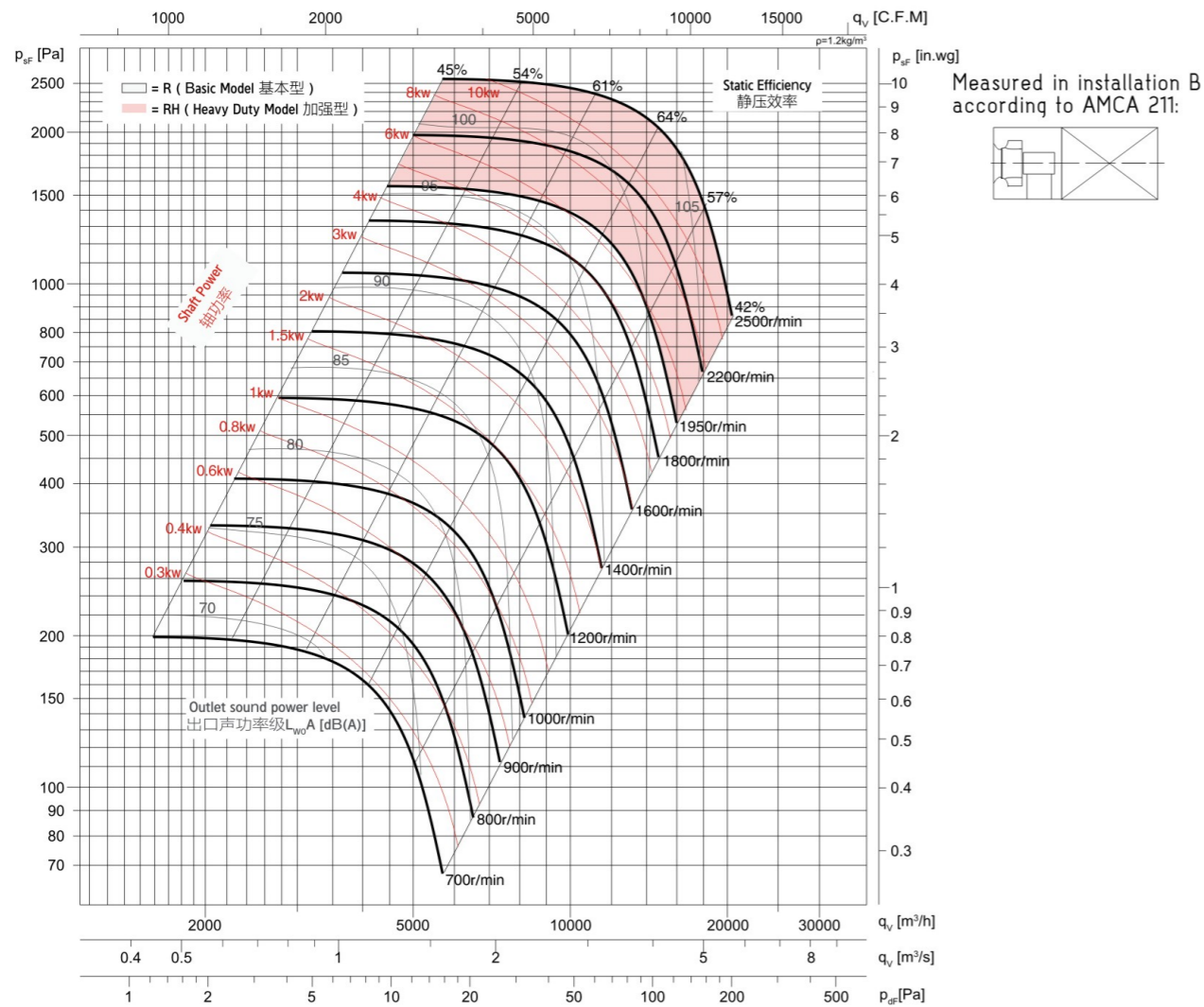
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-28	-11	-8	-8	-4	-8	-15	-23	dB
54	-27	-12	-8	-7	-4	-7	-14	-23	dB
61	-27	-13	-8	-7	-4	-7	-15	-23	dB
64	-29	-17	-10	-7	-4	-7	-14	-23	dB
57	-30	-18	-11	-7	-4	-6	-13	-24	dB
42	-30	-18	-12	-7	-4	-5	-13	-24	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 630 mm	Fan weight	风机质量(不含电机)	m = 182 kg
Moment of inertia	转动惯量	J = 1.2 kg·m ²	Speed limit	极限转速	n _{max} = 2000 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(cabinet)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(cabinet)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-53	-33	-29	-28	-24	-27	-34	-42	dB
54	-54	-35	-30	-27	-24	-27	-34	-42	dB
61	-55	-38	-32	-27	-24	-26	-33	-42	dB
64	-58	-43	-34	-27	-24	-26	-33	-42	dB
57	-60	-44	-34	-28	-24	-25	-32	-43	dB
42	-61	-45	-35	-28	-24	-25	-32	-44	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

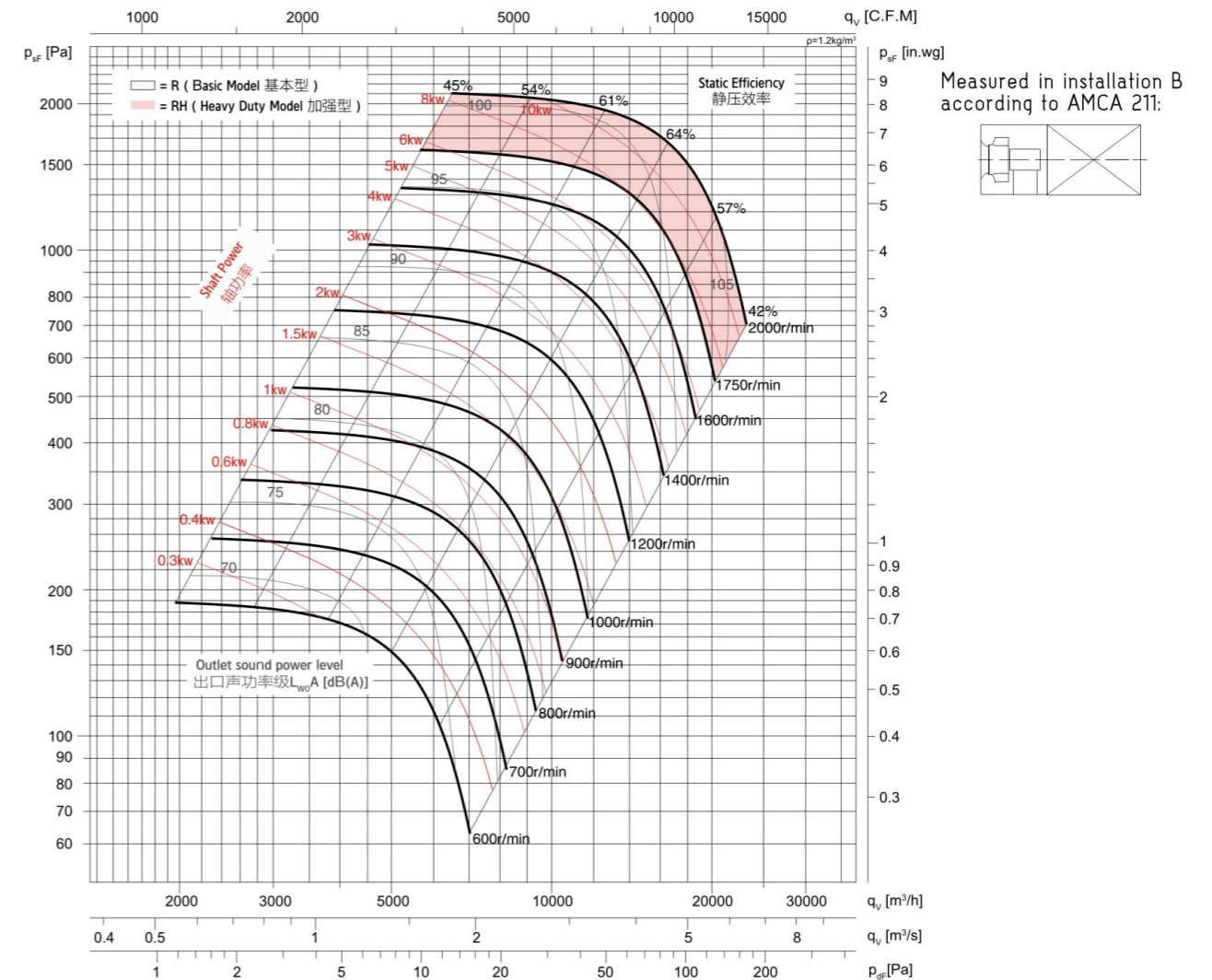
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-28	-11	-8	-8	-4	-8	-15	-23	dB
54	-27	-12	-8	-7	-4	-7	-14	-23	dB
61	-27	-13	-8	-7	-4	-7	-15	-23	dB
64	-29	-17	-10	-7	-4	-7	-14	-23	dB
57	-30	-18	-11	-7	-4	-6	-13	-24	dB
42	-30	-18	-12	-7	-4	-5	-13	-24	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 710 mm	Fan weight	风机质量(不含电机)	m = 302 kg
Moment of inertia	转动惯量	J = 2.43 kg·m ²	Speed limit	极限转速	n _{max} = 1750 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(flm)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减 L_{w(flm)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-38	-31	-27	-28	-27	-28	-30	-36	dB
52	-41	-31	-26	-28	-27	-28	-30	-35	dB
59	-38	-32	-27	-28	-26	-27	-29	-34	dB
61	-36	-32	-28	-29	-26	-27	-29	-34	dB
55	-35	-33	-29	-29	-26	-27	-28	-33	dB
38	-37	-35	-30	-30	-26	-27	-27	-32	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

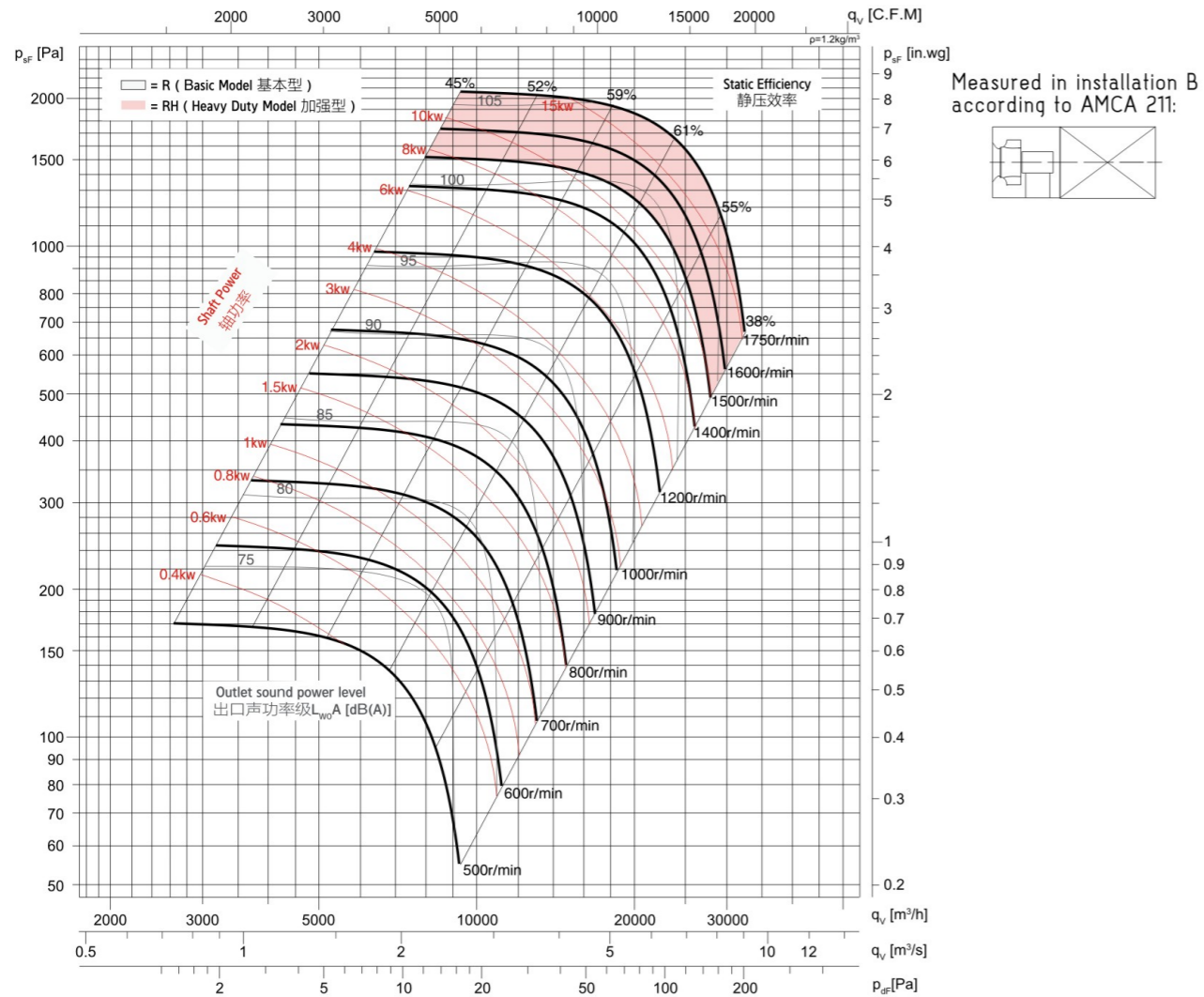
风机出口侧噪声八倍频谱A声功率级衰减 L_{w(o)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-26	-10	-9	-5	-4	-10	-16	-25	dB
52	-25	-11	-9	-5	-5	-10	-16	-25	dB
59	-25	-13	-8	-5	-5	-9	-15	-24	dB
61	-26	-20	-10	-6	-5	-6	-11	-21	dB
55	-28	-21	-12	-7	-5	-5	-10	-21	dB
38	-31	-21	-12	-8	-6	-4	-11	-22	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 800 mm	Fan weight	风机质量(不含电机)	m = 352 kg
Moment of inertia	转动惯量	J = 4.88 kg·m ²	Speed limit	极限转速	n _{max} = 1650 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(flm)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减 L_{w(flm)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-38	-31	-27	-28	-27	-28	-30	-36	dB
52	-51	-31	-26	-28	-27	-28	-30	-35	dB
59	-38	-32	-27	-28	-26	-27	-29	-34	dB
61	-36	-32	-28	-29	-26	-27	-29	-34	dB
55	-35	-33	-29	-29	-26	-27	-28	-33	dB
38	-37	-35	-30	-30	-26	-27	-27	-32	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

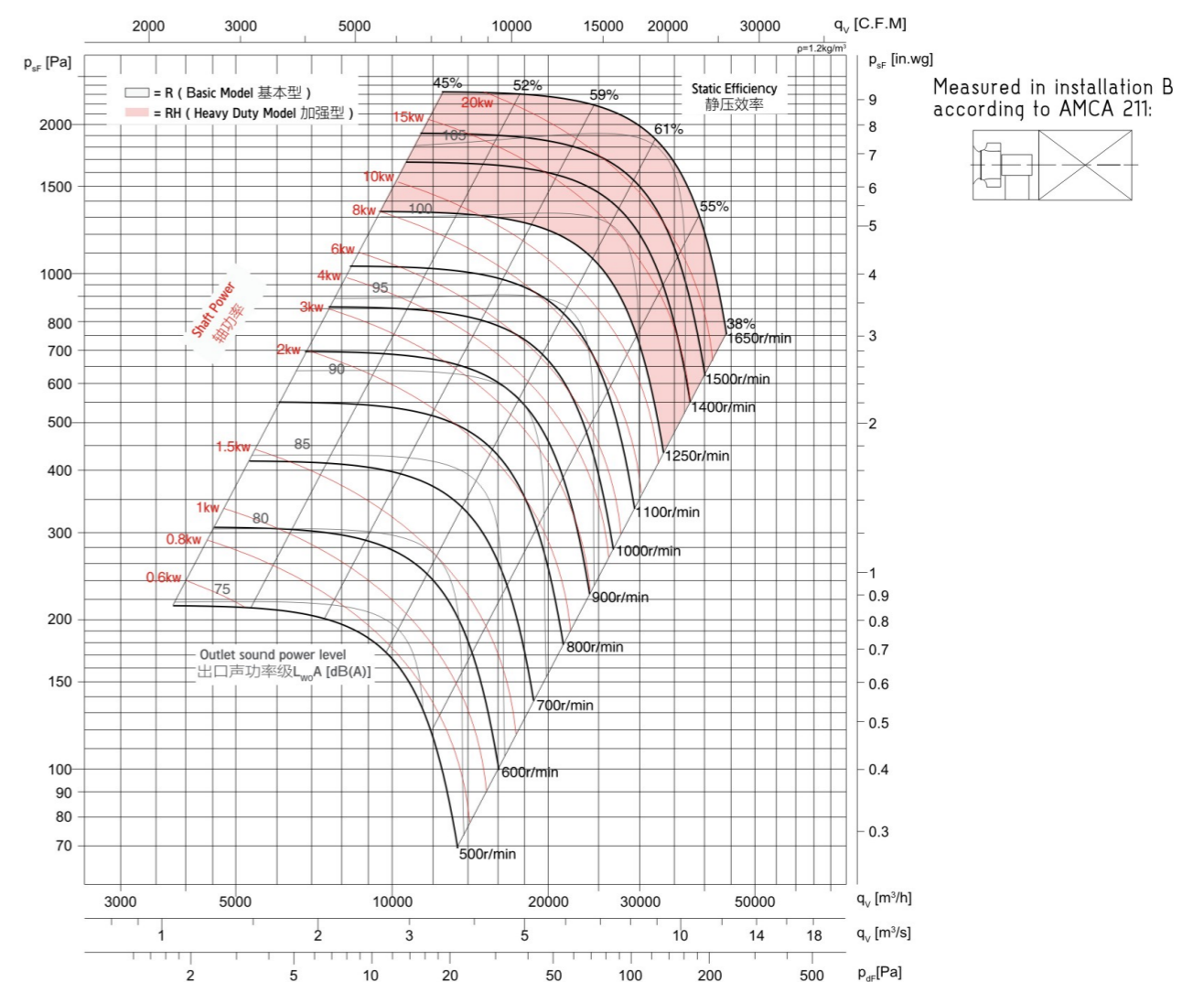
风机出口侧噪声八倍频谱A声功率级衰减 L_{w(o)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-26	-10	-9	-5	-4	-10	-16	-25	dB
52	-25	-11	-9	-5	-5	-10	-16	-25	dB
59	-25	-13	-8	-5	-5	-9	-15	-24	dB
61	-26	-20	-10	-6	-5	-6	-11	-21	dB
55	-28	-21	-12	-7	-5	-5	-10	-21	dB
38	-31	-21	-12	-8	-6	-4	-11	-22	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating(KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





技术参数 Technical Data

Wheel diameter	叶轮直径	D = 900 mm	Fan weight	风机质量(不含电机)	m = 425 kg
Moment of inertia	转动惯量	J = 7.32 kg m ²	Speed limit	极限转速	n _{max} = 1500 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(film)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(film)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-38	-31	-27	-28	-27	-28	-30	-36	dB
52	-41	-31	-26	-28	-27	-28	-30	-35	dB
59	-38	-32	-27	-28	-26	-27	-29	-34	dB
61	-36	-32	-28	-29	-26	-27	-29	-34	dB
55	-35	-33	-29	-29	-26	-27	-28	-33	dB
38	-37	-35	-30	-30	-26	-27	-27	-32	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

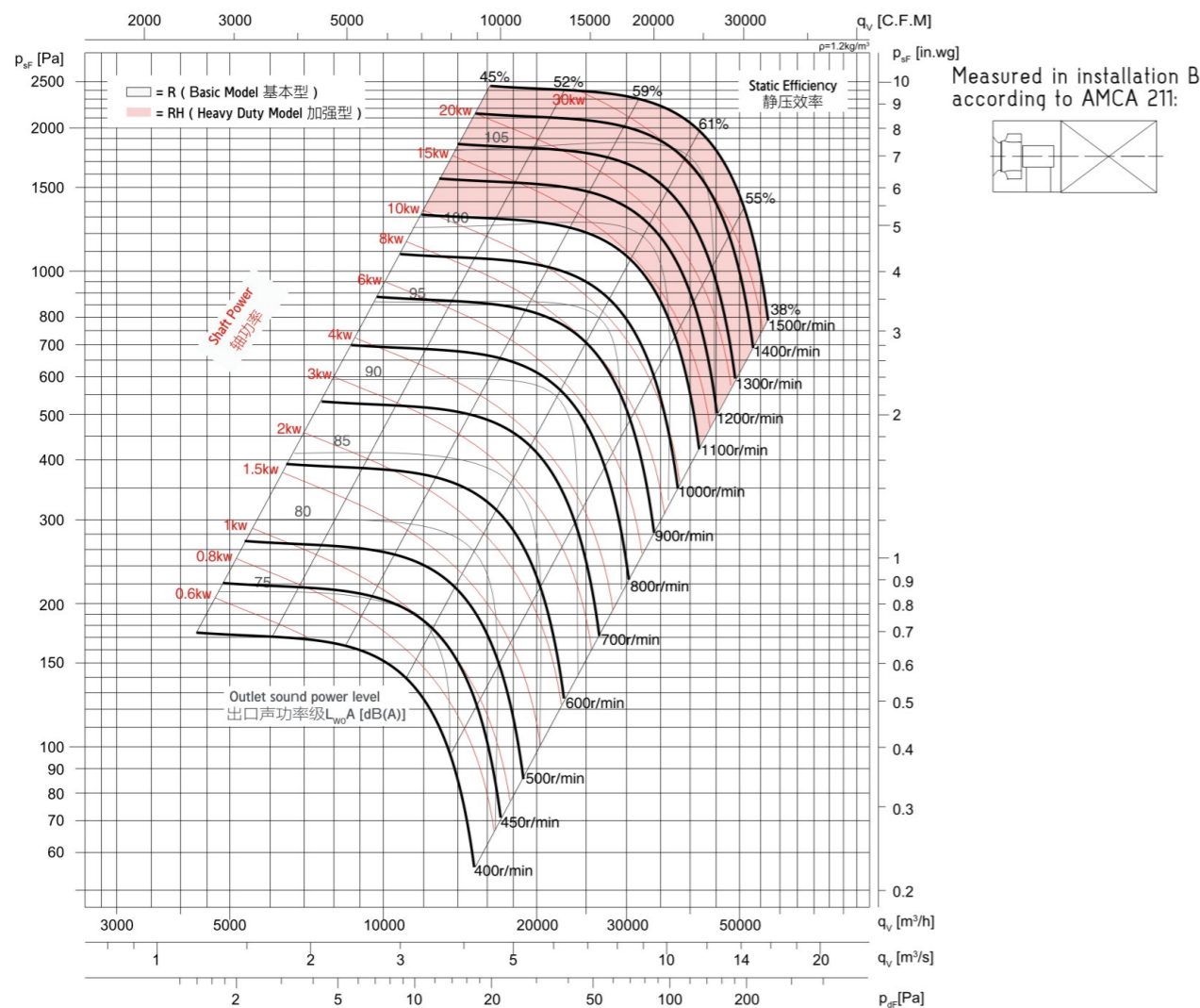
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-26	-10	-9	-5	-4	-10	-16	-25	dB
52	-25	-11	-9	-5	-5	-10	-16	-25	dB
59	-25	-13	-8	-5	-5	-9	-15	-24	dB
61	-26	-20	-10	-6	-5	-6	-11	-21	dB
55	-28	-21	-12	-7	-5	-5	-10	-21	dB
38	-31	-21	-12	-8	-6	-4	-11	-22	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。



技术参数 Technical Data

Wheel diameter	叶轮直径	D = 1000 mm	Fan weight	风机质量(不含电机)	m = 510 kg
Moment of inertia	转动惯量	J = 11.94 kg m ²	Speed limit	极限转速	n _{max} = 1350 r/min

噪声频谱 Noise Spectrum

Relative A sound power level for one meters from the cabinet L_{w(film)}(A) at octave centre frequencies

箱体外侧1米处噪声八倍频谱A声功率级衰减值 L_{w(film)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-38	-31	-27	-28	-27	-28	-30	-36	dB
52	-41	-31	-26	-28	-27	-28	-30	-35	dB
59	-38	-32	-27	-28	-26	-27	-29	-34	dB
61	-36	-32	-28	-29	-26	-27	-29	-34	dB
55	-35	-33	-29	-29	-26	-27	-28	-33	dB
38	-37	-35	-30	-30	-26	-27	-27	-32	dB

Relative A sound power level for outlet side L_{w(o)}(A) at octave centre frequencies

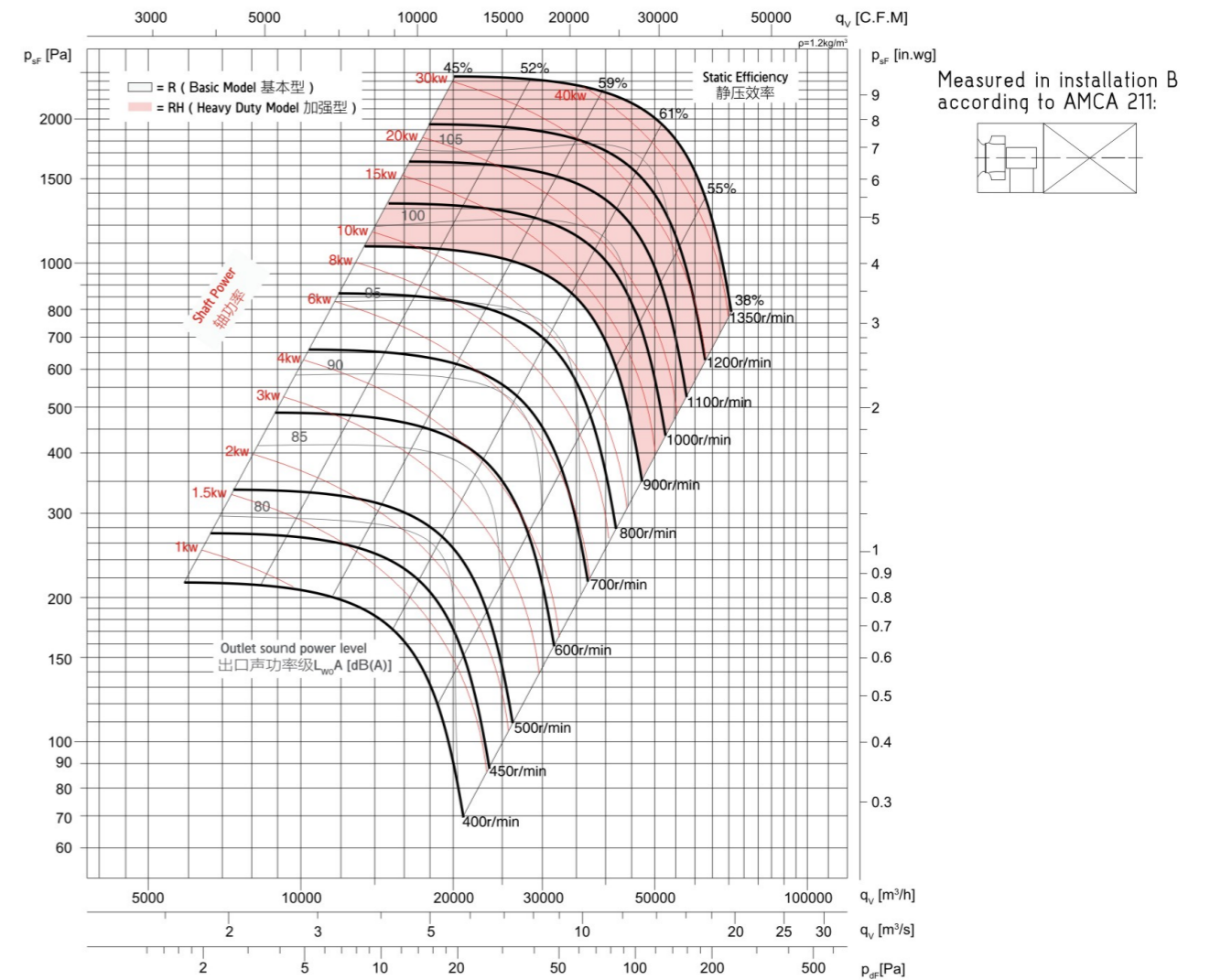
风机出口侧噪声八倍频谱A声功率级衰减值 L_{w(o)}(A)

Static Efficiency 静压效率 (%)	63	125	250	500	1000	2000	4000	8000	Hz
45	-26	-10	-9	-5	-4	-10	-16	-25	dB
52	-25	-11	-9	-5	-5	-10	-16	-25	dB
59	-25	-13	-8	-5	-5	-9	-15	-24	dB
61	-26	-20	-10	-6	-5	-6	-11	-21	dB
55	-28	-21	-12	-7	-5	-5	-10	-21	dB
38	-31	-21	-12	-8	-6	-4	-11	-22	dB

性能曲线 Performance Curves

Type B: free inlet, ducted outlet. Power rating (KW) does not include transmission losses. Performance ratings do not include the effects of cabinet and accessories. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet L_{wi} A sound power levels for installation type B: free inlet, ducted outlet.

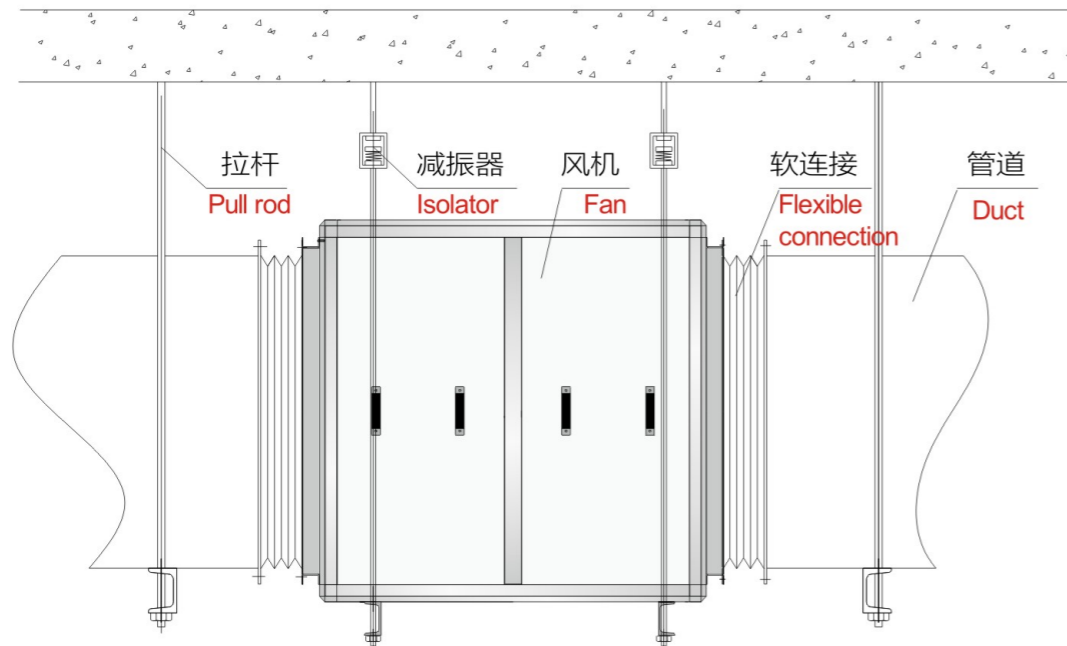
B类安装：自由入口，管道出口。功率额定值（KW）不包括传输损失，各项性能额定值不包括箱体及其他附件的影响。所示A加权声音性能额定值已按AMCA International 标准301计算，刻值为安装类型 B：自由入口，管道出口的声功率级（入口L_{wi}A）。





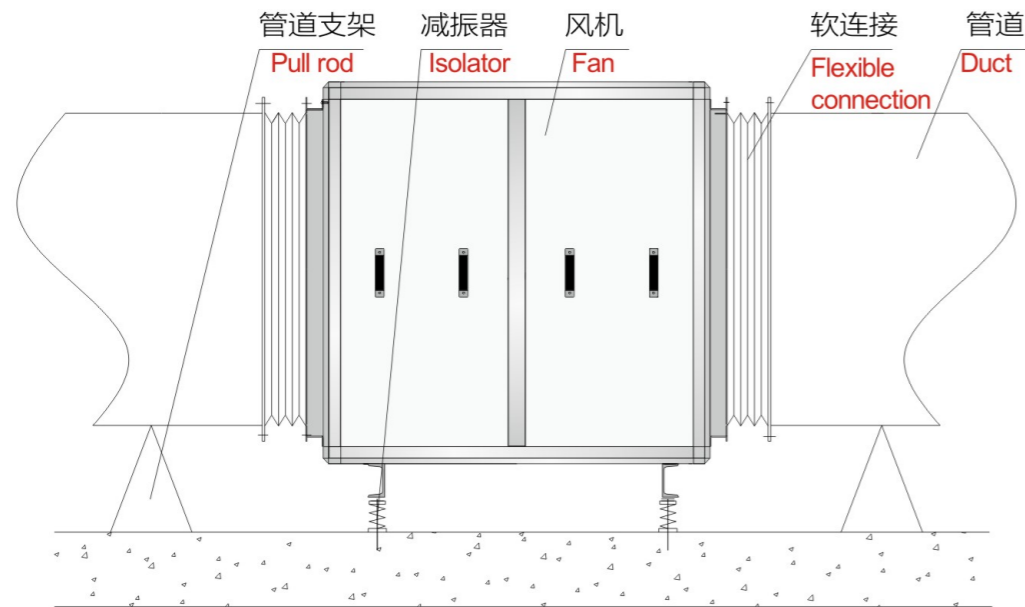
BKW系列箱式风机吊装示意图

BKW Ceiling Installation Schematic Diagram



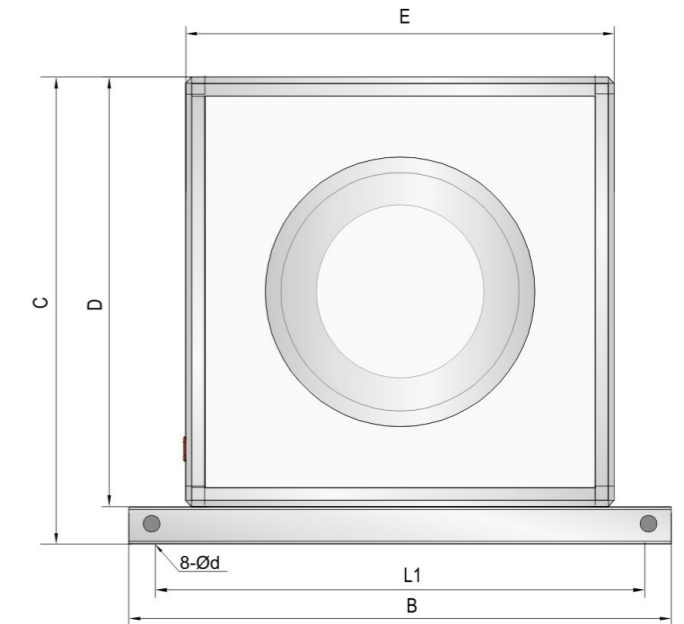
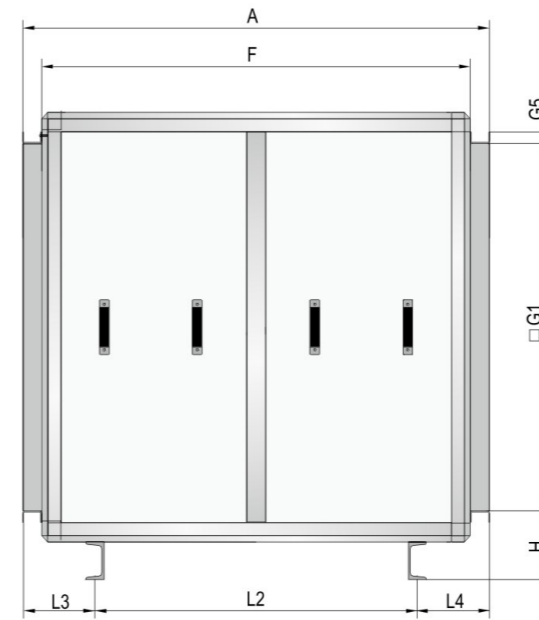
BKW系列箱式风机地装示意图

BKW Floor Installation Schematic Diagram



BKW系列箱式风机外形尺寸

BKW Series Fan Overall Dimension



单位 :mm

尺寸 型号	A	B	C	D	E	F	G1	G5	H	L1	L2	L3	L4	∅d
BKW250	582	790	563	500	500	500	380	30	123	660	360	120	102	14
BKW280	612	820	593	530	530	530	408	30	123	690	370	130	112	14
BKW315	682	890	663	600	600	600	478	30	123	760	440	130	110	14
BKW355	702	910	683	620	620	620	498	30	123	780	460	130	112	14
BKW400	755	970	743	680	680	680	538	30	138	840	505	137.5	112.5	14
BKW450	855	1080	860	780	780	780	638	30	155	940	590	145	120	14
BKW500	975	1200	980	900	900	900	758	30	155	1060	710	145	120	14
BKW560	1035	1260	1040	960	960	960	818	30	160	1120	770	145	120	14
BKW630	1085	1310	1090	1010	1010	1010	868	30	160	1170	810	150	125	14
BKW710	1205	1430	1230	1130	1130	1130	968	30	190	1290	850	190	210	14
BKW800	1325	1550	1350	1250	1250	1250	1088	30	190	1410	930	210	185	14
BKW900	1475	1700	1500	1400	1400	1400	1238	30	190	1560	1060	220	195	18
BKW1000	1625	1850	1650	1550	1550	1550	1388	30	190	1710	1150	250	225	18



概述

BKB系列管道风机内置双进风前向多翼离心风机，YDW系列外转子电机直联驱动。该样本中列出的9种规格风机，风量范围从500m³/h-20000m³/h，全压范围100Pa-600Pa。客户可根据现场对噪音要求的不同，可选用YGBS消音型管道风机满足低噪音的要求。该系列管道风机的电机可通过三相调压器、可控硅调压器、变频器等手段进行调速，以满足系统负荷多变的要求。

命名方式

BKB S 200 I (0.25 - 4)

Summary

The BKB series duct fan is built-in double inlet forward curve centrifugal fans. The fan is driven by YDW series external rotor motor. The BKB Series includes 9 models as described in this catalogue. The air volume and total pressure range from 1000m³/h to 20000m³/h and 200Pa to 600Pa. Customers can request a different site on the noise, can be used with YGBS -type silencer box to meet the requirements of low noise. Pipe fan of the series special motors can be configured through the three-phase voltage regulator, SCR voltage regulator, inverter and other means of speed, changing to meet system load requirements.

Nomenclature

电极了数	Motor Poles
电机功率(kW)	Motor Power (kW)
改型标记(I II III)	Mark of Revision
叶轮直径(mm)	Diameter of Impeller (mm)
S = 消音箱	Sound Attenuation
空白 = 单板材	Blank Means Single Skin
管道风机	Duct Fan

产品结构

BKB/BKBS系列风机主要由机壳部、风机部、电机、进出口法兰和电器元件五部分组成。

1. 机壳部

BKB系列风机的机壳以镀锌钢板制成方形管道形式，在管道的进风端和出风端都有20mm的标准法兰。
BKBS系列风机采用铝合金榫卯结构设计，配以三层优质消音棉板，有效降噪隔音在15dB左右。

Construction of Product

BKB/BKBS series fans consist of housing, impeller, motor, inlet outlet flanges and electrical connection.

1. Housing

BKB duct fan series is made of galvanized steel square pipe type, the pipe end and the air inlet side has a 20mm standard flange.
BKBS series fan aluminum tenon joint structure design, together with three high-quality silencer cotton board, effective at 15dB acoustic noise around.



2. 风机部

前向多翼叶轮采用优质热镀锌钢板制成，叶片设计符合空气动力学的特定形状，使得效率最高，噪声最低。内控叶轮平衡和整机动平衡等级高达G2.5(AMCA204-05)，有效减少噪音和振动。

3. 电机

该系列电动机是专为配套双进风离心式风机而设计制造的，为外转子结构笼型三相异步电动机。具有结构简单，轴向尺寸小、噪声低等特点，有较好的调压调速特性，是通风机、净化除尘设备的理想配套动力。防护等级为IP44或IP55可选，绝缘等级为B或F可选。

4. 出口法兰

法兰采用热镀锌钢板折弯，TOX或点焊连接固定；外观精美，并具有足够的刚度与强度。BKBS系列风机通过软连接连接风机出口和法兰。BKB系列风机通过镀锌板硬连接连接风机出口和法兰。

5. 电器连接

BKB、BKBS系列管道风机配有防护等级为IP54的外置接线盒相连。

2. Impeller

Forward curved impellers are made of galvanized steel sheet. The impeller is constructed with maximum strength that endures the continuous operation with maximum power. All winds are balanced to G2.5 in according to the ANSI/AMCA 204-05 standard.

3. Motor

The motor is designed for double blower fan with outer-rotor structure. The characteristic is compact structure, short axial size, low noise, it can adjust speed as well as change voltage. It is ideal motors for fan, dust cleaner. Protection class: IP44 or IP 55. Insulation class: B or F.

4. Flange

The inlet outlet flanges are made of galvanized steel sheet and using TOX or spot-welding process. This guide the good appearance, of flanges and also make the flanges more strength and rigidity.
BKBS have a flexible connections between fan outlet and flange. BKB is a hard connection through the fan outlet and flange.

5. Electrical Connection

BKB、BKBS series fan motor with a cable, and protection to IP54 junction box connected to an external, removable terminal block.



声级

性能曲线中所显示的噪声是管道系统出口处的声功率级 L_{WA} ，是一个“A”分贝值。

进口处的 A 声功率级 L_{WA} 根据 GB/T 2888-2008 第 38 节规定的方法测定，可通过相对声功率级计算或近似采用下列公式：

$$L_{WA} \approx L_{WA0} - 6 \text{ dB}$$

机壳声功率级 L_{WA2} 根据 GB/T 2888-2008 规定的方法测定，可通过相对声功率级计算或近似采用下列公式：

$$L_{WA2} \approx L_{WA0} - 17 \text{ dB} \text{ 适用 YGB 系列风机}$$

$$L_{WA2} \approx L_{WA0} - 25 \text{ dB} \text{ 适用 YGBS 系列风机}$$

L_{PA} 是距离声源 1 米处 A 声压级，可从声功率级中减去 7dB 近似计算得到：

$$L_{PA(1m)} \approx L_{WA2} - 7 \text{ dB}$$

但是，A 声压级会随反射，测试室的特性及固有频率的变化而变化。

为了避免刚性传导对管道系统的影响，故推荐使用软连接。

说明

- 1) 风机配用电机功率是指在特定工况下，轴功率加上电机容量安全系数而言，并非出风口全开时所需的功率，因此为防止电机因超功率运转而烧毁，严禁风机未加任何外界阻力进行空运转。
- 2) 样本中的风机性能是选用电机额定转速测试的结果，我们亦可通过改变电机的转速达到用户实际的需求。
- 3) 风机在运输、装卸过程中应小心轻放，严禁撞击挤压，严禁堆放于潮湿或有腐蚀性的场合。
- 4) 风机安装前应用手拨动叶轮，检查是否有过紧或碰撞现象，确认没有这些现象后方可进行试运转。
- 5) 风管与风机进风口、出风口之间连接时应尽量采用软连接，接头不得拉得过紧。
- 6) 风机安装后应检查机壳和其他壳体内部，不应有掉入遗留的工具和杂物。
- 7) 风机正式运转前，需检查叶轮的转向是否符合侧板上的转向标记。

Noise Levels

The figures quoted in the performance curves are the "A" decibel figures which are the sound power levels L_{WA} at the outlet side in duct systems.

The "A" sound power level at the inlet side L_{WA} , according to GB/T 2888-2008 part 38, can be calculated via the relative sound power levels or is obtained approximately as follows:

$$L_{WA} \approx L_{WA0} - 6 \text{ dB}$$

The "A" sound power level L_{WA2} , from the casing according to GB/T 2888-2008 can be calculated via the relative sound power levels or is obtained approximately as follows:

$$L_{WA2} \approx L_{WA0} - 17 \text{ dB, for YGB}$$

$$L_{WA2} \approx L_{WA0} - 25 \text{ dB, for YGBS}$$

The "A" sound pressure level L_{PA} at a distance of 1 meter is obtained approximately by deducting 7 dB(A) from the "A" sound power level:

$$L_{PA(1m)} \approx L_{WA2} - 7 \text{ dB}$$

Note that the reflection, room characteristic and natural frequencies will influence the sound pressure levels.

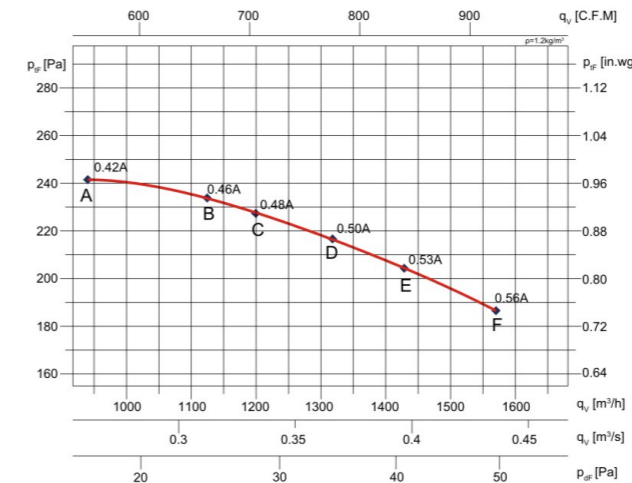
To avoid rigid conduction transfer to the duct system, we recommend to use the flexible duct connection.

Instructions

- 1) The motor power is calculated from the Bhp plus the safety factor, so to avoid the motor burn and damage, the fan shall not operate at type A condition. (i.e. free inlet, free outlet)
- 2) The fan performance in the catalog is tested under the rated motor speed, we can meet the actual requirement of the user by changing the motor speed.
- 3) During transportation, loading and unloading, all fans shall be handled carefully to avoid damaging. the fans shall store in a dry, clean and non-toxics area.
- 4) Before commissioning and operating, the impeller should be turned by hand to ensure that it turns freely without colliding with other parts of the fan.
- 5) When the duct is connecting to the inlet and the outlet of the fan, a flexible connector shall be used in between.
- 6) Check and clean the housing of the fan, to ensure than there is no sundry inside the housing.
- 7) Before operating, check the rotational direction of the, to ensure than the rotation direction is same as the label shown on the fan.

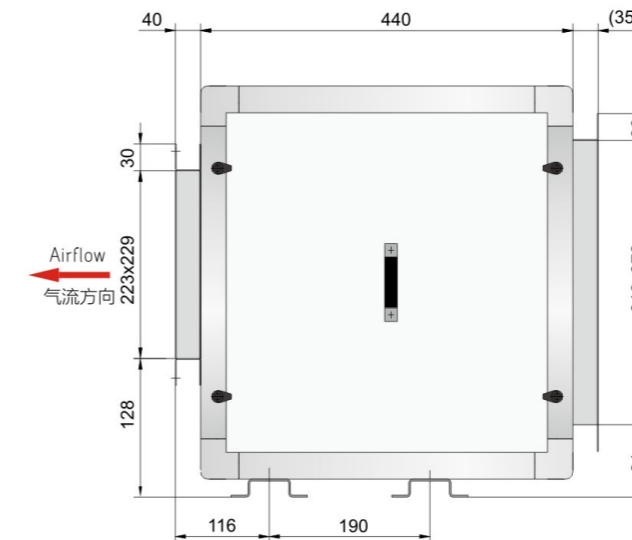
技术参数

BKB/BKBS 200 | 0.18kW-4P



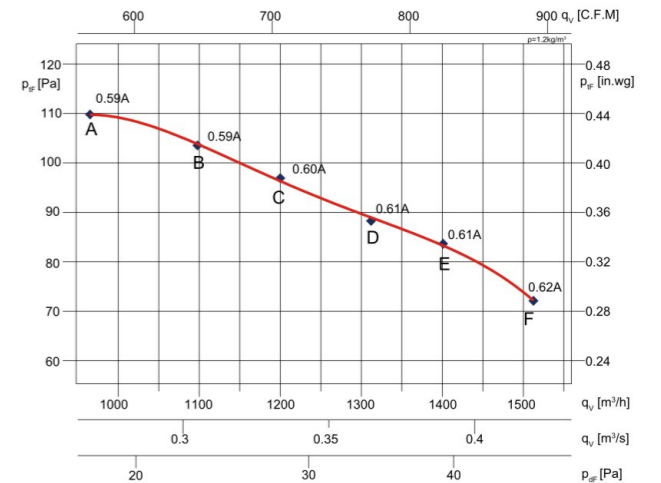
Type:	m: 15 kg	P_N : 0.18kW-4P						
BKB/BKBS 200	U: 380 v	f_1 : 50HZ						
	I_N : 0.56 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{WA} dB (A)
A	55.2	62.9	64.5	69.6	66.0	64.1	55.5	73.2
B	53.8	62.0	65.9	71.1	67.5	66.0	57.8	74.6
C	54.1	63.0	67.0	74.6	69.3	68.1	60.5	77.1
D	54.1	63.2	67.4	75.4	70.3	69.3	62.1	77.5
E	54.1	63.4	67.8	75.4	70.3	69.3	62.1	78.1
F	55.2	64.4	68.8	74.6	71.7	70.8	64.0	78.4

BKBS外形及安装尺寸



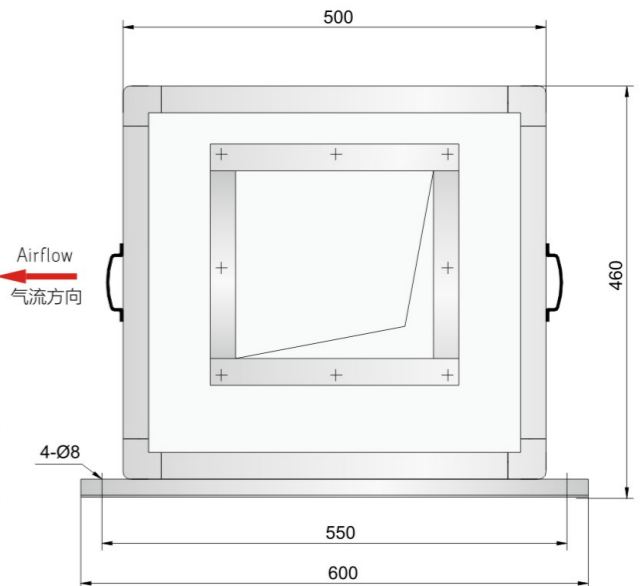
Technical Data

BKB/BKBS 200 | 0.18kW-6P



Type:	m: 15 kg	P_N : 0.18kW-6P						
BKB/BKBS 200	U: 380 v	f_1 : 50HZ						
	I_N : 0.79 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{WA} dB (A)
A	46.2	55.2	58.7	63.0	60.5	58.6	49.9	67.0
B	46.6	56.2	58.7	62.6	59.2	56.2	46.0	66.3
C	50.6	59.1	61.5	65.2	63.1	61.5	52.6	69.7
D	52.3	60.4	62.8	66.5	64.5	63.4	54.9	71.1
E	52.8	62.4	64.8	69.1	67.2	66.1	58.5	73.6
F	54.4	63.3	65.9	70.4	68.5	67.6	60.2	74.9

BKBS Overall Size

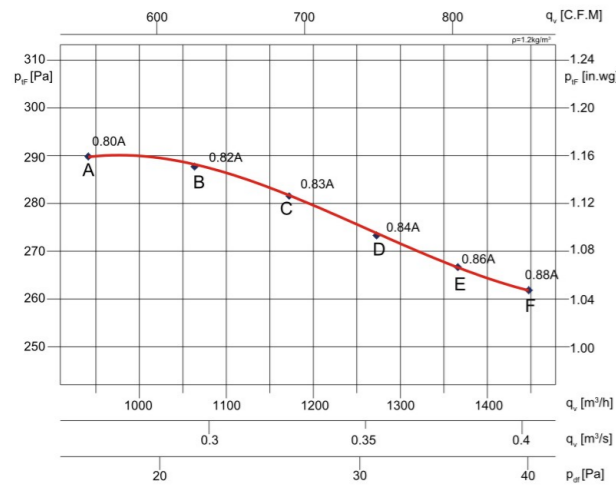




技术参数

Technical Data

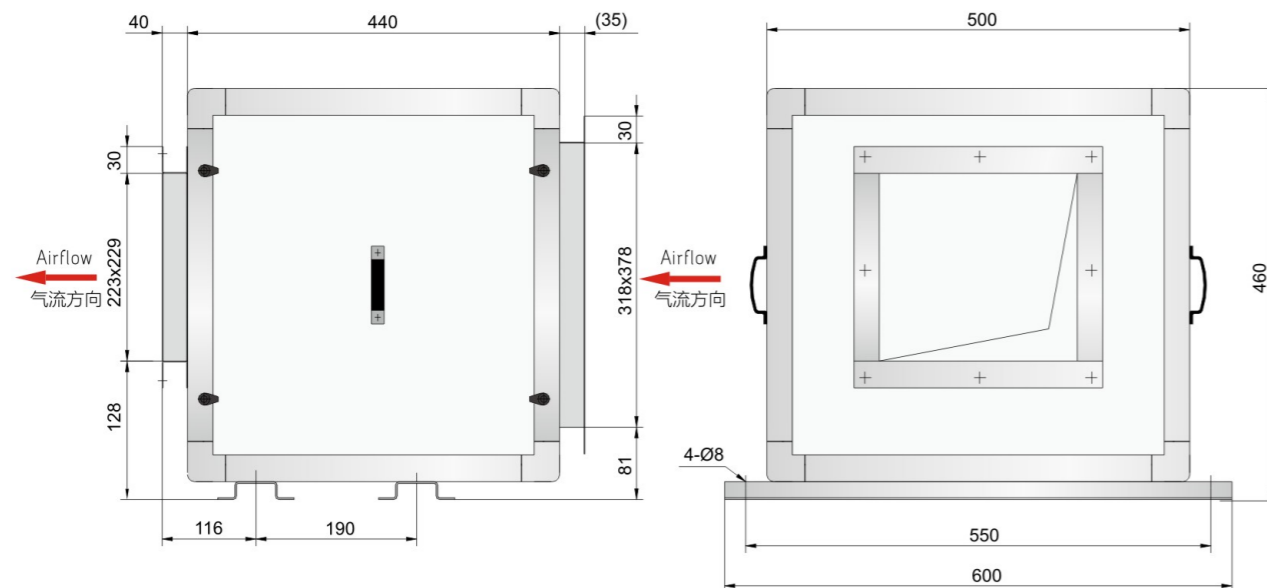
BKB/BKBS 200 | 0.25KW-4P



Type:	m: 15 kg	P _N : 0.25kW-4P						
BKB/BKBS 200	U: 380 v	f _i : 50HZ						
	I _N : 0.88 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	53.6	62.9	63.3	68.4	64.7	62.8	61.6	72.1
B	53.5	62.1	64.0	69.1	65.5	63.7	58.7	72.8
C	53.3	61.6	64.7	69.9	66.3	64.6	57.3	73.4
D	54.0	62.0	65.4	70.6	67.1	65.5	56.2	74.1
E	54.7	62.4	66.0	72.4	67.9	66.6	55.0	75.4
F	55.4	62.8	67.4	75.0	69.9	68.8	53.9	77.6

BKBS外形及安装尺寸

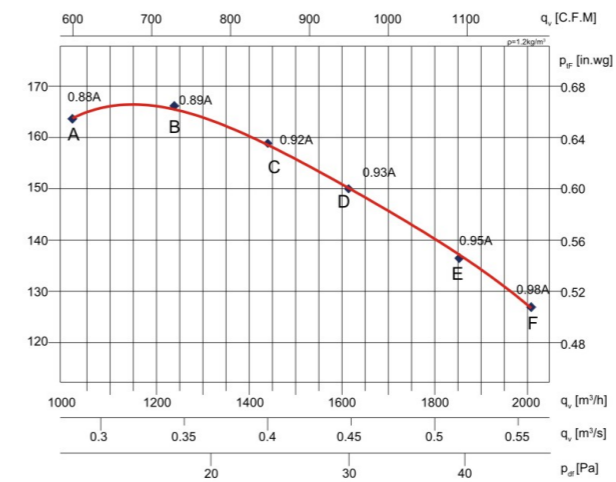
BKBS Overall Size



技术参数

Technical Data

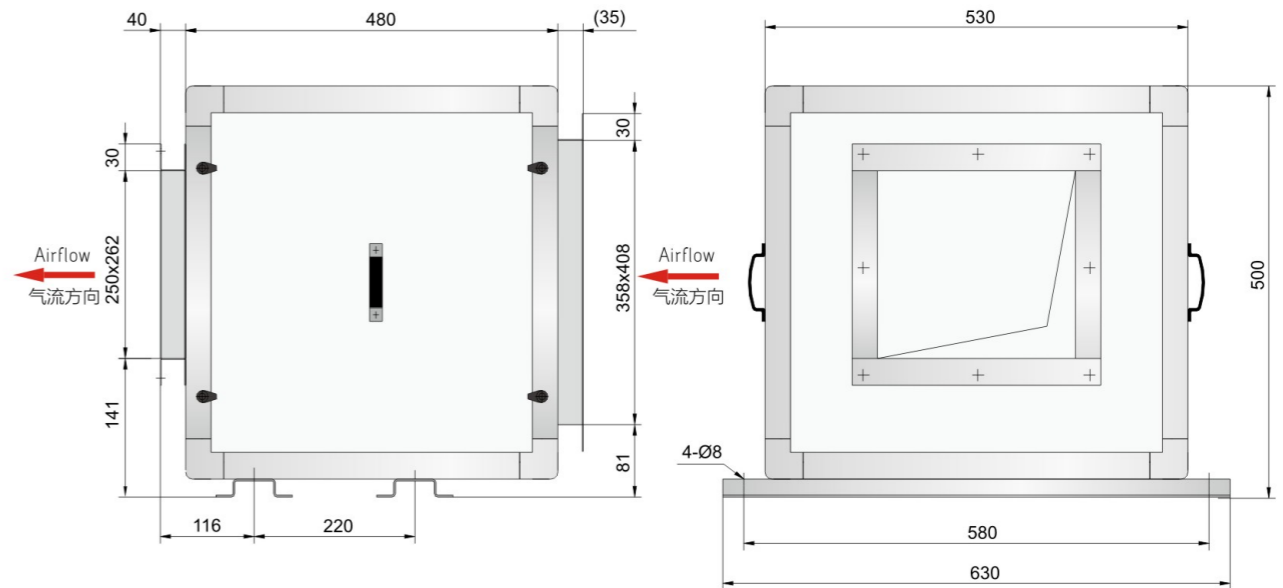
BKB/BKBS 225 | 0.25KW-6P



Type:	m: 17.6 kg	P _N : 0.25kW-6P						
BKB/BKBS 200	U: 380 v	f _i : 50HZ						
	I _N : 1.04 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	51.4	60.0	61.2	64.9	60.5	58.8	59.6	69.2
B	52.5	61.6	63.2	66.7	62.4	60.1	59.6	70.8
C	52.1	62.9	65.5	68.4	64.8	69.0	59.7	73.9
D	53.5	64.9	67.5	70.1	67.0	65.7	60.5	74.6
E	55.1	66.6	70.2	73.6	69.5	68.6	62.2	77.1
F	56.8	67.9	71.9	74.2	71.2	70.5	63.7	78.8

BKBS外形及安装尺寸

BKBS Overall Size

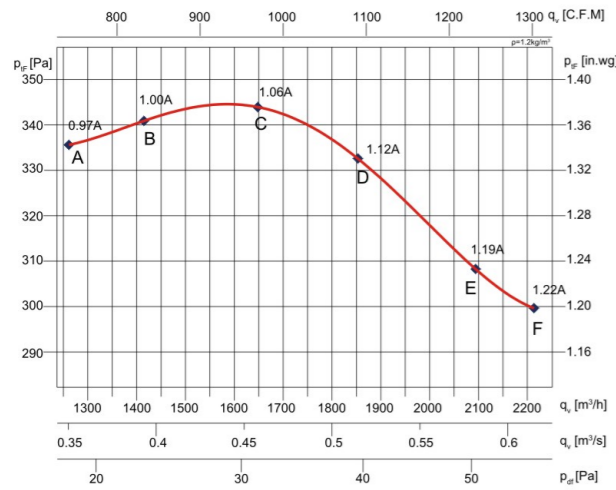




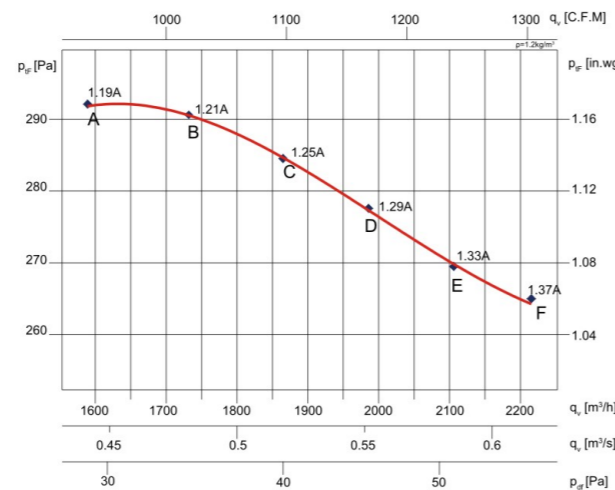
技术参数

Technical Data

BKB/BKBS 225 | 0.37KW-4P



BKB/BKBS 225 | 0.45KW-4P

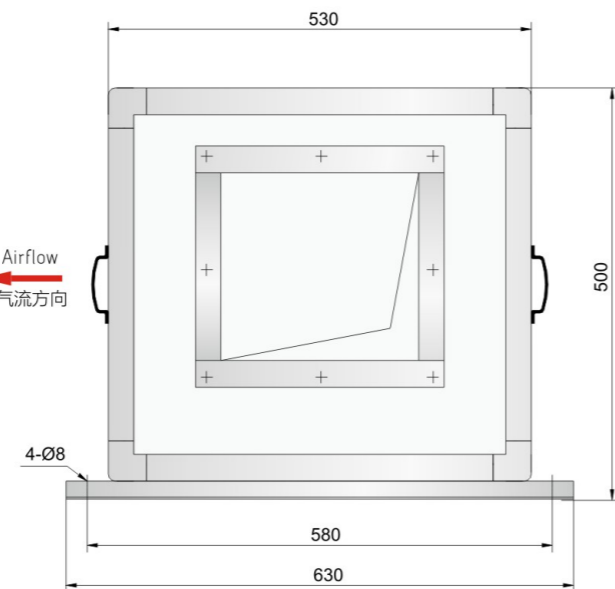
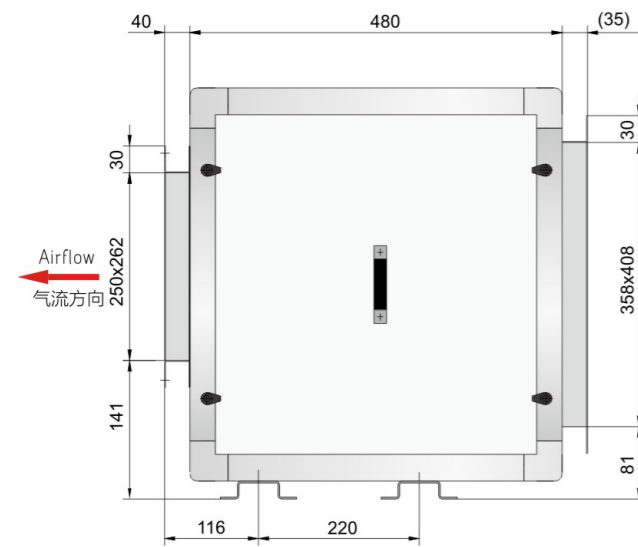


Type: BKB/BKBS 225	m: 17.9 kg	P _N : 0.37kW-4P						
	U: 380 v	f ₁ : 50HZ						
	I _N : 1.21 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w ,dB (A)
A	58.3	68.3	68.4	70.9	68.9	67.0	60.3	76.1
B	56.8	67.5	68.6	71.3	69.7	67.8	60.9	76.4
C	56.6	68.4	70.1	73.1	71.1	69.6	61.9	77.9
D	56.9	69.6	71.8	74.8	72.5	71.3	63.5	79.4
E	57.7	70.4	73.9	76.5	74.2	73.5	65.6	81.3
F	58.3	70.7	74.8	77.4	75.0	74.4	66.9	82.1

Type: BKB/BKBS 225	m: 18.85 kg	P _N : 0.45kW-4P						
	U: 380 v	f ₁ : 50HZ						
	I _N : 1.36 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w ,dB (A)
A	58.2	70.6	74.7	77.3	74.9	74.2	66.8	82.0
B	57.5	70.2	73.8	76.4	74.1	73.3	65.5	81.1
C	56.8	69.4	71.6	74.6	72.3	71.1	63.3	79.3
D	56.5	68.3	69.9	72.9	70.9	69.4	61.8	77.7
E	56.6	67.4	68.4	71.2	69.5	67.7	60.8	76.2
F	56.8	66.5	66.9	69.4	68.1	65.9	59.8	74.8

BKBS外形及安装尺寸

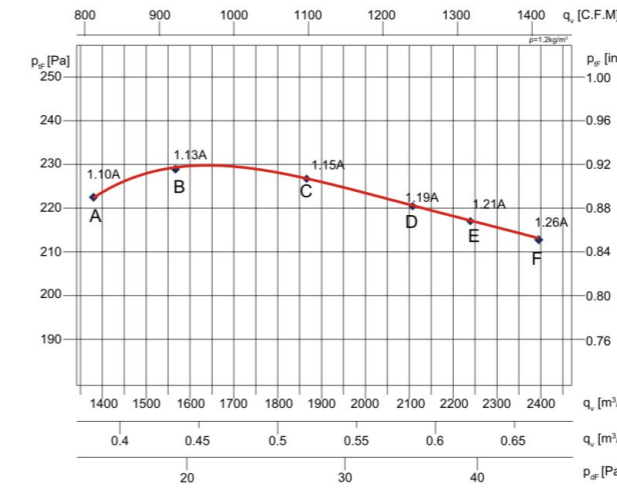
BKBS Overall Size



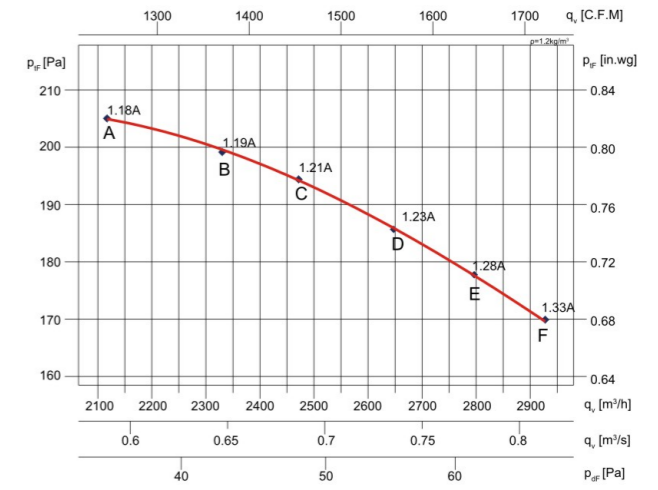
技术参数

Technical Data

BKB/BKBS 250 | 0.32KW-6P



BKB/BKBS 250 | 0.37KW-6P

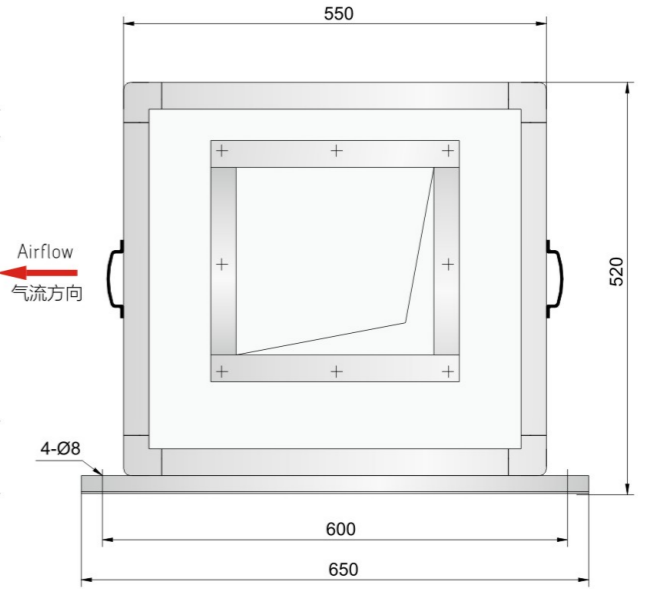
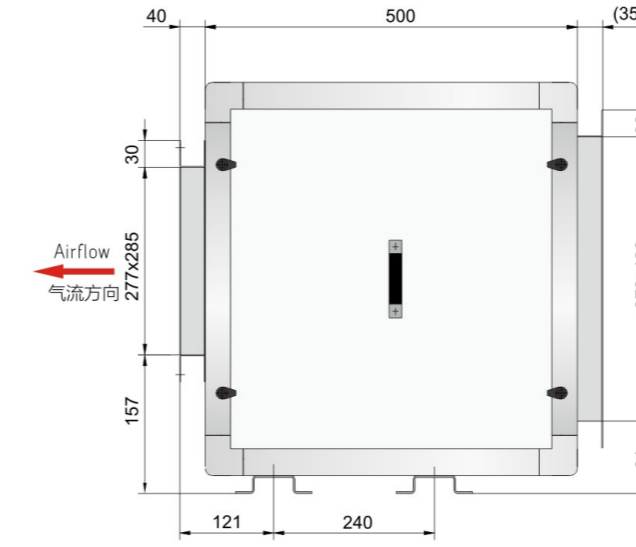


Type: BKB/BKBS 2501	m: 20.4 kg	P _N : 0.32kW-6P						
	U: 380 v	f ₁ : 50HZ						
	I _N : 1.29 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w ,dB (A)
A	56.5	62.9	64.1	69.1	63.8	60.9	50.0	72.3
B	54.2	62.7	65.2	69.7	65.7	63.7	53.2	73.3
C	55.2	63.2	65.9	70.3	66.9	65.3	55.5	74.1
D	55.9	63.9	66.7	71.5	67.7	66.3	57.1	75.1
E	57.5	65.1	67.9	72.5	69.6	68.4	60.2	76.5
F	57.4	65.4	68.7	73.4	70.5	69.5	61.6	77.4

Type: BKB/BKBS 2501	m: 20.4 kg	P _N : 0.37kW-6P						
	U: 380 v	f ₁ : 50HZ						
	I _N : 1.37 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w ,dB (A)
A	55.3	63.1	66.0	70.2	67.0	65.2	55.7	74.1
B	56.0	63.8	66.8	71.4	67.8	66.2	57.2	75.1
C	57.6	65.0	68.0	72.4	69.7	68.3	60.3	76.5
D	57.5	65.3	68.8	73.3	70.6	69.4	61.7	77.4
E	57.6	66.0	69.7	74.6	71.6	70.7	63.4	78.5
F	58.2	66.7	70.8	75.4	72.8	71.9	64.8	79.5

BKBS外形及安装尺寸

BKBS Overall Size



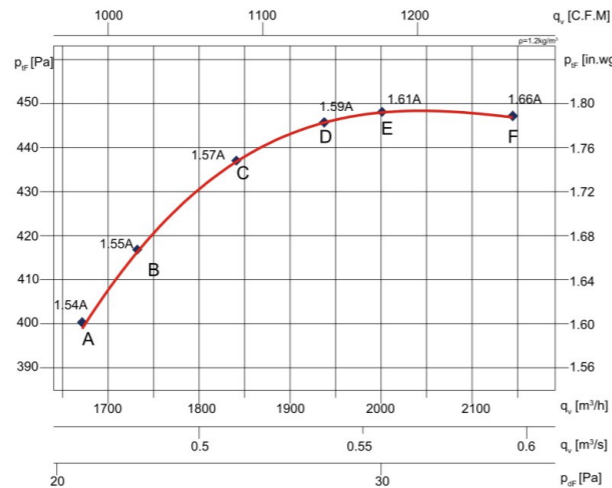
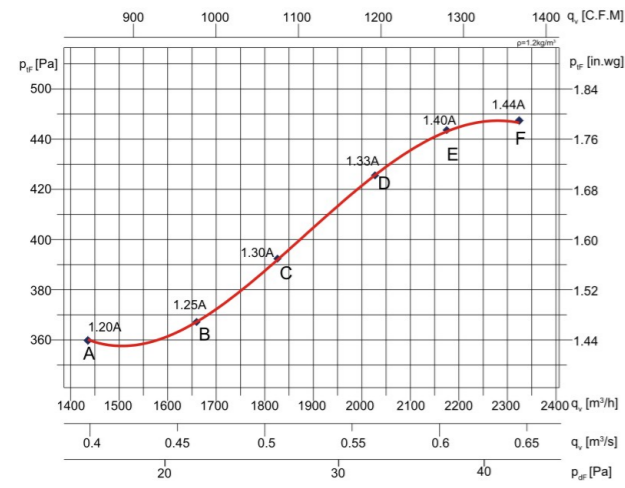


技术参数

Technical Data

BKB/BKBS 250 | 0.45KW-4P

BKB/BKBS 250 | 0.55KW-4P

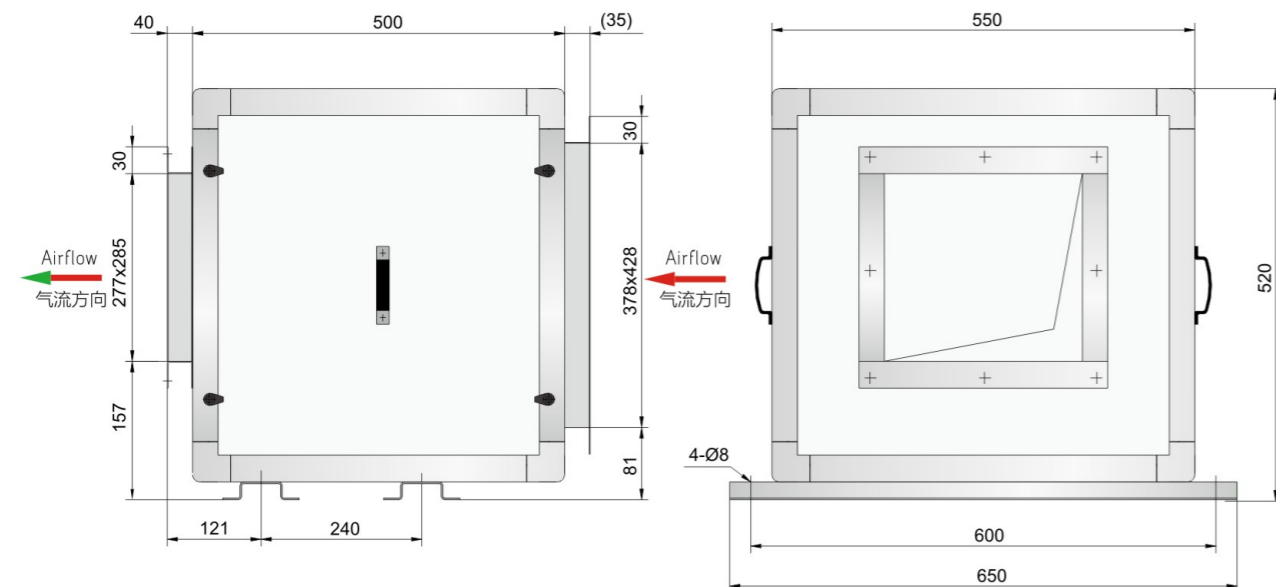


Type:	m: 20.35 kg	P_N : 0.45kW-4P						
BKB/BKBS 250	U: 380 v	f_1 : 50HZ						
	I_N : 1.42 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wA} dB (A)
A	60.3	69.1	71.4	76.3	73.9	72.9	65.6	80.5
B	54.9	68.9	71.2	75.3	73.8	72.6	65.2	80.0
C	60.7	69.1	70.6	74.8	72.8	71.7	64.0	79.4
D	61.3	69.3	70.6	74.2	72.5	71.4	63.6	79.1
E	63.3	70.1	70.6	73.9	72.1	70.9	63.0	79.0
F	64.2	70.5	70.7	73.5	71.6	70.1	62.0	78.7

Type:	m: 21.5 kg	P_N : 0.55kW-4P						
BKB/BKBS 250	U: 380 v	f_1 : 50HZ						
	I_N : 1.68 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wA} dB (A)
A	64.6	70.7	70.5	73.5	71.5	70.0	62.0	78.7
B	64.3	70.6	70.8	73.6	71.7	70.2	62.1	78.8
C	64.1	70.4	70.9	73.9	72.0	70.7	62.6	79.0
D	61.4	69.4	70.7	74.3	72.6	71.4	63.7	79.2
E	60.8	69.2	70.7	74.9	72.9	71.8	64.1	79.5
F	60.7	69.0	71.0	75.0	73.2	72.0	64.5	79.7

外形及安装尺寸

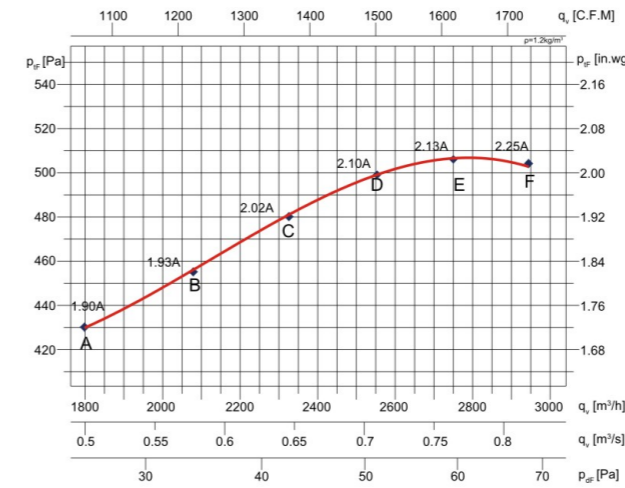
Overall Size



技术参数

Technical Data

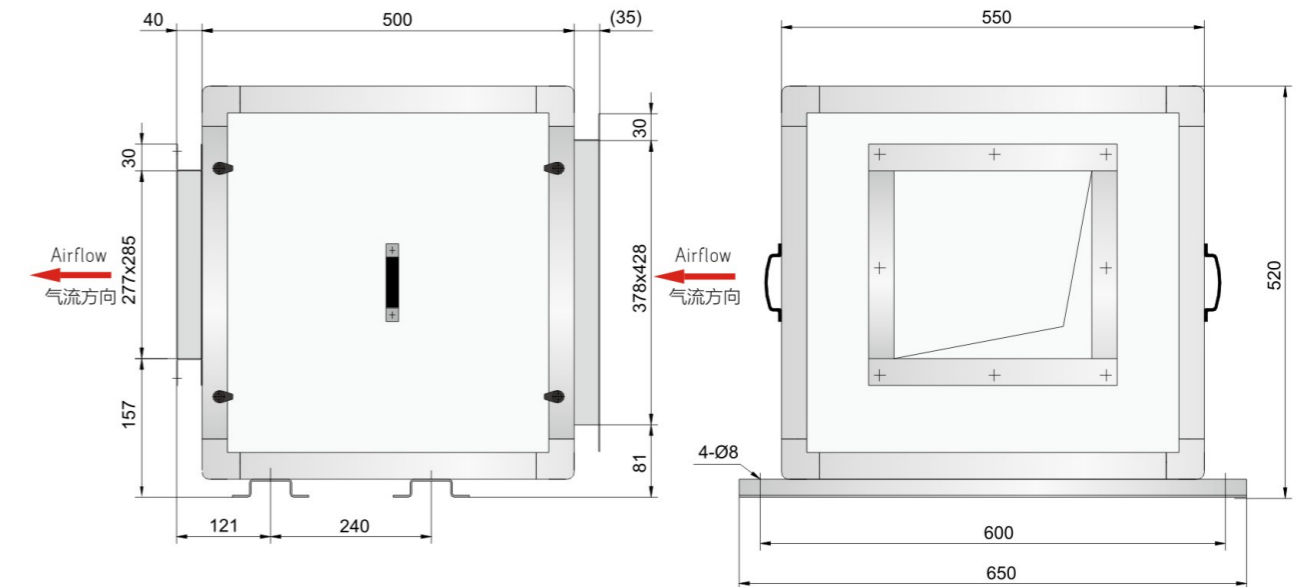
BKB/BKBS 250 | 0.8KW-4P



Type:	m: 23.65 kg	P_N : 0.8kW-4P						
BKB/BKBS 250	U: 380 v	f_1 : 50HZ						
	I_N : 2.31 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wA} dB (A)
A	55.1	69.0	71.1	75.5	73.9	72.9	65.4	80.2
B	60.8	69.0	70.8	75.1	73.3	72.2	64.6	79.7
C	60.9	69.3	70.6	75.0	72.9	71.9	64.2	79.6
D	61.5	69.5	70.5	74.4	72.7	71.6	63.8	79.3
E	64.2	70.5	70.7	74.0	72.1	70.8	62.7	79.1
F	64.4	70.7	70.7	73.7	71.8	70.4	62.2	78.9

外形及安装尺寸

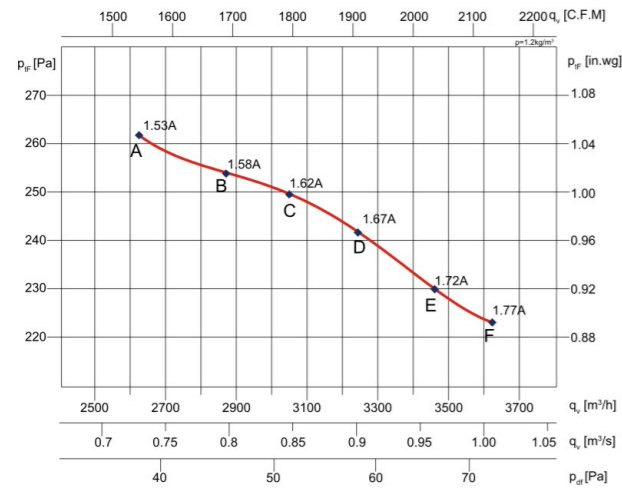
Overall Size





技术参数

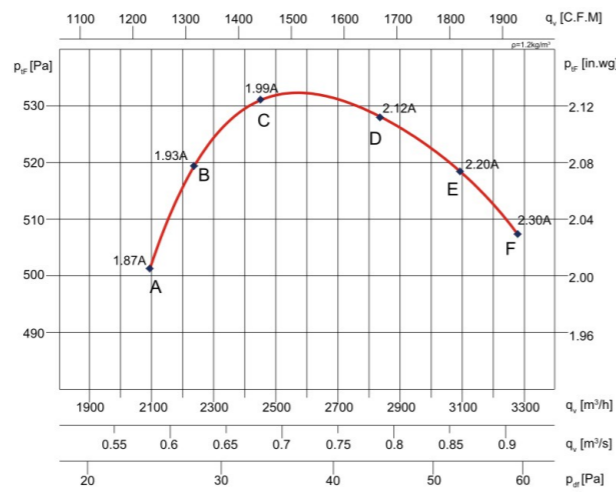
BKB/BKBS 280 | 0.55KW-6P



Type: BKB/BKBS 280	m: 24 kg	P_N : 0.55kW-6P						
	U: 380 v	f_1 : 50HZ						
	I_N : 1.83 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wA} dB (A)
A	56.6	63.8	66.5	69.9	65.1	64.3	60.8	73.8
B	56.2	64.5	67.7	71.5	67.2	66.5	62.1	75.4
C	58.0	64.8	68.6	72.8	68.4	67.9	62.4	76.5
D	58.8	66.4	70.7	74.6	71.0	70.7	64.5	78.6
E	59.6	67.1	71.7	75.8	72.3	72.0	65.6	79.6
F	59.6	68.0	72.9	76.8	73.7	73.3	66.8	80.9

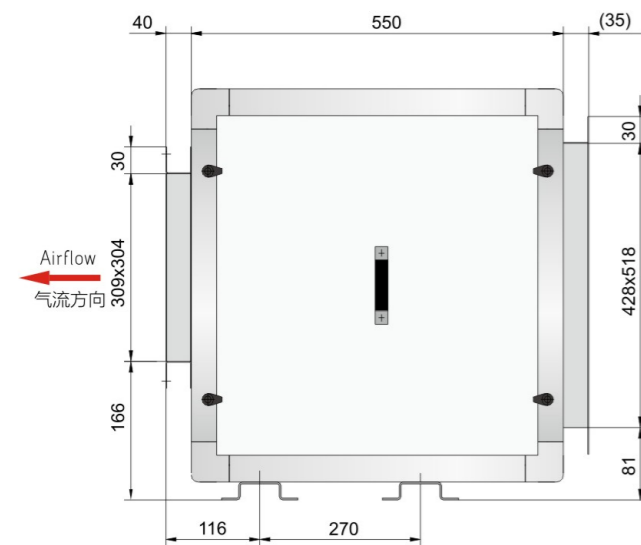
Technical Data

BKB/BKBS 280 | 0.8KW-4P

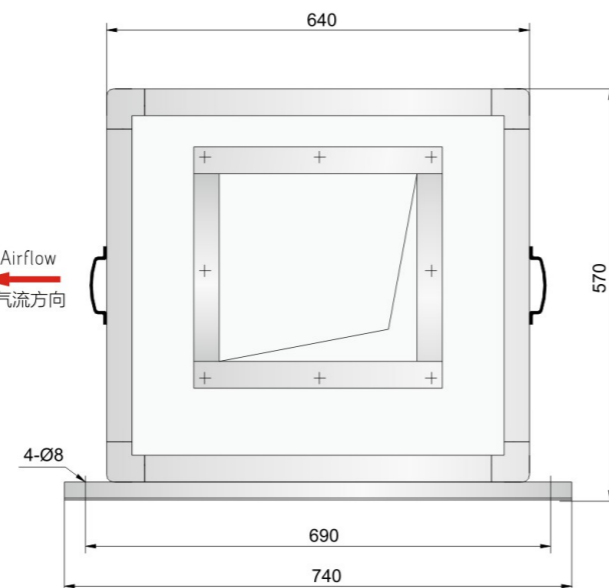


Type: BKB/BKBS 280	m: 32.2 kg	P_N : 0.8kW-4P						
	U: 380 v	f_1 : 50HZ						
	I_N : 2.31 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wA} dB (A)
A	64.1	70.0	69.7	73.7	70.7	69.9	62.9	78.4
B	61.8	68.9	69.5	74.0	71.2	70.6	69.2	78.8
C	60.1	68.5	70.1	75.6	72.3	71.8	64.8	79.5
D	60.1	68.7	70.7	76.4	73.1	72.5	65.2	80.2
E	59.6	68.0	72.9	76.8	73.7	73.3	66.8	80.9
F	60.2	69.0	71.0	77.3	74.0	73.6	66.7	81.1

BKBS外形及安装尺寸

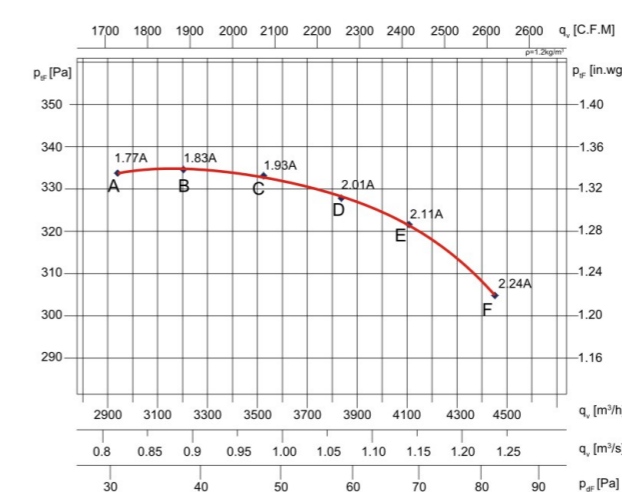


BKBS Overall Size



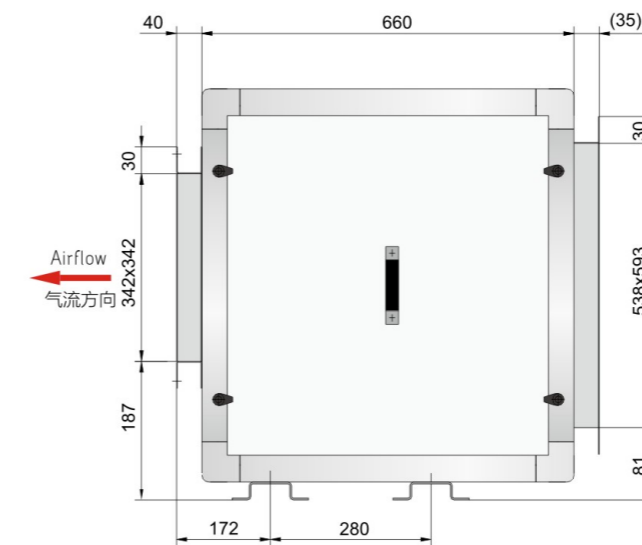
技术参数

BKB/BKBS 315 | 0.8KW-6P



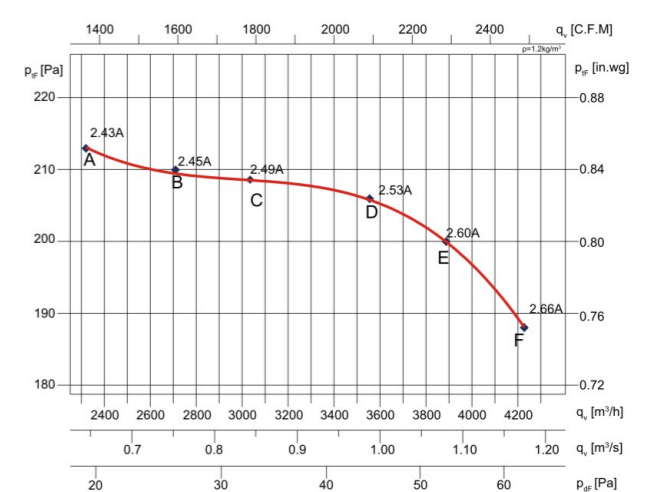
Type: BKB/BKBS 315	m: 42.2 kg	P_N : 0.8kW-6P						
	U: 380 v	f_1 : 50HZ						
	I_N : 2.35 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wA} dB (A)
A	61.3	67.5	68.6	68.7	66.1	65.3	61.2	74.9
B	60.7	68.8	71.1	70.7	68.1	67.4	61.8	76.7
C	60.2	69.1	72.2	72.0	69.4	68.8	62.5	77.7
D	61.1	70.0	72.7	73.1	70.7	70.1	63.2	78.7
E	60.5	71.0	74.0	74.4	72.2	71.7	64.3	80.0
F	60.1	72.1	75.5	75.9	73.7	73.2	65.6	81.4

BKBS外形及安装尺寸



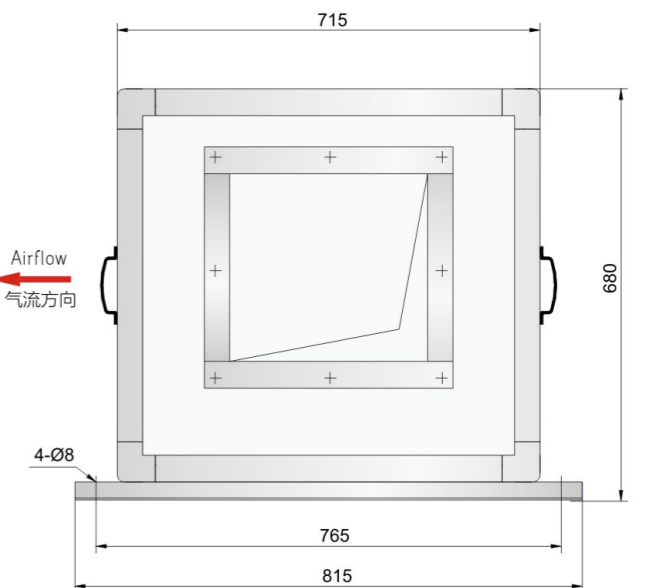
Technical Data

BKB/BKBS 315 | 0.8KW-8P



Type: BKB/BKBS 315	m: 43.8 kg	P_N : 0.8kW-8P						
	U: 380 v	f_1 : 50HZ						
	I_N : 2.69 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wA} dB (A)
A	54.9	59.3	63.9	70.0	57.1	56.7	59.7	71.9
B	54.8	59.3	63.0	72.1	58.6	57.1	59.5	73.3
C	54.7	59.7	63.7	70.0	59.5	57.9	59.5	72.0
D	54.4	60.8	64.5	71.2	61.3	59.5	59.8	73.1
E	55.1	62.2	65.7	70.3	62.9	61.2	59.6	73.1
F	56.1	64.9	67.3	71.9	65.7	64.2	59.9	75.0

BKBS Overall Size



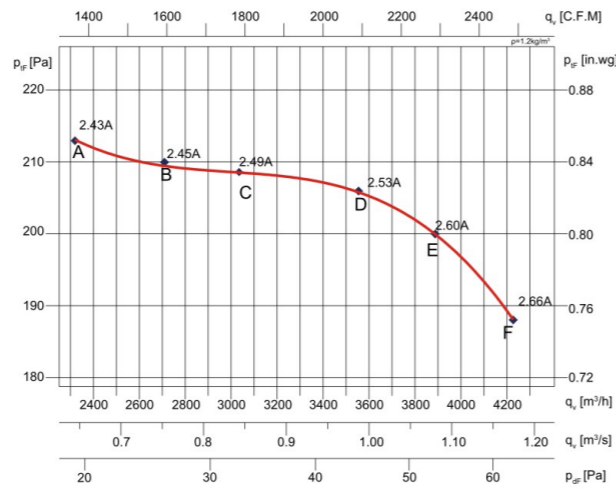
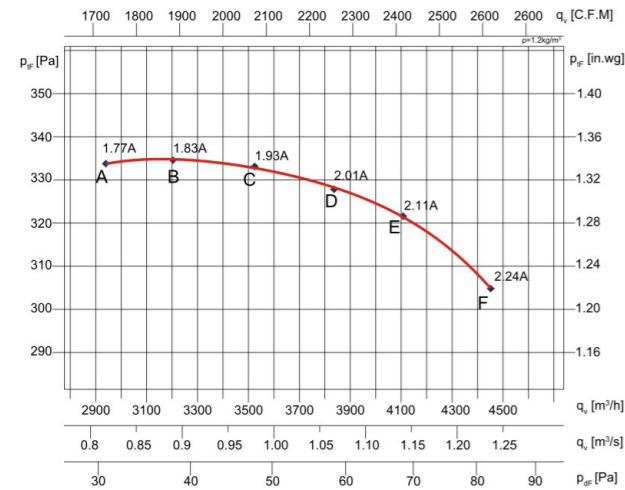


技术参数

Technical Data

BKB/BKBS 315 | 0.8KW-6P

BKB/BKBS 315 | 0.8KW-8P

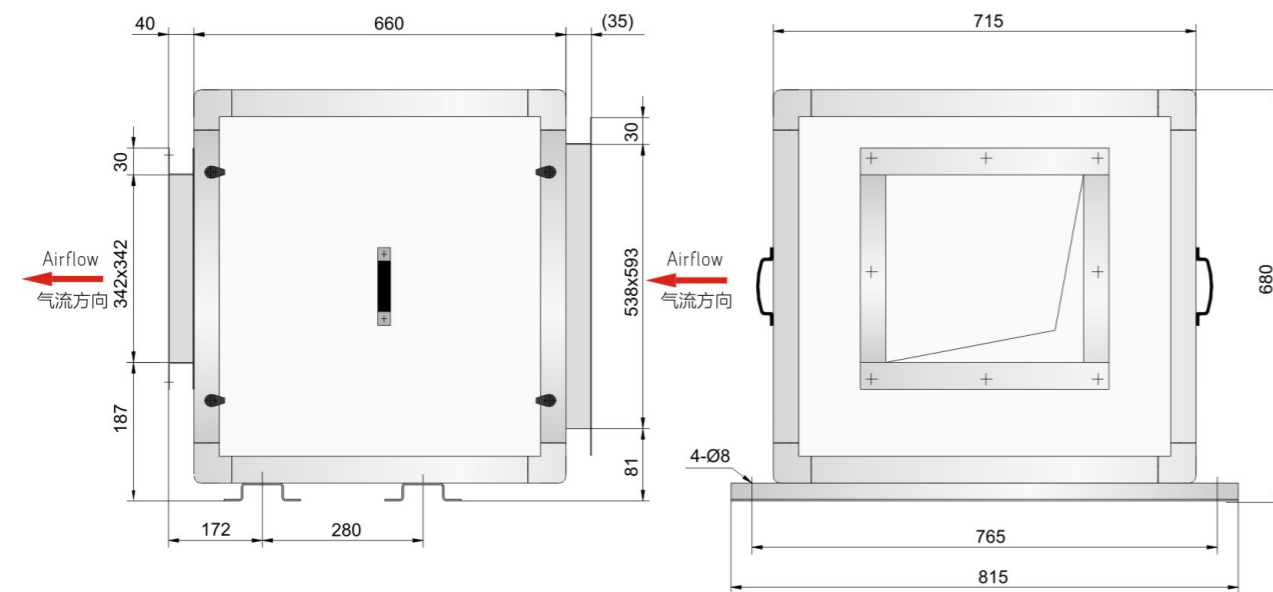


Type:	m: 42.2 kg		P _N : 0.8kW-6P					
BKB/BKBS 315	U: 380 v		f ₁ : 50HZ					
	I _N : 2.35 A		IP: IP54					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w dB (A)
A	61.3	67.5	68.6	68.7	66.1	65.3	61.2	74.9
B	60.7	68.8	71.1	70.7	68.1	67.4	61.8	76.7
C	60.2	69.1	72.2	72.0	69.4	68.8	62.5	77.7
D	61.1	70.0	72.7	73.1	70.7	70.1	63.2	78.7
E	60.5	71.0	74.0	74.4	72.2	71.7	64.3	80.0
F	60.1	72.1	75.5	75.9	73.7	73.2	65.6	81.4

Type:	m: 43.8 kg		P _N : 0.8kW-8P					
BKB/BKBS 315	U: 380 v		f ₁ : 50HZ					
	I _N : 2.69 A		IP: IP54					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w dB (A)
A	54.9	59.3	63.9	70.0	57.1	56.7	59.7	71.9
B	54.8	59.3	63.0	72.1	58.6	57.1	59.5	73.3
C	54.7	59.7	63.7	70.0	59.5	57.9	59.5	72.0
D	54.4	60.8	64.5	71.2	61.3	59.5	59.8	73.1
E	55.1	62.2	65.7	70.3	62.9	61.2	59.6	73.1
F	56.1	64.9	67.3	71.9	65.7	64.2	59.9	75.0

外形及安装尺寸

Overall Size

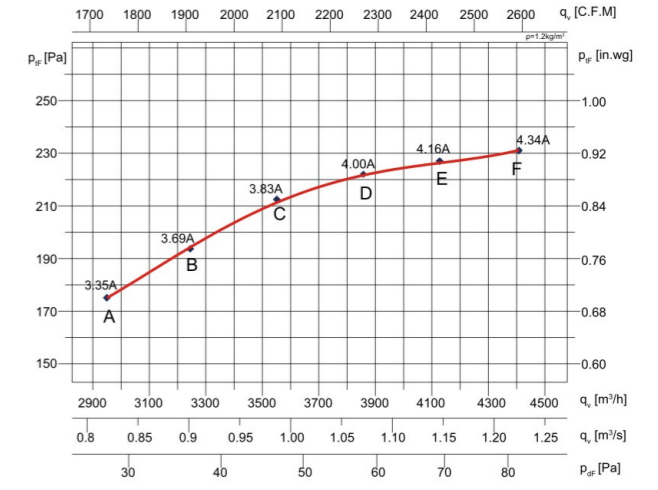
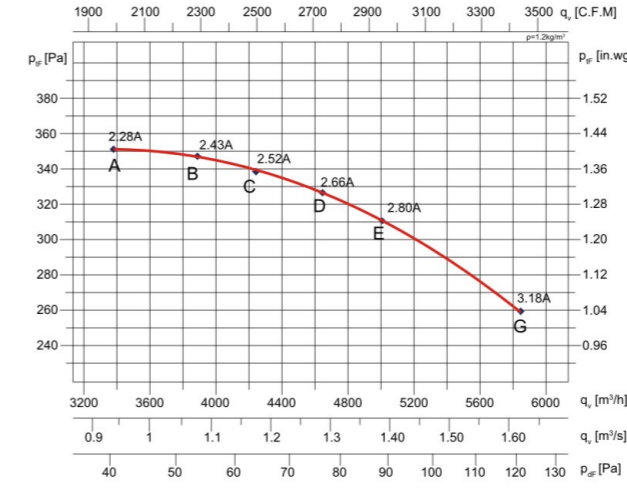


技术参数

Technical Data

BKB/BKBS 315 | 1.1KW-6P

BKB/BKBS 315 | 1.8KW-4P

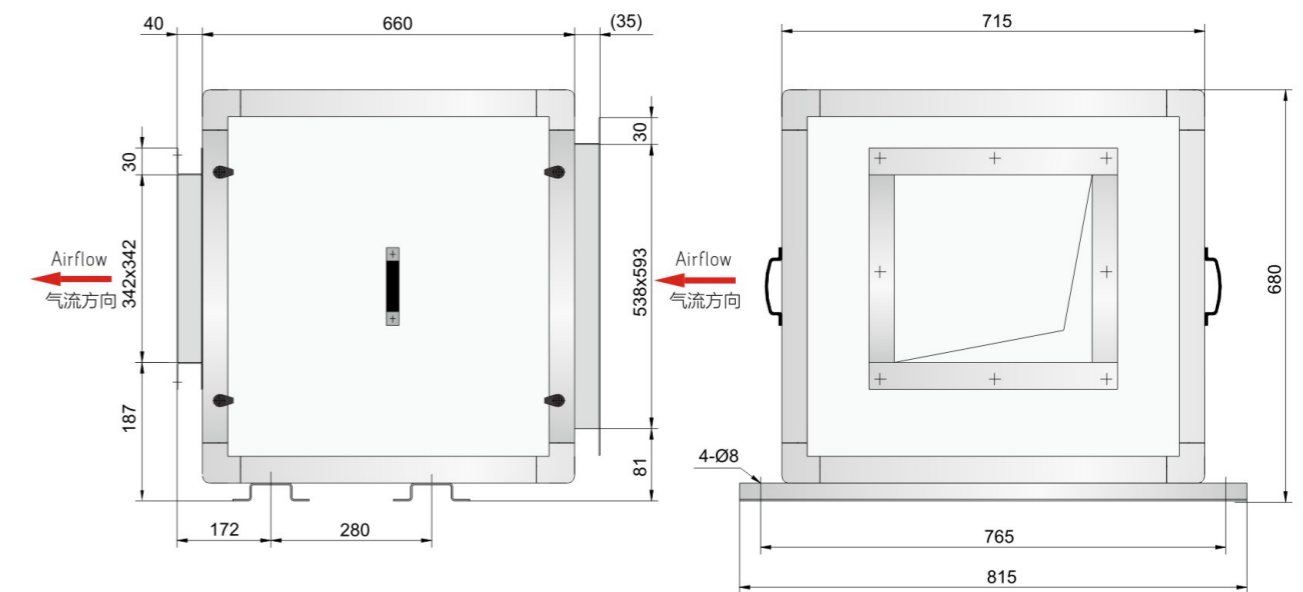


Type:	m: 43.8 kg		P _N : 1.1kW-6P					
BKB/BKBS 315	U: 380 v		f ₁ : 50HZ					
	I _N : 3.3 A		IP: IP54					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w dB (A)
A	61.5	67.2	69.9	70.0	67.5	66.7	61.9	75.8
B	61.2	69.2	71.5	71.2	68.6	67.9	62.3	77.2
C	60.7	69.6	72.6	72.4	69.9	69.3	62.9	78.2
D	61.5	70.4	73.1	73.5	71.1	70.6	63.6	79.2
E	61.0	71.4	74.5	74.8	72.6	72.1	64.8	80.5
F	61.9	73.5	77.3	77.5	75.4	75.0	67.4	83.1

Type:	m: 46.7 kg		P _N : 1.8kW-4P					
BKB/BKBS 315	U: 380 v		f ₁ : 50HZ					
	I _N : 4.47 A		IP: IP54					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w dB (A)
A	59.3	60.5	60.5	63.0	61.0	59.9	53.2	68.8
B	58.4	60.2	59.8	63.5	60.6	60.0	53.4	68.6
C	54.2	59.4	58.8	63.4	60.0	59.7	53.3	68.0
D	52.5	59.2	59.1	63.4	60.6	60.4	54.0	68.1
E	52.5	58.7	59.5	64.3	61.3	60.9	54.8	68.7
F	51.2	58.9	60.0	64.7	61.6	61.4	55.5	69.0

外形及安装尺寸

Overall Size



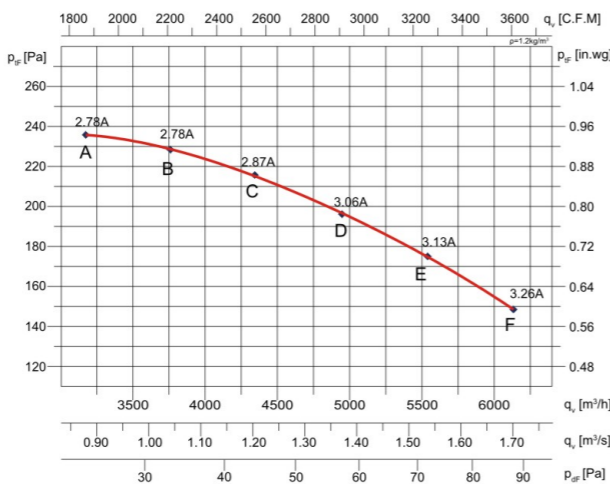
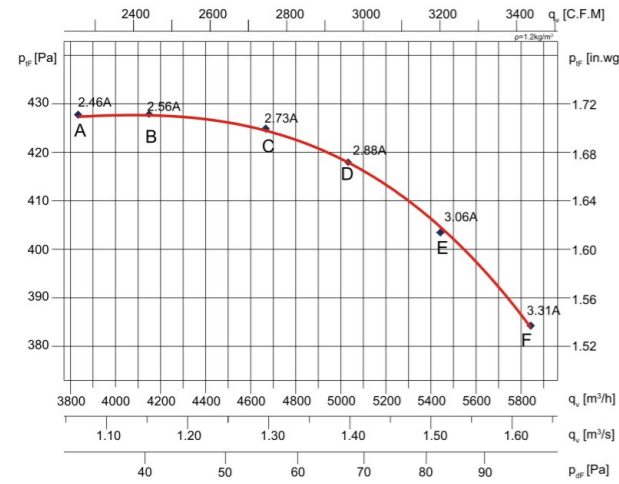


技术参数

Technical Data

BKB/BKBS 355 | 1.1KW-6P

BKB/BKBS355 | 1.1KW-8P

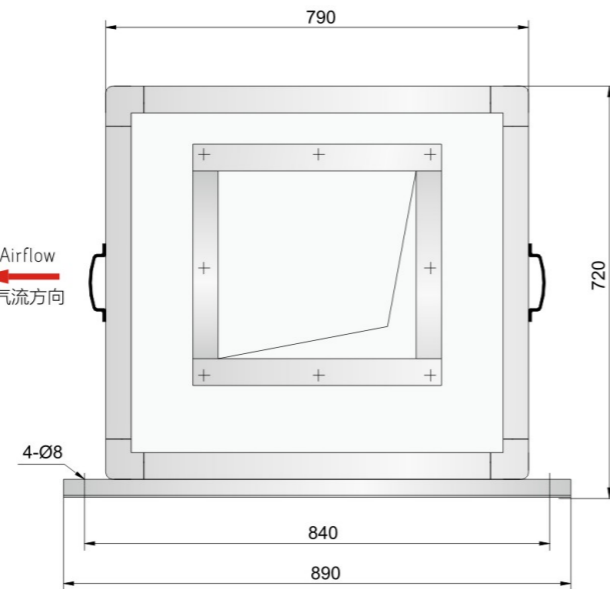
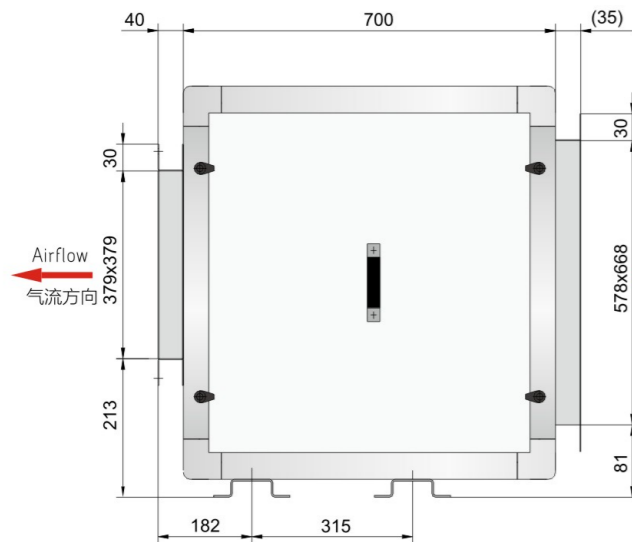


Type:	m: 46.8 kg	P_N : 1.1kW-6P						
BKB/BKBS 355	U: 380 v	f_1 : 50HZ						
	I_N : 3.3 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wa} dB (A)
A	63.9	66.7	71.8	75.2	71.7	71.1	64.6	79.4
B	64.8	67.3	72.9	76.9	73.5	72.7	65.7	80.9
C	64.4	67.9	74.0	78.2	75.2	74.1	67.0	82.2
D	65.5	69.0	75.5	79.7	77.0	75.8	68.7	83.7
E	65.9	69.9	76.4	81.1	78.6	77.2	70.1	85.1
F	68.7	71.1	77.4	82.4	80.2	78.8	71.7	86.5

Type:	m: 53 kg	P_N : 1.1kW-8P						
BKB/BKBS 355	U: 380 v	f_1 : 50HZ						
	I_N : 3.67 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wa} dB (A)
A	55.7	58.5	62.0	62.2	58.1	55.1	45.6	67.3
B	57.2	59.3	64.3	63.8	61.7	59.9	48.2	69.5
C	58.6	60.5	67.0	66.1	64.4	63.6	52.0	72.1
D	58.7	62.6	68.2	69.1	67.2	66.7	56.6	74.4
E	61.2	63.7	71.1	71.8	69.7	69.3	60.6	77.1
F	60.8	65.7	72.9	74.1	72.2	71.7	64.0	79.3

BKBS外形及安装尺寸

BKBS Overall Size

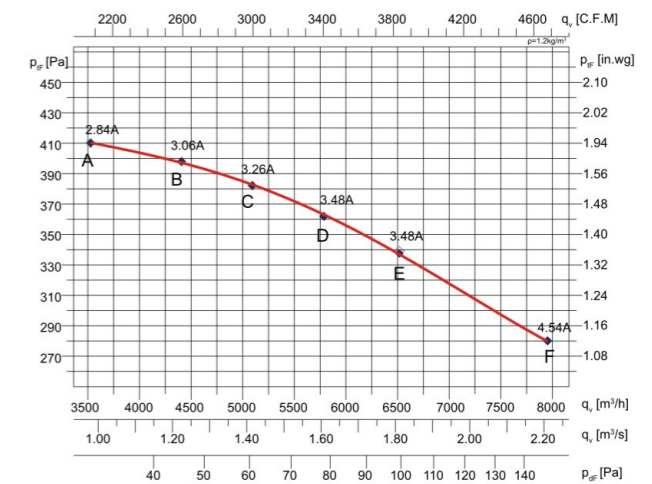
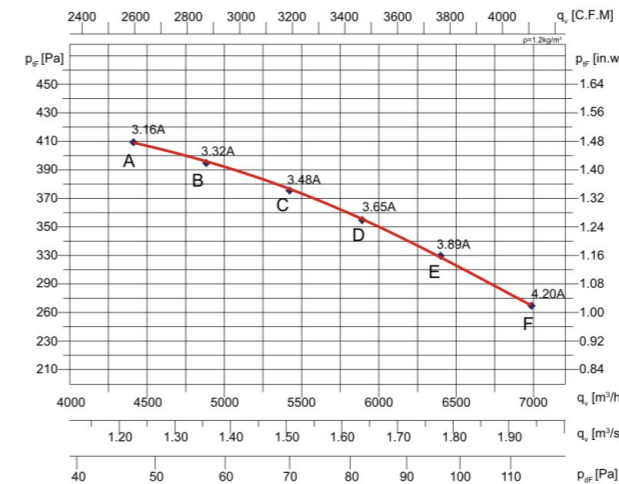


技术参数

Technical Data

BKB/BKBS355 | 1.5KW-6P

BKB/BKBS 355 | 1.8KW-6P

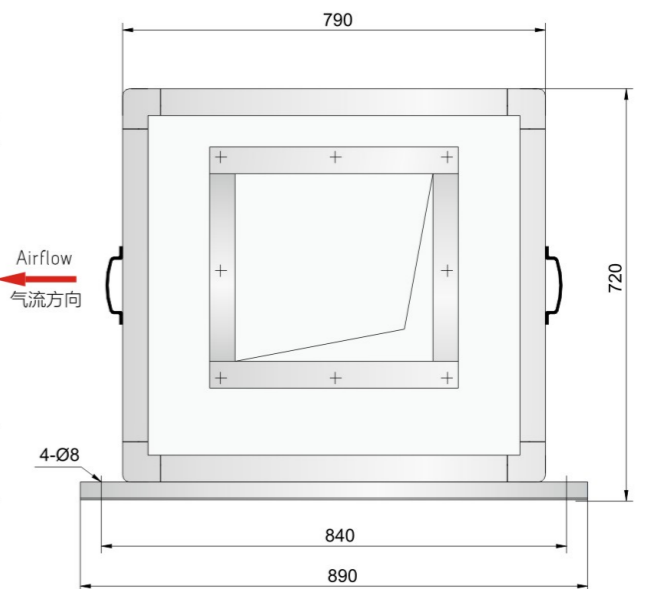
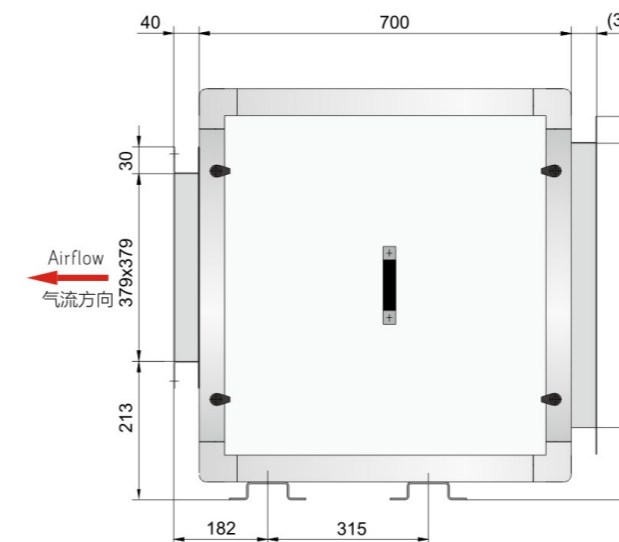


Type:	m: 53 kg	P_N : 1.5kW-6P						
BKB/BKBS 355	U: 380 v	f_1 : 50HZ						
	I_N : 4.2 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wa} dB (A)
A	65.1	67.5	73.1	77.2	73.8	72.9	66.0	81.1
B	64.6	68.2	74.2	78.5	75.4	74.4	67.3	82.4
C	65.7	69.2	75.7	80.0	77.3	76.1	68.9	84.0
D	66.1	70.2	76.7	81.4	78.8	77.5	70.3	85.3
E	68.9	71.3	77.7	82.6	80.4	79.0	71.9	86.7
F	68.0	72.6	79.0	84.1	82.4	84.6	73.7	89.3

Type:	m: 55.6 kg	P_N : 1.8kW-6P						
BKB/BKBS 355	U: 380 v	f_1 : 50HZ						
	I_N : 4.8 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wa} dB (A)
A	63.7	69.2	72.3	76.3	72.9	72.1	64.7	80.4
B	64.2	70.8	74.4	78.4	75.4	74.4	66.8	82.5
C	65.0	71.3	75.7	79.9	77.5	76.3	68.8	84.1
D	67.0	72.7	76.8	81.7	79.4	78.1	70.8	85.8
E	67.5	74.1	78.1	83.4	81.3	79.9	72.7	87.5
F	69.4	75.6	79.5	84.8	83.2	81.6	74.4	89.1

BKBS外形及安装尺寸

BKBS Overall Size

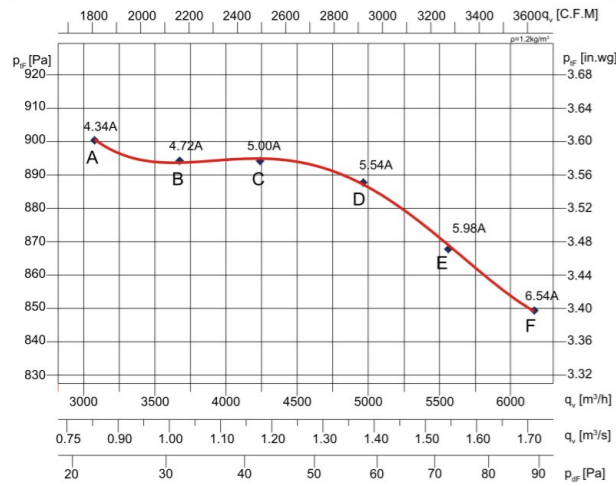




技术参数

Technical Data

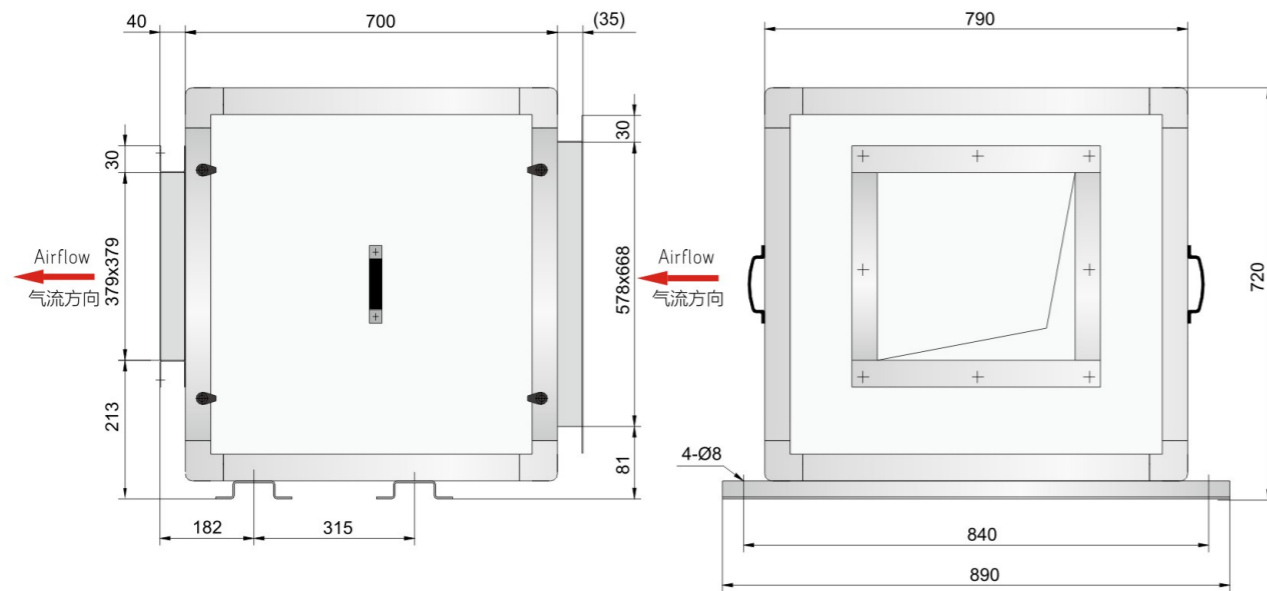
BKB/BKBS 355 | 3KW-4P



Type:	m: 57 kg		P _N : 3kW-4P					
BKB/BKBS 355	U: 380 v		f ₁ : 50HZ					
	I _N : 6.95 A		IP: IP54					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w dB (A)
A	73.0	75.5	76.9	79.3	77.5	76.4	69.9	84.8
B	72.8	74.3	75.7	79.4	77.3	76.5	70.3	84.5
C	72.4	75.2	76.7	80.5	78.1	77.3	71.2	85.3
D	71.6	75.7	77.9	81.9	79.4	78.2	72.2	86.4
E	71.0	75.8	78.8	82.9	80.6	79.4	73.2	87.4
F	69.6	76.1	80.1	85.4	83.6	81.8	75.7	89.6

外形及安装尺寸

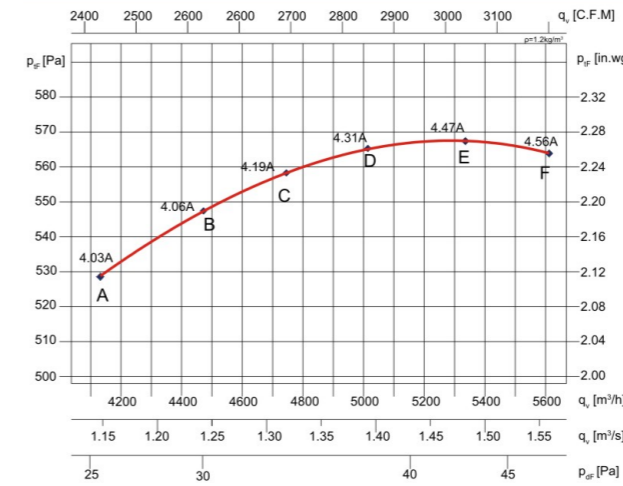
Overall Size



技术参数

Technical Data

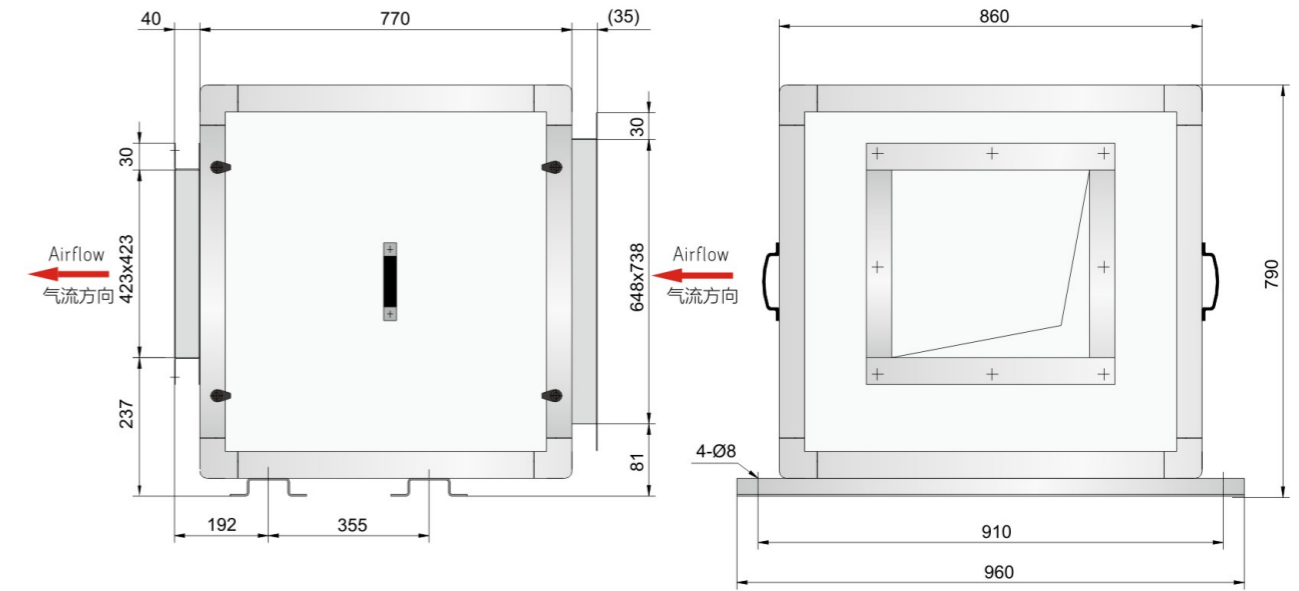
BKB/BKBS 400 | 1.8KW-6P



Type:	m: 61.2 kg		P _N : 1.8kW-6P					
BKB/BKBS 400	U: 380 v		f ₁ : 50HZ					
	I _N : 4.8 A		IP: IP54					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w dB (A)
A	75.8	70.5	71.5	77.7	74.5	72.7	63.1	82.3
B	72.8	71.2	72.8	78.5	76.3	74.2	65.1	82.9
C	77.1	72.5	74.1	80.0	78.1	75.9	67.3	84.8
D	76.8	71.6	74.4	80.4	78.7	76.4	68.3	85.1
E	76.4	70.4	74.6	80.5	79.1	76.7	69.2	85.2
F	77.7	70.9	76.4	82.4	81.1	78.7	71.7	87.0

外形及安装尺寸

Overall Size

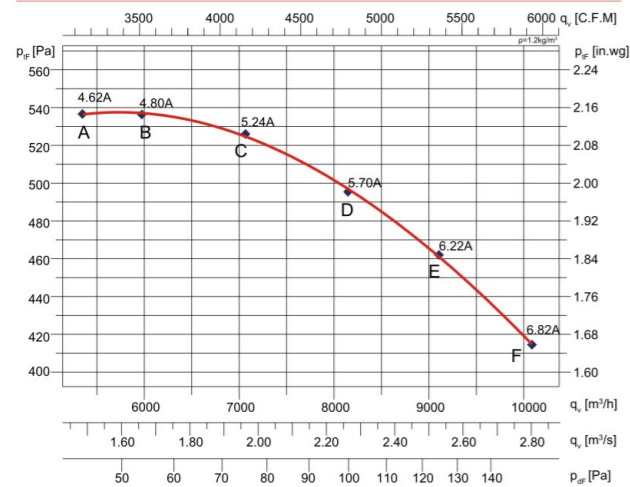




技术参数

Technical Data

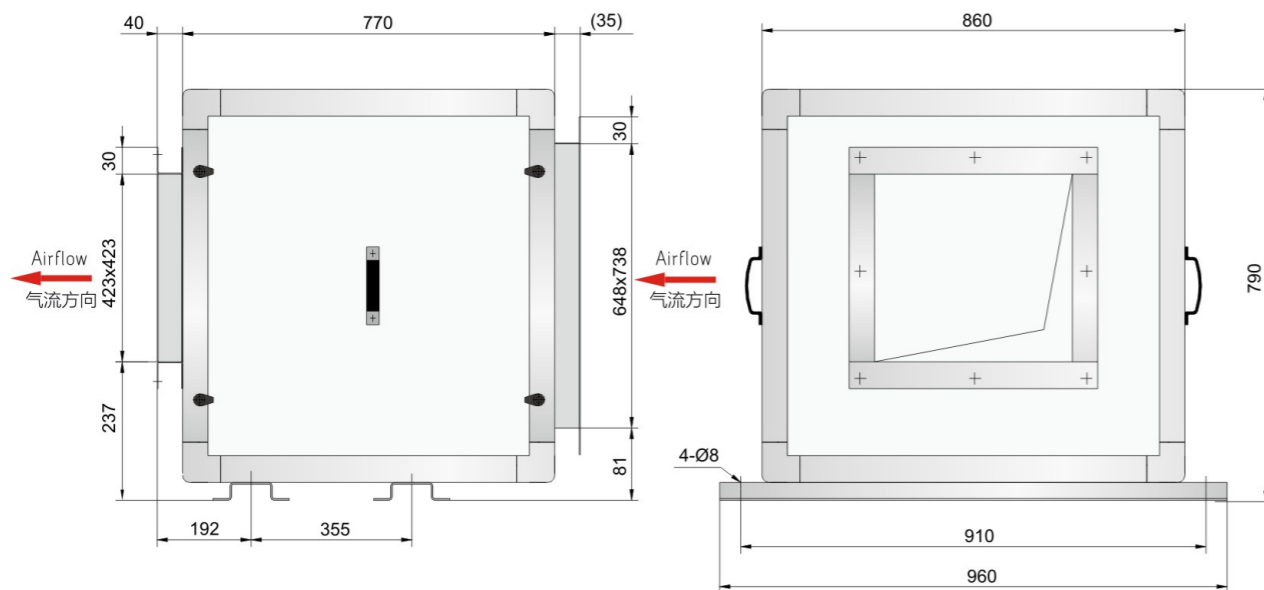
BKB/BKBS 400 | 3KW-6P



Type: BKB/BKBS 400	m: 76.4 kg	P_N : 3kW-6P						
	U: 380 v	f_1 : 50HZ						
	I_N : 7.5 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wa} dB (A)
A	76.1	70.5	71.1	77.4	73.8	71.8	62.3	82.0
B	76.6	71.1	72.2	78.3	75.3	73.2	63.8	83.0
C	73.6	71.7	73.6	79.1	77.0	74.8	65.8	83.5
D	77.8	73.1	74.9	80.6	78.8	76.5	68.0	85.5
E	79.1	73.6	76.7	72.4	80.9	78.4	70.6	87.2
F	74.5	74.8	78.3	73.5	82.5	80.1	72.6	88.1

BKBS外形及安装尺寸

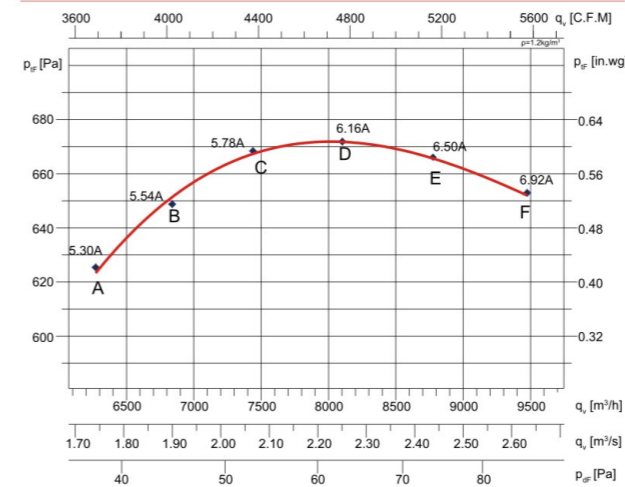
BKBS Overall Size



技术参数

Technical Data

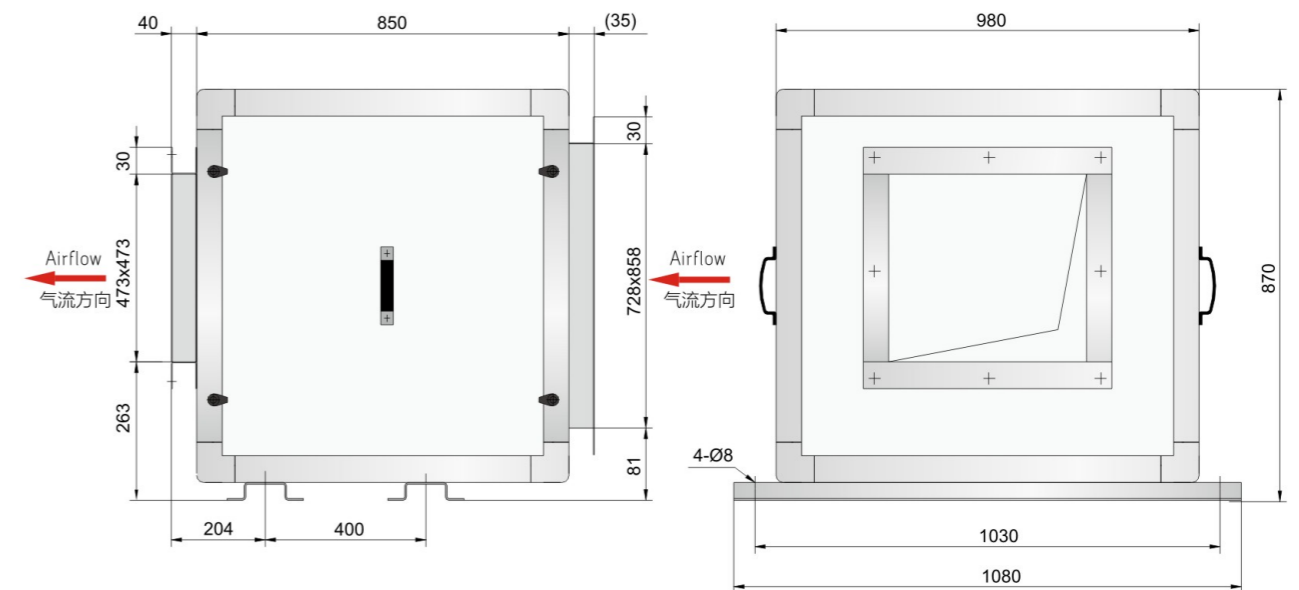
BKB/BKBS 450 | 3KW-6P



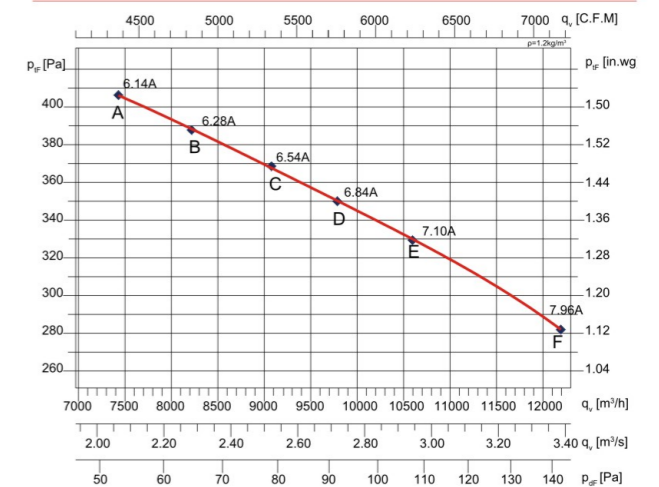
Type: BKB/BKBS 450	m: 86.8 kg	P_N : 3kW-6P						
	U: 380 v	f_1 : 50HZ						
	I_N : 7.5 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wa} dB (A)
A	68.6	69.2	76.6	74.2	72.2	70.7	63.7	80.7
B	67.5	69.7	78.0	76.0	74.4	71.3	64.4	82.0
C	61.1	69.8	78.6	77.3	75.4	72.4	65.5	82.9
D	66.0	70.2	80.5	78.2	75.8	73.7	66.6	84.1
E	66.3	71.0	81.6	79.8	77.9	74.7	67.9	85.5
F	67.4	72.3	81.9	81.7	79.6	75.6	69.2	86.6

BKBS外形及安装尺寸

BKBS Overall Size



BKB/BKBS 450 | 3KW-8P



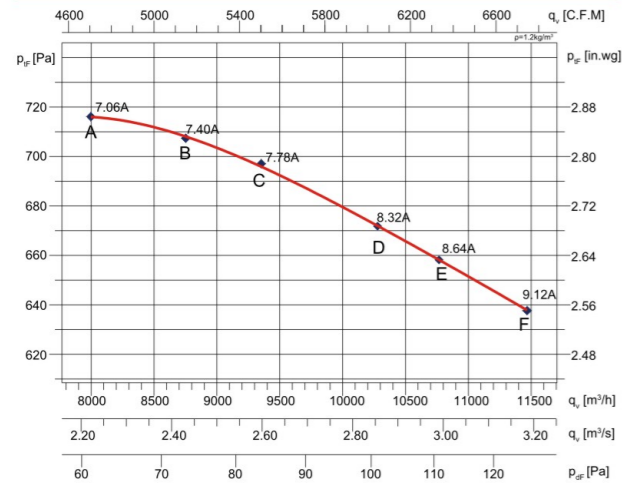
Type: BKB/BKBS 450	m: 96 kg	P_N : 3kW-8P						
	U: 380 v	f_1 : 50HZ						
	I_N : 8.36 A	IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wa} dB (A)
A	66.5	70.6	77.8	76.2	74.2	71.3	62.0	82.0
B	67.6	72.2	79.8	78.2	76.3	73.0	63.9	84.0
C	68.7	73.3	80.9	80.5	78.7	75.4	66.4	85.8
D	69.5	74.3	82.8	82.3	80.5	77.2	68.5	87.6
E	70.7	76.0	83.3	84.2	82.5	79.1	66.7	89.0
F	71.6	76.9	85.0	85.8	84.0	80.6	72.0	90.6



技术参数

Technical Data

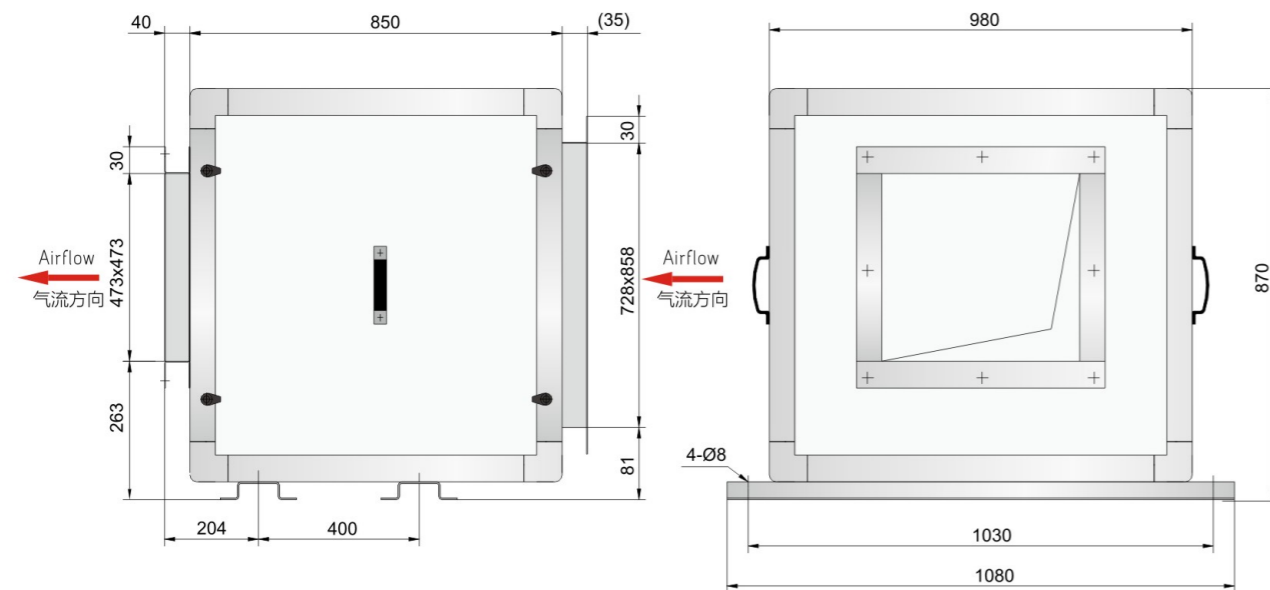
BKB/BKBS 450 | 4KW-6P



Type: BKB/BKBS 450	m: 96 kg U: 380 v I_N : 9.9 A	P_N : 4kW-6P f_1 : 50HZ IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wa} dB (A)
A	69.3	73.0	81.8	80.5	78.6	75.6	68.7	86.1
B	69.2	73.4	83.7	81.4	79.0	76.9	69.8	87.3
C	69.5	74.2	84.8	83.0	81.1	77.9	71.1	88.7
D	70.6	75.5	85.1	84.9	82.8	78.8	72.4	89.8
E	71.0	75.9	85.8	85.0	82.6	80.0	73.0	90.2
F	71.7	76.7	85.9	86.2	84.1	81.3	74.3	91.1

BKBS外形及安装尺寸

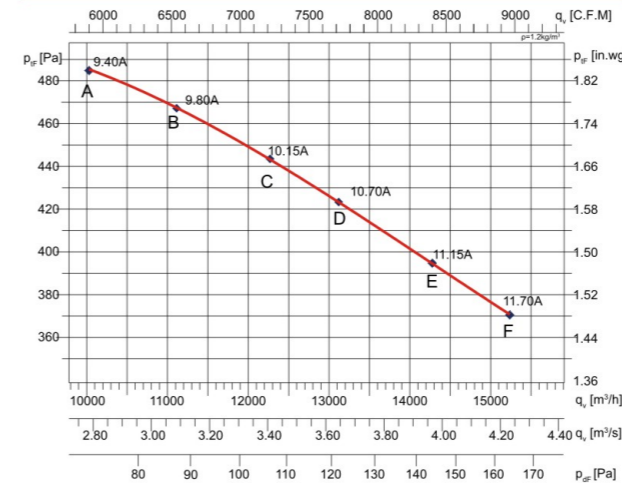
BKBS Overall Size



技术参数

Technical Data

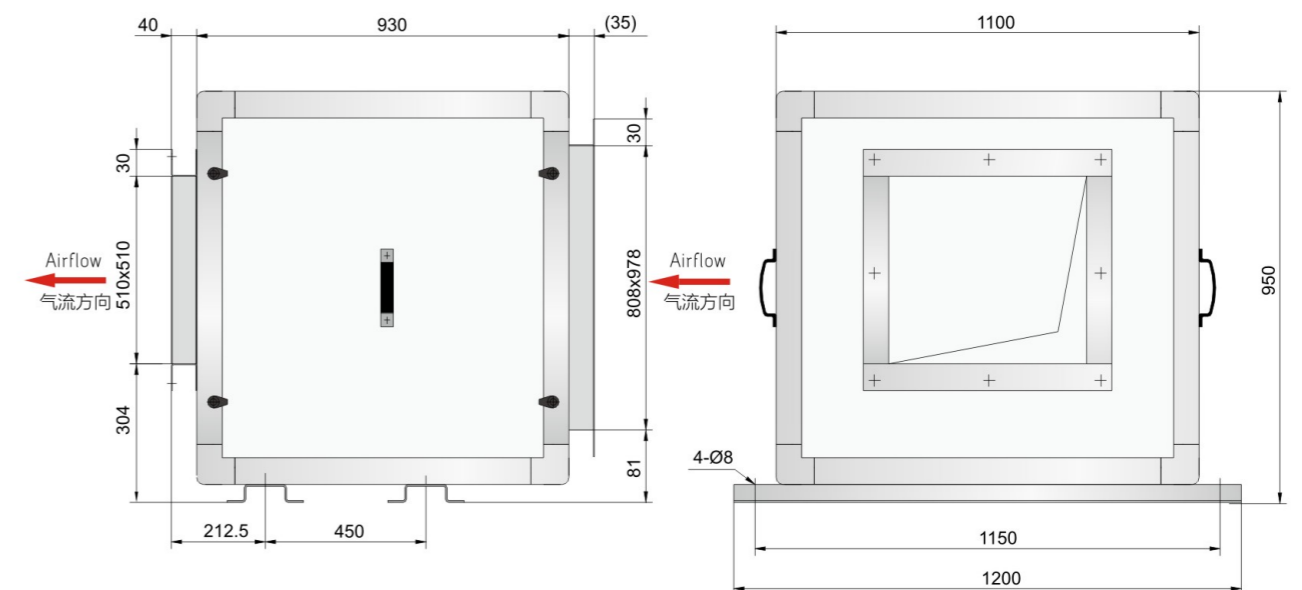
BKB/BKBS 500 | 5.5KW-8P



Type: BKB/BKBS 500	m: 132 kg U: 380 v I_N : 14 A	P_N : 5.5kW-8P f_1 : 50HZ IP: IP54						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L_{wa} dB (A)
A	73.2	71.5	74.1	77.1	75.5	70.1	63.8	82.1
B	72.7	71.4	74.1	77.3	75.9	70.5	65.2	82.2
C	72.5	72.1	74.8	78.5	77.1	71.7	66.2	83.2
D	72.7	72.0	75.8	79.6	78.5	73.3	67.2	84.2
E	73.6	73.2	76.9	81.2	80.0	74.9	68.5	85.6
F	74.8	74.4	78.4	82.5	81.9	76.9	70.6	87.2

BKBS外形及安装尺寸

BKBS Overall Size

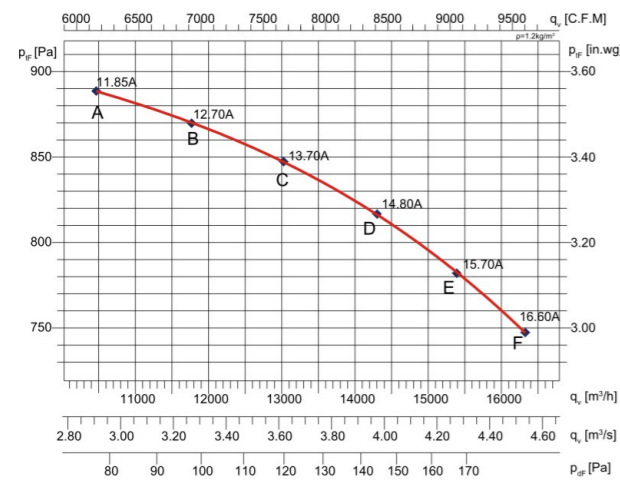




技术参数

Technical Data

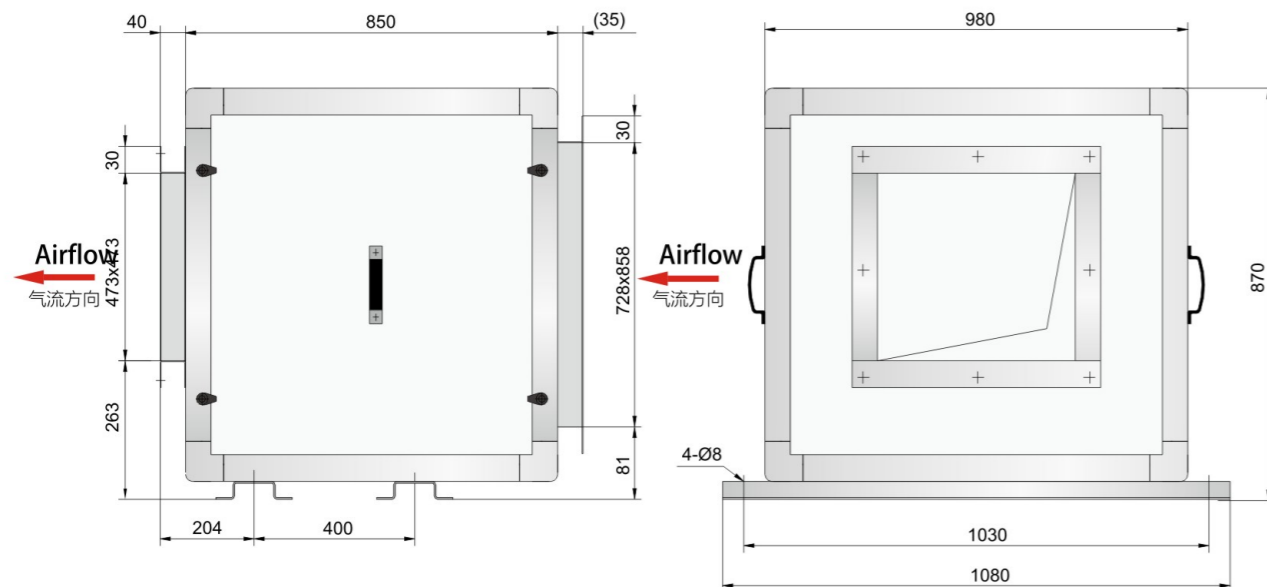
BKB/BKBS 500 | 7.5 KW-6P



Type: BKB/BKBS 500		m: 135 kg		P _N : 7.5kW-6P				
		U: 380 v		f _i : 50Hz				
		I _N : 17.7 A		IP: IP54				
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	76.2	76.2	81.9	80.6	77.8	75.7	70.1	86.6
B	78.2	76.3	83.0	81.2	78.5	76.4	71.0	87.6
C	76.7	76.5	84.3	82.2	79.3	77.0	71.8	88.3
D	76.6	77.0	85.9	83.6	80.5	78.0	72.3	89.6
E	75.9	78.7	87.3	86.6	83.3	80.6	74.0	91.6
F	76.3	79.8	88.8	88.1	84.9	82.3	75.4	93.2

BKBS外形及安装尺寸

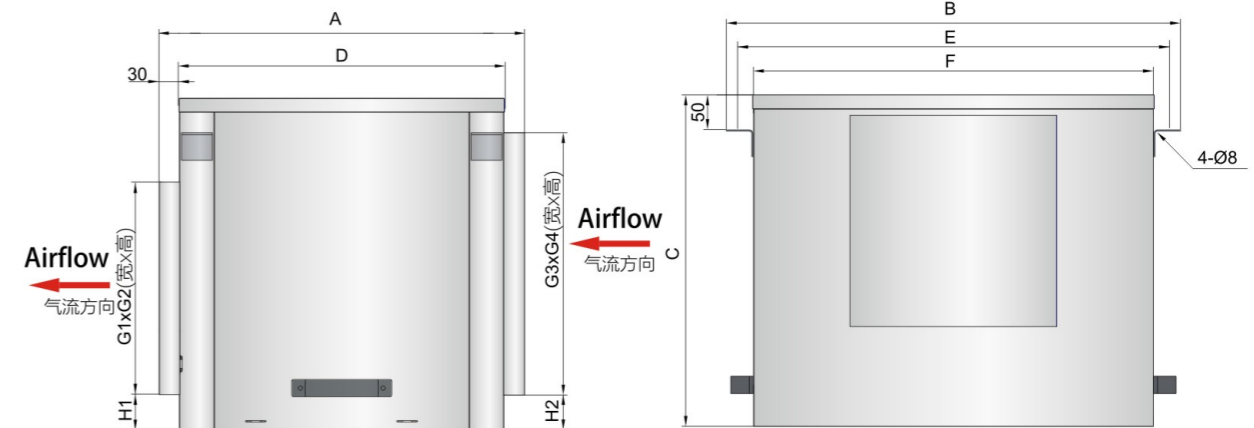
BKBS Overall Size



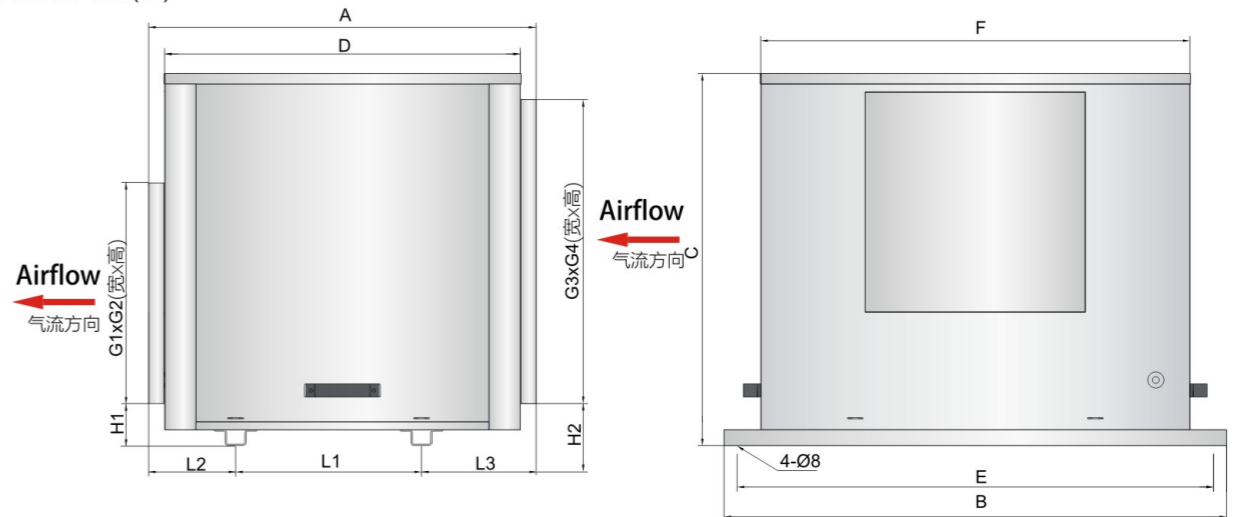
BKB系列管道风机外形尺寸图

BKB Series Fan Overall Dimension

BKB200-315(0°)



BKB355-500(0°)

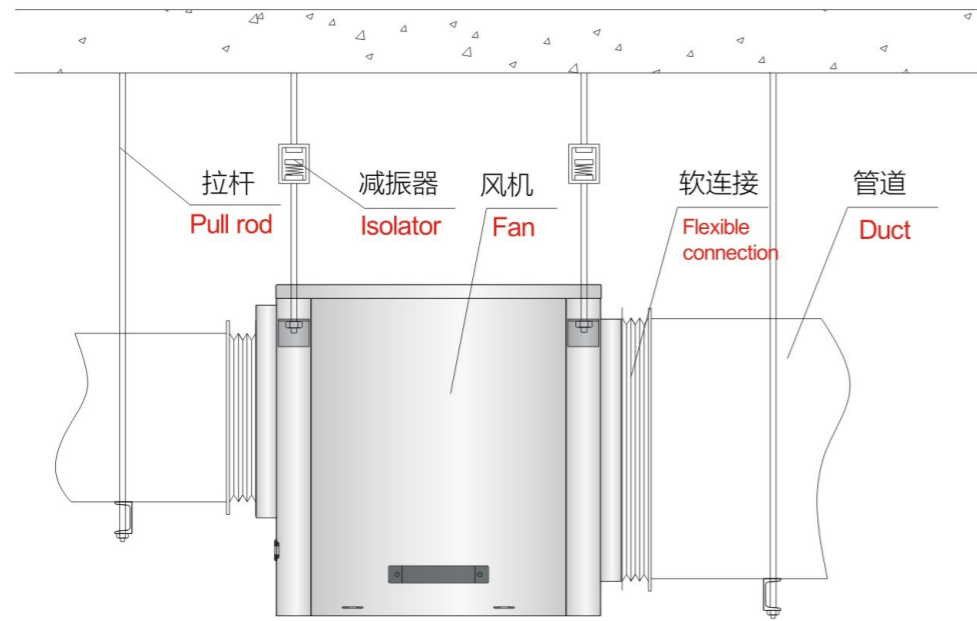


型号	尺寸 (mm)								L1	L2	L3	H1	H2	G1	G2	G3	G4
	A	B	C	D	E	F											
BKB 200	440	493	360	360	462	430	-	-	-	37	47	227	221	340	270		
BKB 225	480	553	400	400	522	490	-	-	-	38	45	260	248	400	310		
BKB 250	520	613	450	440	582	550	-	-	-	34	45	283	275	460	360		
BKB 280	550	663	480	470	620	580	-	-	-	34	50	302	307	480	380		
BKB 315	640	783	540	560	740	700	-	-	-	36	50	340	340	560	440		
BKB 355	700	930	640	620	830	730	315	156	209	33	80	377	377	630	510		
BKB 400	760	1020	710	680	920	820	355	166	219	64	80	421	421	720	580		
BKB 450	830	1120	780	750	1020	920	400	178	232	65	85	471	471	800	630		
BKB 500	910	1200	860	830	1100	1000	450	186.5	253.5	64	85	508	508	880	710		



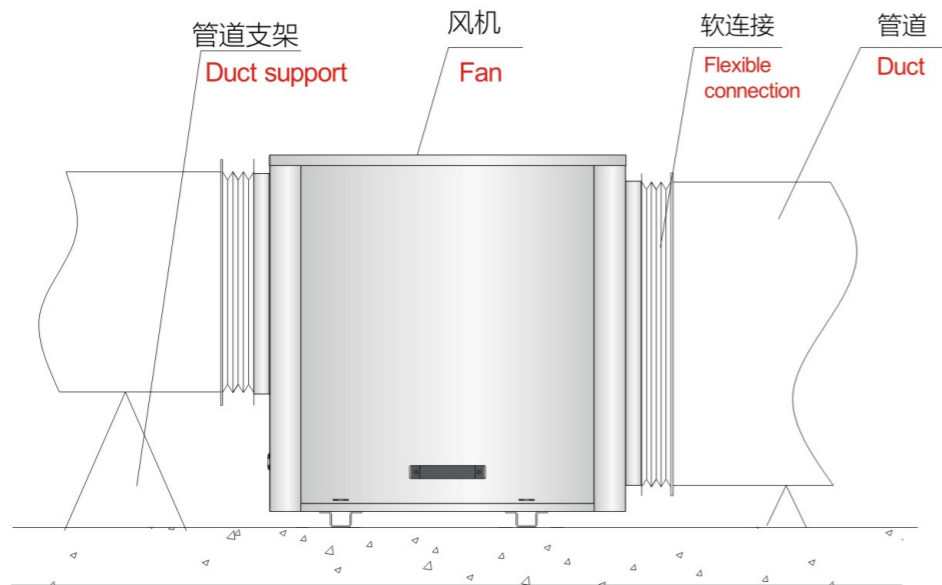
BKB系列管道风机吊装示意图

BKB Ceiling Installation Schematic Diagram



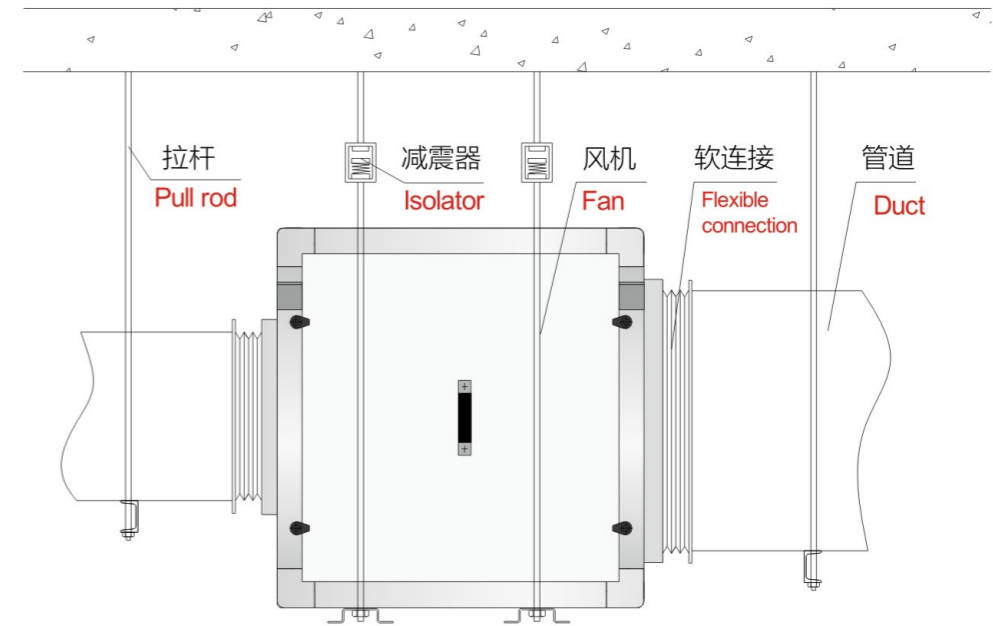
BKB系列管道风机地装示意图

BKB Floor Installation Schematic Diagram



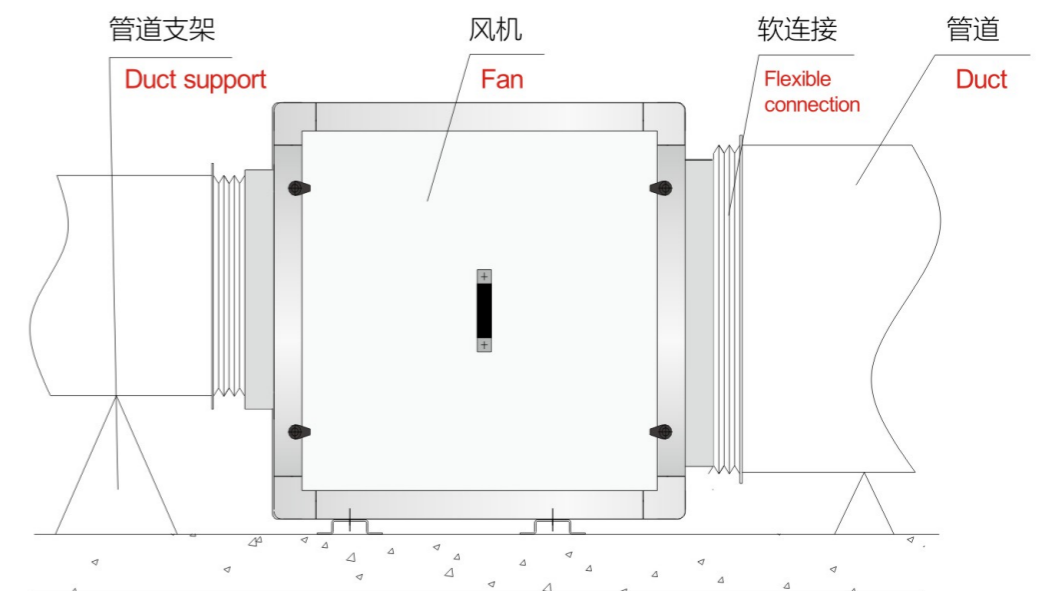
BKBS系列管道风机吊装示意图

BKBS Ceiling Installation Schematic Diagram



BKBS系列管道风机地装示意图

BKBS Floor installation Schematic Diagram



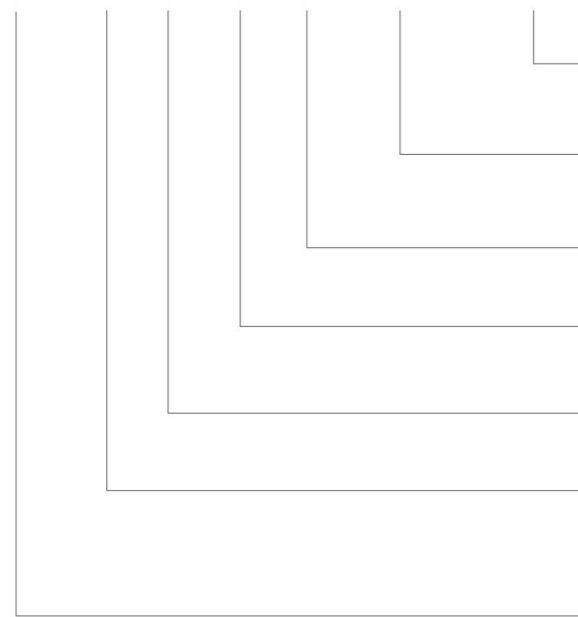


概述

BKZE 系列管道风机内置双进风前向多翼离心风机，配用单相 220V/50HZ 三速电机。该样本中列出的 8 种规格风机，风量范围从 500m³/h~5000m³/h，全压范围 100Pa~300Pa。客户可根据现场对噪音要求不同，可选用 BKZES 消音型管道风机来满足低噪音的要求。该系列管道风机的电机具有调速灵活、安装方便等特点。

命名方式

BKZE S 7 - 7 I (90W - 6)



产品结构

BKZE/BKZES 系列风机主要由机壳部、风机部、电机、出口法兰和电器元件五部分组成。

1. 机壳部

BKZE 系列风机的机壳以镀锌钢板制成方形管道形式，在管道的进风端和出风端都有 20mm 的标准法兰。
BKZES 系列风机采用铝合金榫卯结构设计，配以三层优质消音棉板，有效降噪隔音在 15dB 左右。

2. 叶轮

前向多翼叶轮采用优质热镀锌钢板制成，叶片设计成符合空气动力学的特定形状，使得效率最高，噪声最低。内控叶轮平衡和整机动平衡等级高达 G2.5 (AMCA204-05)，有效减少噪音和振动。

Summary

The BKZE series duct fan is built-in double inlet forward curve centrifugal fans. The fan is driven by Three-speed motor single phase 220V/50HZ. The BKZE Series includes 8 models as described in this catalogue. The air volume and total pressure are from 1000m³/h to 5000m³/h and 100Pa to 300Pa. Customers can request a different site on the noise, can be used with BKZES-type silencer box to meet the requirements of low noise. The series of flexible duct fan with speed control, and convenient installation.

Nomenclature

电机极数	Motor Poles
电机功率 (kW)	Motor Power (kW)
改型标记 (I II III)	Mark of Revision
叶轮宽度 (inch)	Width of Impeller (inch)
叶轮直径 (inch)	Diameter of Impeller (inch)
S = 消音箱	Sound Attenuation
空白 = 单板材	Blank Means Single Skin
管道风机	Duct Fan

Product Features

BKZE/BKZES series fans consist of housing, impeller, baseplate (frame), motor, shaft sleeve and air outlet flange.

1. Housing

BKZE duct fan series is made of galvanized steel square pipe type, the pipe end and the air inlet side has a 20mm standard flange.
BKZES series fan aluminum tenon joint structure design, together with three high-quality silencer cotton board, effective at 15dB acoustic noise around.

2. Impeller

Forward curved impellers are made of galvanized steel sheet. The impeller is constructed with maximum strength that endures the continuous operation with maximum power. All winds are balanced to G2.5 in according to the ANSI/AMCA 204-05 standard.



3. 电机

BKZE 系列风机配用单相 220V/50HZ 三速电机，该电机具有调速灵活、安装方便等特点。

4. 出口法兰

法兰采用热镀锌钢板折弯，TOX 或点焊连接固定；外观精美，并具有足够的刚度与强度。BKZES 系列风机通过软连接连接风机出风口和法兰。BKZE 系列风机通过镀锌板硬连接连接风机出风口和法兰。

5. 电气元件

BKZE/BKZES 系列管道风机配有防护等级为 IP54 的外置接线盒相连。

声级

性能曲线中所示的噪声是管道系统出口处的声功率级 L_{WA} ，是一个“A”分贝值。

进口处的 A 声功率级 L_{WA} 根据 GB/T 2888-2008 第 38 节规定的方法测定，可通过相对声功率级计算或近似采用下列公式：

$$L_{WA} \approx L_{WA0} - 6 \text{ dB}$$

机壳声功率级 L_{WA2} 根据 GB/T 2888-2008 规定的方法测定，可通过相对声功率级计算或近似采用下列公式：

$$L_{WA2} \approx L_{WA0} - 17 \text{ dB} \text{ 适用BKZE 系列风机}$$

$$L_{WA2} \approx L_{WA0} - 25 \text{ dB} \text{ 适用BKZES 系列风机}$$

L_{PA} 是距离声源 1 米处 A 声压级，可从声功率级中减去 7dB 近似计算得到：

$$L_{PA(1m)} \approx L_{WA2} - 7 \text{ dB}$$

但是，A 声压级会随反射，测试室的特性及固有频率的变化而变化。为了避免刚性传导对管道系统的影响，推荐使用软连接。

说明

- 1) 风机配用电动机功率是指在特定工况下，轴功率加上电机容量安全系数而言，并非出风口全开时所需的功率，因此为防止电机因超功率运转而烧毁，严禁风机未加任何外界阻力进行空运转。
- 2) 样本中的风机性能是选用电机额定转速测试的结果，我们亦可通过改变电机的转速达到用户实际的需求。
- 3) 风机在运输、装卸过程中应小心轻放，严禁撞击挤压，严禁堆放于潮湿或有腐蚀性的场合。
- 4) 风机安装前应用手拨动叶轮，检查是否有过紧或碰撞现象，确认没有这些现象时方可进行试运转。
- 5) 风管与风机进风口、出风口之间连接时应尽量采用软连接，接头不得拉得过紧。
- 6) 风机安装后应检查机壳和其他壳体内部，不应有掉入遗留的工具和杂物。
- 7) 风机正式运转前，需检查叶轮的转向是否符合侧板上的转向标记。

3. Motor

YGZE series fans are equipped with single-phase 220V/50HZ three speeds motors, which are flexible to change speed and easy to install.

4. Flange

The inlet outlet flanges are made of galvanized steel sheet. and using TOX or spot-welding process. This give the good appearance, of flanges and also make the flanges more strength and rigidity.

BKZES have a flexible connections between fan outlet and flange.

BKZE is a hard connection through the fan outlet and flange.

5. Electrical Connection

BKZE/BKZES series fan motor with a cable, and protection to IP54 junction box connected to an external, removable terminal block.

Noise Levels

The figures quoted in the performance curves are the "A" decibel figures which are the sound power levels L_{WA} at the outlet side in duct systems.

The "A" sound power level at the inlet side L_{WA} , according to GB/T 2888-2008 part 38, can be calculated via the relative sound power levels or is obtained approximately as follows:

$$L_{WA} \approx L_{WA0} - 6 \text{ dB}$$

The "A" sound power level L_{WA2} , from the casing according to GB/T 2888-2008 can be calculated via the relative sound power levels or is obtained approximately as follows:

$$L_{WA2} \approx L_{WA0} - 17 \text{ dB, for BKZE}$$

$$L_{WA2} \approx L_{WA0} - 25 \text{ dB, for BKZES}$$

The "A" sound pressure level L_{PA} at a distance of 1 meter is obtained approximately by deducting 7 dB(A) from the "A" sound power level:

$$L_{PA(1m)} \approx L_{WA2} - 7 \text{ dB}$$

Note that the reflection, room characteristic and natural frequencies will influence the sound pressure level.

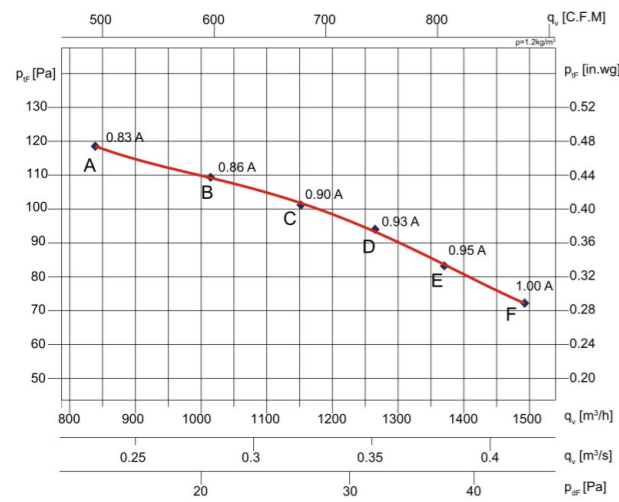
To avoid rigid conduction transfer to the duct system, we recommend to use the flexible duct connection.

Instructions

- 1) The motor power is calculated from the Bhp plus the safety factor, so to avoid the motor burn and damage, the fan shall not operate at type A condition. (i.e. free inlet, free outlet)
- 2) The fan performance in the catalog is tested under the rated motor speed, we can meet the actual requirement of the user by changing the motor speed.
- 3) During transportation, loading and unloading, all fans shall be handled carefully to avoid damaging. the fans shall store in a dry, clean and non-toxics area.
- 4) Before commissioning and operating, the impeller should be turned by hand to ensure that it turns freely without colliding with other parts of the fan.
- 5) When the duct is connecting to the inlet and the outlet of the fan, a flexible connector shall be used in between.
- 6) Check and clean the housing of the fan, to ensure than there is no sundry inside the housing.
- 7) Before operating, check the rotational direction of the, to ensure than the rotation direction is same as the label shown on the fan.

技术参数

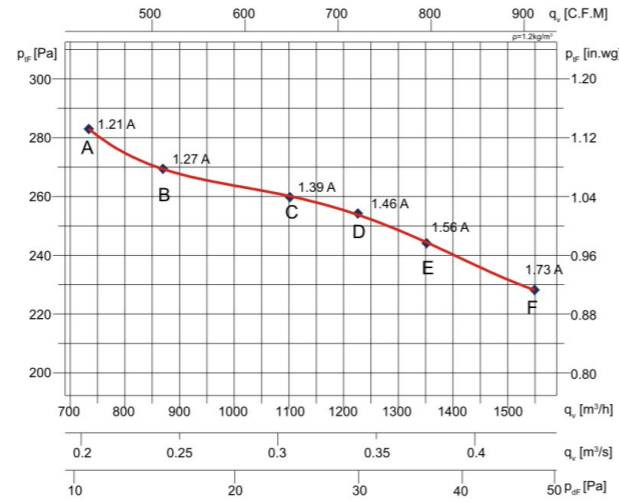
BKZE/BKZES 7-7 | 90W-6



Type: BKZE/BKZES 7-7I	m: 8.85 kg		P _N : 90W-6P					
	U: 220 v		f _i : 50HZ					
	I _N : 1.1 A		IP: IP20					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	48.1	54.3	55.3	59.1	56.0	53.5	46.7	63.4
B	48.2	54.9	57.5	61.4	58.2	56.9	48.7	65.5
C	49.6	56.1	59.5	63.3	59.8	59.2	50.6	67.3
D	51.0	57.4	60.7	65.0	61.3	61.6	53.2	69.1
E	52.5	58.7	62.4	66.5	62.7	63.2	55.1	70.6
F	53.0	61.3	63.7	67.6	64.3	65.2	62.3	72.4

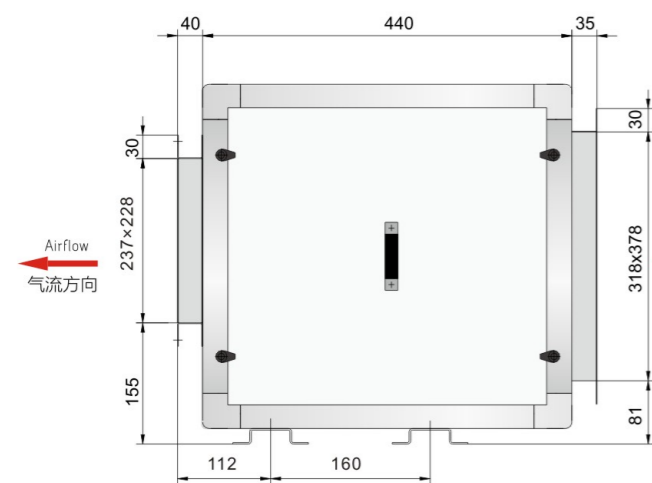
Technical Data

BKZE/BKZES 7-7 | 200W-4

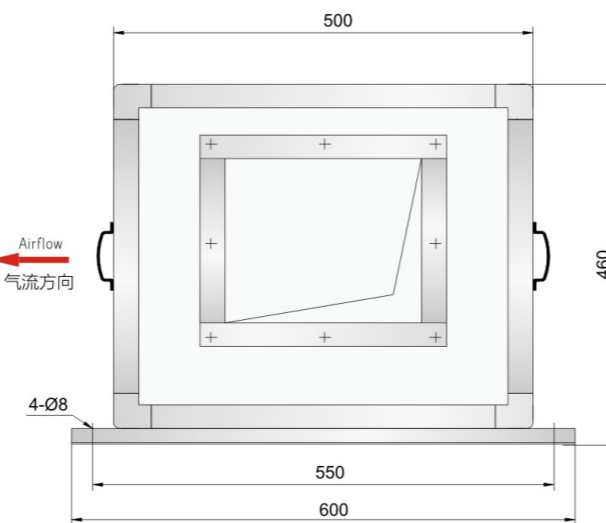


Type: BKZE/BKZES 7-7I	m: 9.4 kg		P _N : 200W-4P					
	U: 220 v		f _i : 50HZ					
	I _N : 1.8 A		IP: IP20					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	58.2	64.6	62.7	66.4	63.1	62.0	53.3	71.4
B	56.9	63.9	62.3	66.6	63.5	62.7	54.4	71.3
C	55.4	63.6	62.8	67.8	64.8	64.3	56.6	72.2
D	55.2	64.6	63.3	68.3	65.5	65.5	58.0	73.0
E	55.1	65.1	64.0	69.9	66.5	66.8	59.6	74.2
F	55.3	65.2	65.3	71.0	68.1	68.6	61.8	75.4

BKZES外形及安装尺寸

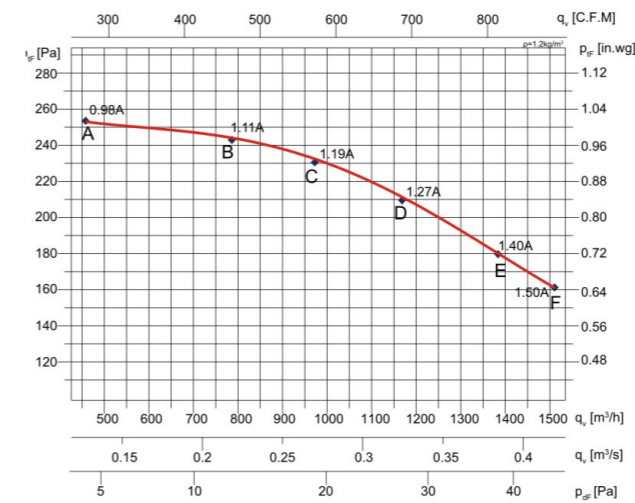


BKZES Overall Size



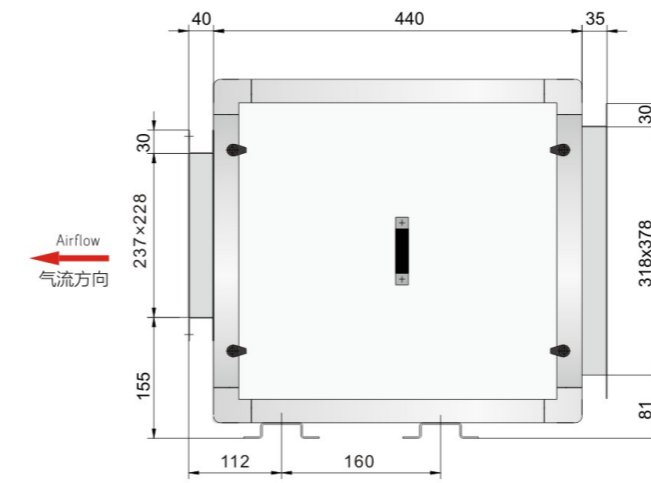
技术参数

BKZE/BKZES 7-7 | 150W-4

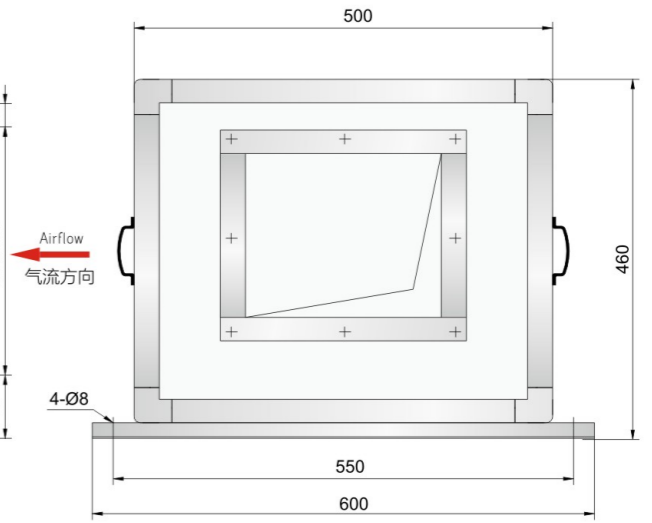


Type: BKZE/BKZES 7-7I	m: 9.1 kg		P _N : 150W-4P					
	U: 220 v		f _i : 50HZ					
	I _N : 1.6 A		IP: IP20					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	56.3	63.7	62.5	65.7	62.4	61.3	59.9	70.9
B	55.4	63.3	61.8	65.8	63.1	62.4	60.2	71.0
C	54.6	62.8	62.1	66.7	64.8	64.2	60.8	71.9
D	54.9	63.6	63.3	67.4	64.9	65.0	61.5	72.5
E	54.8	63.7	64.3	68.4	65.9	66.3	61.8	73.4
F	55.7	64.5	65.6	69.8	67.0	67.5	62.6	74.6

BKZES外形及安装尺寸



BKZES Overall Size

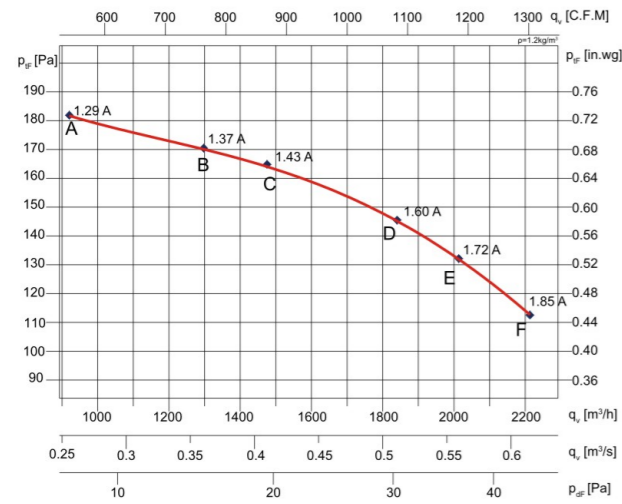




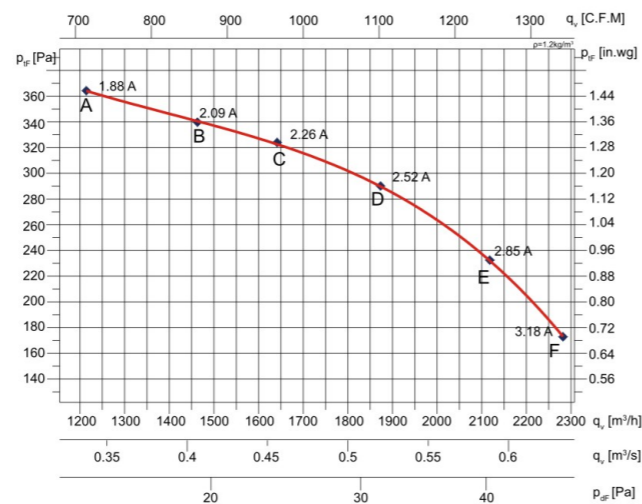
技术参数

Technical Data

BKZE/BKZES 8-8 | 200W-6



BKZE/BKZES 8-8 | 300W-4

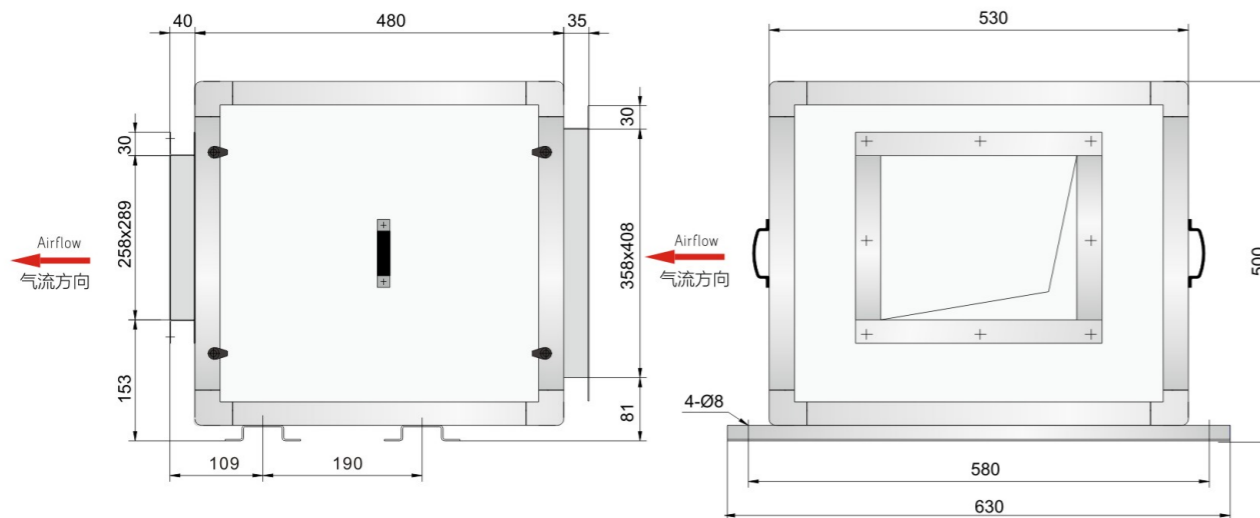


Type:	m: 14.05 kg	P _N : 200W-6P						
BKZE/BKZES 8-8I	U: 220 v	f ₁ : 50HZ						
	I _N : 2.0 A	IP: IP20						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	55.7	64.2	61.3	68.5	61.4	57.6	57.1	71.4
B	55.5	64.1	62.2	68.2	64.1	61.4	57.7	72.0
C	56.5	64.5	64.4	68.4	65.1	63.0	58.5	72.8
D	58.0	65.2	64.5	67.8	67.2	67.0	60.9	73.8
E	58.7	66.1	64.6	67.9	68.5	68.8	62.1	74.8
F	58.5	66.1	66.2	69.5	69.9	70.7	63.5	76.2

Type:	m: 13.35 kg	P _N : 300W-4P						
BKZE/BKZES 8-8I	U: 220 v	f ₁ : 50HZ						
	I _N : 3.7 A	IP: IP20						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	62.6	69.7	66.1	67.9	67.1	66.9	61.5	75.2
B	62.0	67.7	65.4	68.5	67.7	67.8	62.0	75.0
C	60.6	68.4	65.3	68.9	68.3	68.5	62.4	75.4
D	60.9	69.0	64.8	69.6	69.1	69.5	63.4	76.1
E	61.8	68.4	65.8	70.8	70.1	70.8	64.2	76.9
F	61.1	67.9	66.2	71.1	70.5	71.4	64.5	77.2

BKZES外形及安装尺寸

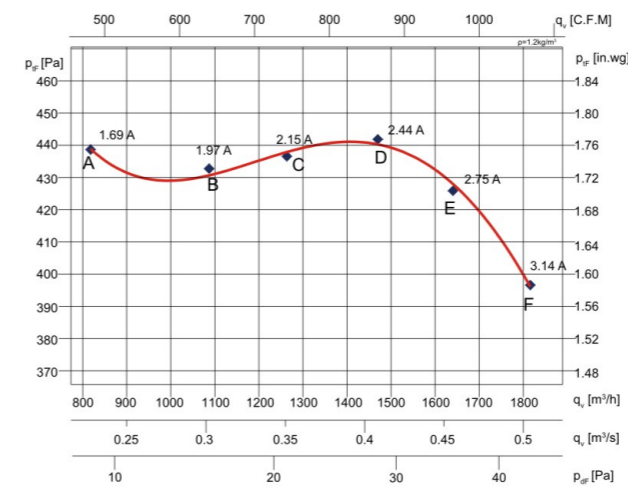
BKZES Overall Size



技术参数

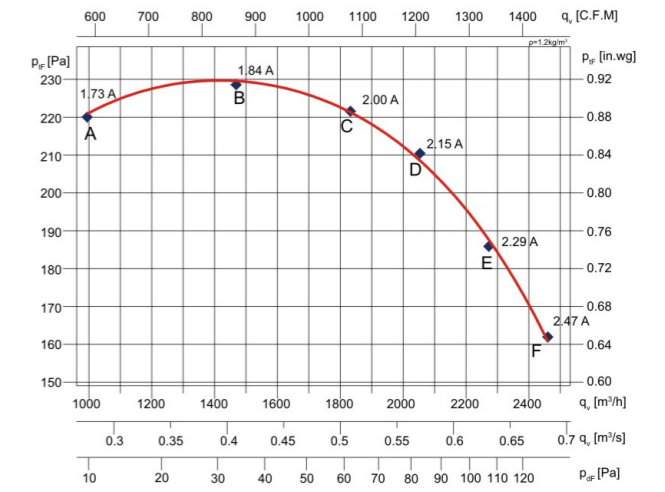
Technical Data

BKZE/BKZES 9-7 | 375W-4



Type:	m: 14.85 kg	P _N : 375W-4P						
BKZE/BKZES 9-7I	U: 220 v	f ₁ : 50HZ						
	I _N : 4.2 A	IP: IP20						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	63.0	68.9	67.0	67.7	65.8	64.4	56.6	74.4
B	61.9	68.4	67.5	68.5	66.4	65.9	58.5	74.8
C	60.6	67.3	66.5	69.2	66.6	66.4	59.4	74.6
D	58.2	66.1	67.1	69.4	67.2	67.5	60.6	74.9
E	56.0	64.6	66.3	70.0	67.7	68.4	61.4	75.0
F	55.8	64.5	66.4	70.8	68.5	69.4	62.6	75.7

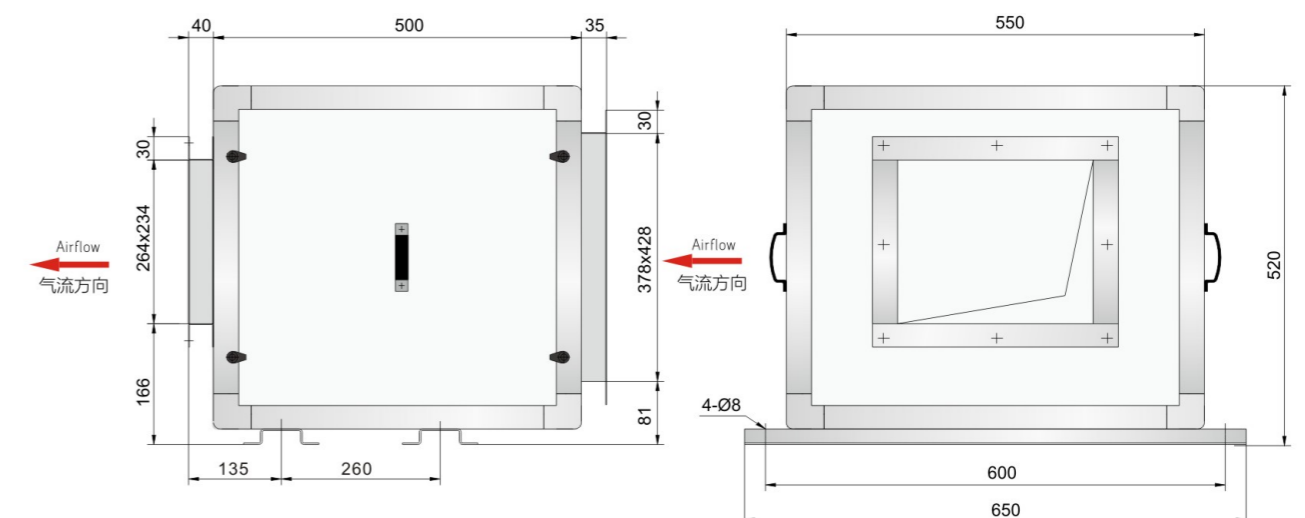
BKZE/BKZES 9-7 | 375W-6



Type:	m: 15.7 kg	P _N : 375W-6P						
BKZE/BKZES 9-7I	U: 220 v	f ₁ : 50HZ						
	I _N : 3.5 A	IP: IP20						
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	55.0	63.4	59.3	61.7	60.1	57.8	48.7	68.2
B	53.0	60.1	61.4	64.5	62.9	62.7	53.7	69.8
C	53.2	61.2	64.0	67.6	65.9	66.9	59.2	72.9
D	56.1	63.3	65.5	69.4	68.0	69.2	62.0	74.9
E	58.5	65.5	66.8	71.0	69.9	71.0	64.4	76.7
F	59.8	66.6	67.8	72.2	71.1	72.5	66.1	78.0

BKZES外形及安装尺寸

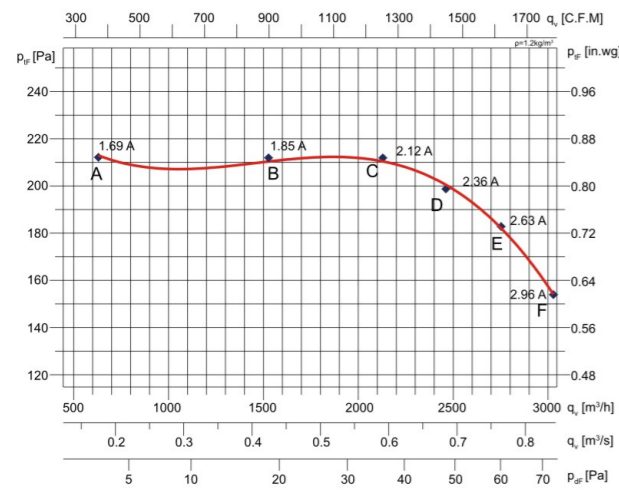
BKZES Overall Size





技术参数

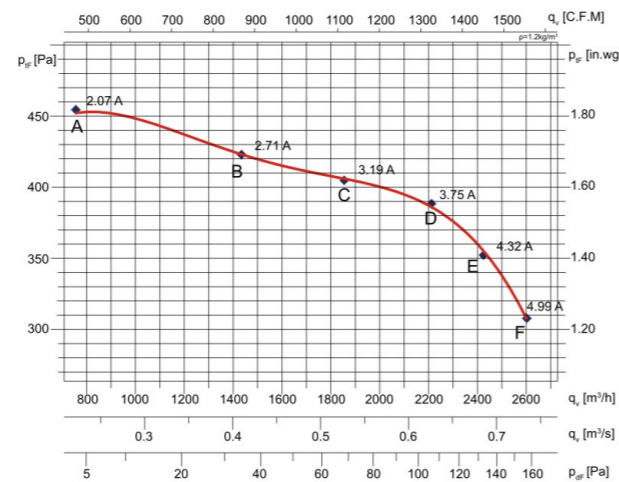
BKZE/BKZES 9-9 | 375W-6



Type:	m: 16.55 kg		P _N : 375W-6P					
BKZE/BKZES 9-9I	U: 220 v		f _i : 50HZ					
	I _N : 3.5 A		IP: IP20					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	56.9	67.5	61.7	64.4	60.9	59.8	48.9	71.0
B	54.1	68.5	59.9	65.7	64.5	61.1	49.8	72.1
C	55.7	64.3	63.6	67.3	65.5	65.6	55.9	72.6
D	59.7	64.1	65.7	69.4	67.9	68.2	59.8	74.7
E	59.4	65.3	67.1	71.0	70.0	70.5	62.8	76.6
F	60.3	66.4	68.6	72.5	72.0	72.5	65.0	78.3

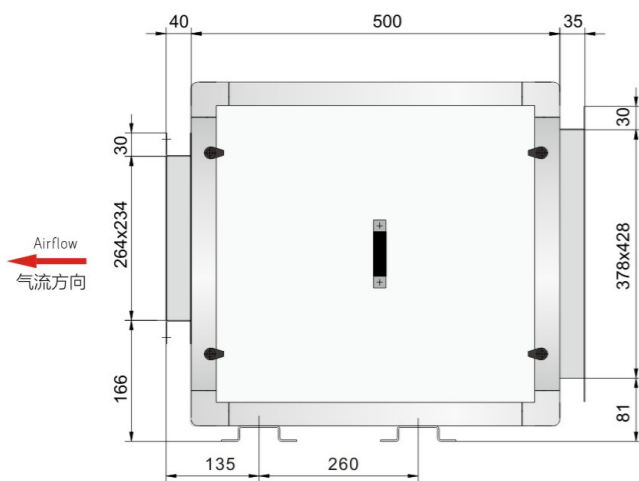
Technical Data

BKZE/BKZES 9-9 | 450W-4

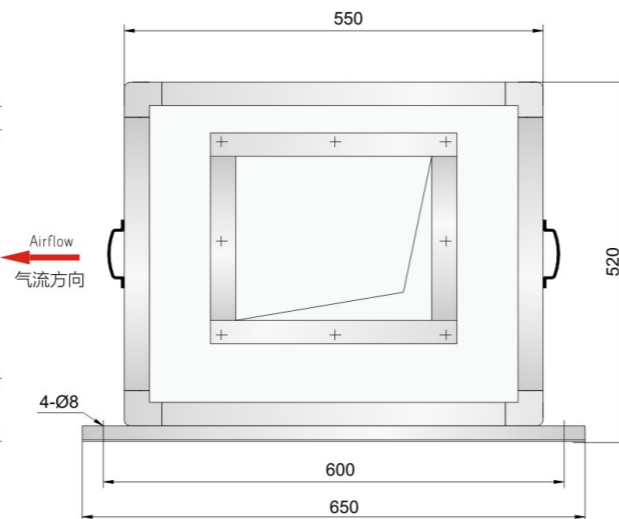


Type:	m: 16.75 kg		P _N : 450W-4P					
BKZE/BKZES 9-9I	U: 220 v		f _i : 50HZ					
	I _N : 5.0 A		IP: IP20					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	65.0	71.2	66.9	69.3	67.6	65.9	57.8	76.0
B	64.1	70.5	66.5	69.9	68.4	66.7	58.5	76.1
C	60.4	67.9	65.1	69.5	68.3	67.2	58.9	75.1
D	59.4	67.6	66.7	71.1	69.8	69.1	60.7	76.3
E	59.6	67.3	67.6	71.9	70.4	70.2	62.2	77.0
F	59.0	66.3	67.2	71.5	70.2	70.4	62.7	76.8

BKZES外形及安装尺寸

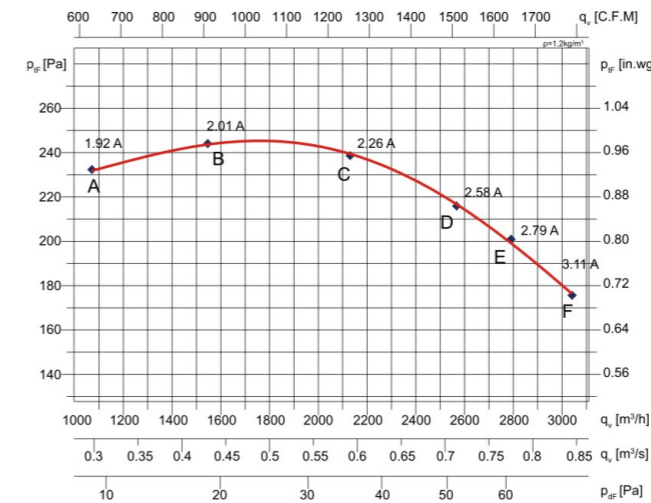


BKZES Overall Size



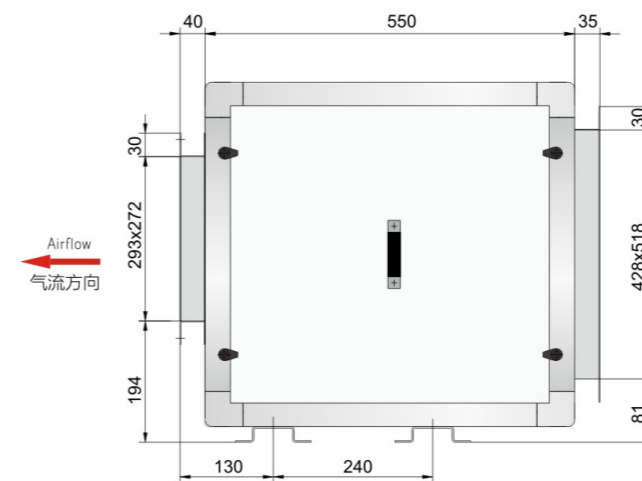
技术参数

BKZE/BKZES 10-8 | 375W-6

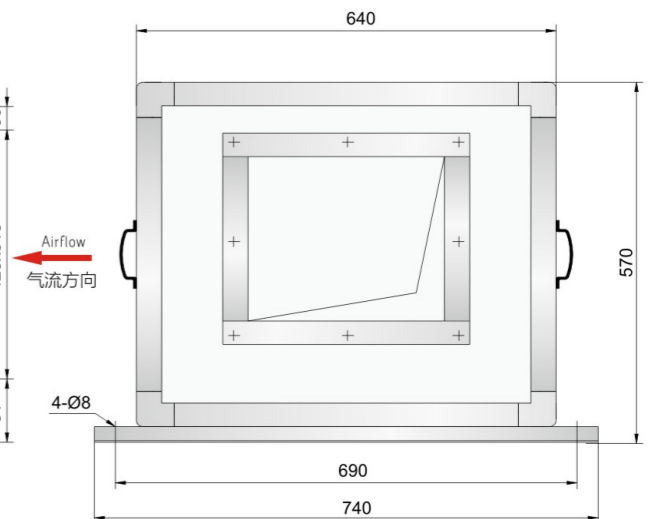


Type:	m: 17.1 kg		P _N : 375W-6P					
BKZE/BKZES 10-8I	U: 220 v		f _i : 50HZ					
	I _N : 3.5 A		IP: IP20					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	63.3	62.7	61.5	63.0	61.0	58.5	47.5	69.8
B	61.6	62.0	61.3	64.3	62.3	60.7	50.2	70.0
C	58.7	62.2	62.6	66.5	65.0	64.6	55.0	71.8
D	58.7	63.4	65.1	69.0	68.0	68.0	59.5	74.4
E	59.1	64.6	66.3	70.5	69.9	69.8	61.8	76.0
F	59.3	65.6	67.7	72.1	71.8	71.8	64.3	77.8

BKZES外形及安装尺寸

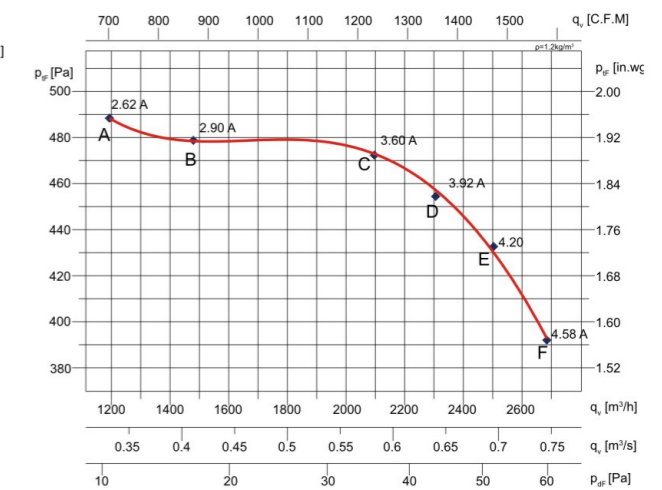


BKZES Overall Size



Technical Data

BKZE/BKZES 10-8 | 550W-4



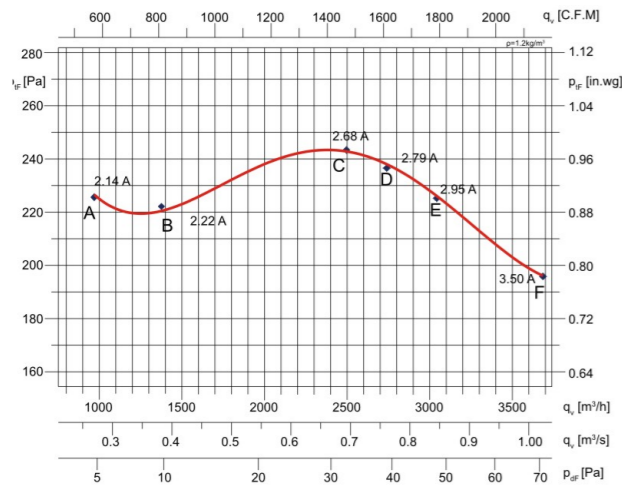
Type:	m: 17.65 kg		P _N : 550W-4P					
BKZE/BKZES 10-8I	U: 220 v		f _i : 50HZ					
	I _N : 4.9 A		IP: IP20					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	66.6	71.5	68.1	70.8	69.2	68.3	60.5	77.3
B	66.6	71.5	68.1	70.8	69.2	68.3	60.5	77.3
C	60.3	68.2	66.1	72.0	69.8	69.6	62.2	76.8
D	60.6	68.2	66.5	73.0	70.4	70.3	63.0	77.5
E	60.1	68.1	66.7	72.7	70.5	70.6	63.3	77.5
F	60.2	67.8	67.3	72.7	71.0	71.0	63.6	77.7



技术参数

Technical Data

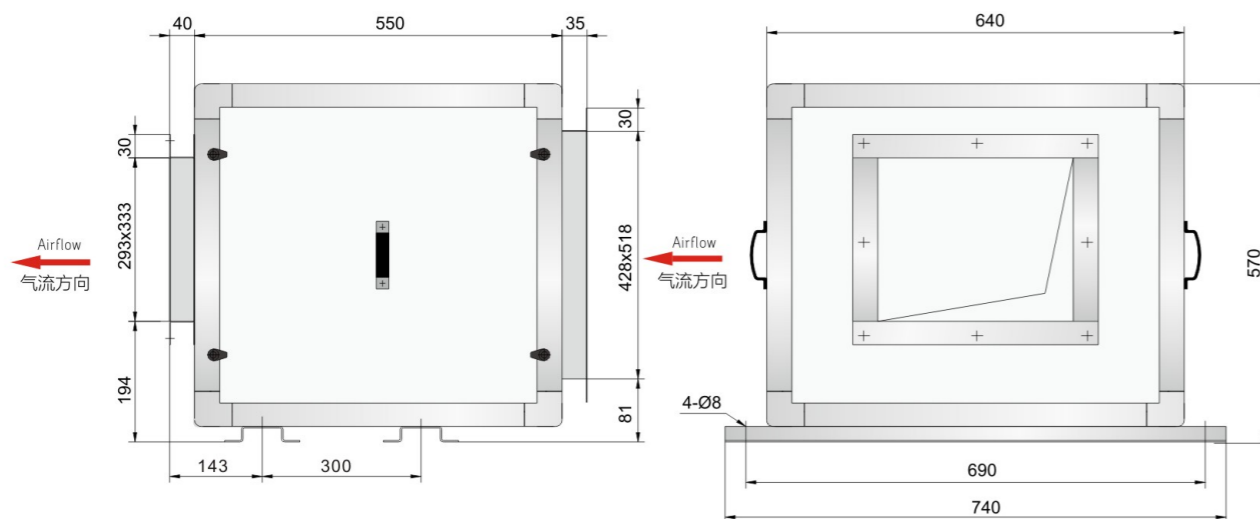
BKZE/BKZES 10-10 | 450W-6



Type:	m: 18.3 kg		P _N : 450W-6P					
BKZE/BKZES 10-10I	U: 220 v		f ₁ : 50HZ					
	I _N : 3.5 A		IP: IP20					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	60.7	70.6	62.1	62.4	60.5	57.9	48.7	72.5
B	60.8	68.1	61.8	63.6	62.1	59.7	50.7	71.5
C	58.7	63.2	62.6	66.6	65.9	64.4	57.2	72.1
D	59.1	64.0	62.2	66.2	65.3	63.6	56.4	71.8
E	59.9	65.2	65.2	69.5	69.0	67.7	61.6	75.0
F	63.0	68.3	68.9	73.7	72.9	71.5	65.7	78.9

BKZES外形及安装尺寸

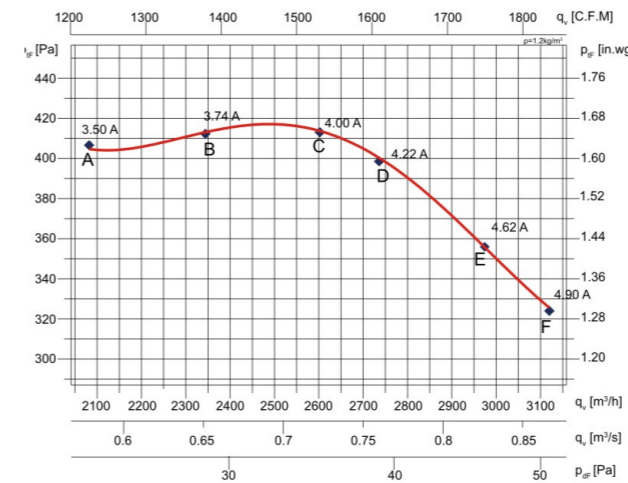
BKZES Overall Size



技术参数

Technical Data

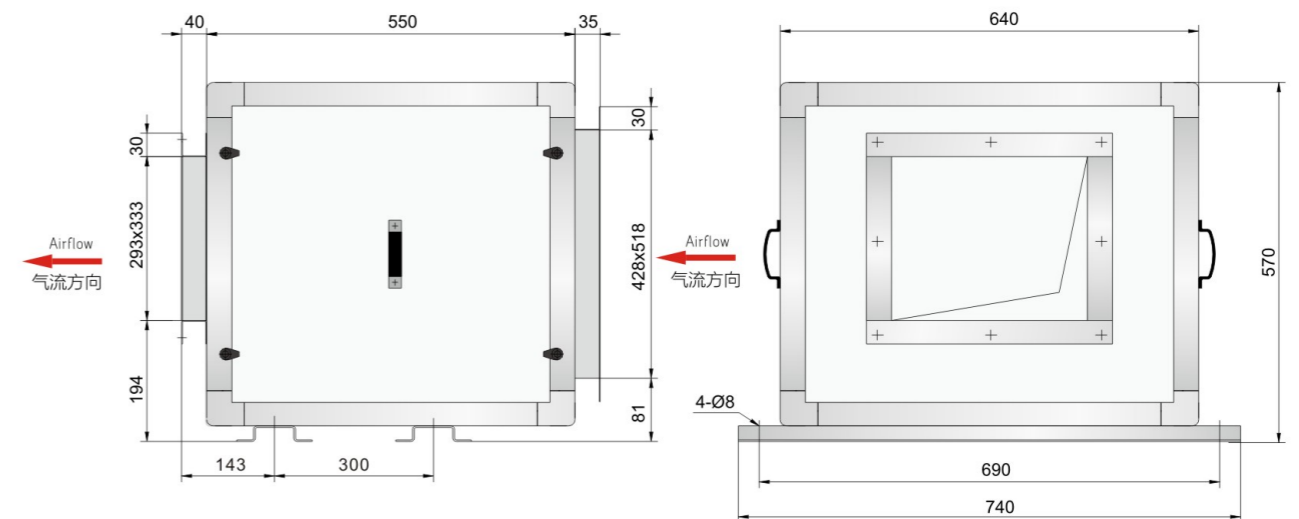
BKZE/BKZES 10-10 | 550W-4



Type:	m: 18.75 kg		P _N : 550W-4P					
BKZE/BKZES 10-10I	U: 220 v		f ₁ : 50HZ					
	I _N : 4.9 A		IP: IP20					
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	63.5	71.3	68.7	69.4	68.1	66.2	59.4	76.0
B	60.6	68.6	70.8	66.6	65.7	63.5	55.8	75.0
C	58.1	66.3	61.9	64.5	63.4	61.1	53.1	71.1
D	56.7	63.6	60.5	63.6	62.4	60.1	52.1	69.6
E	52.9	59.5	58.8	62.4	61.1	58.5	50.1	67.5
F	51.1	57.0	60.3	60.6	59.6	56.9	48.3	66.4

BKZES外形及安装尺寸

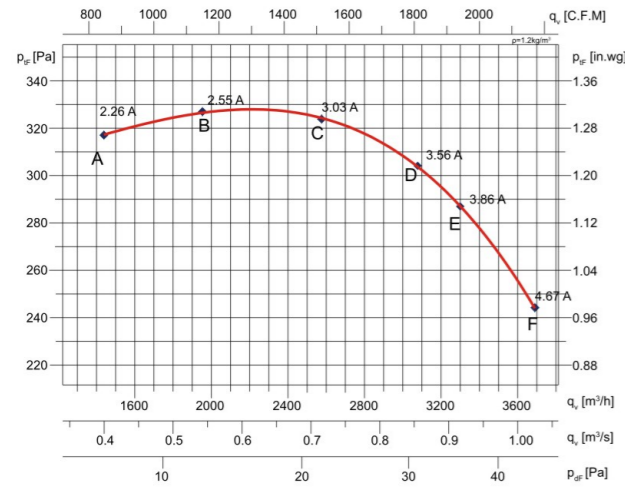
BKZES Overall Size





技术参数

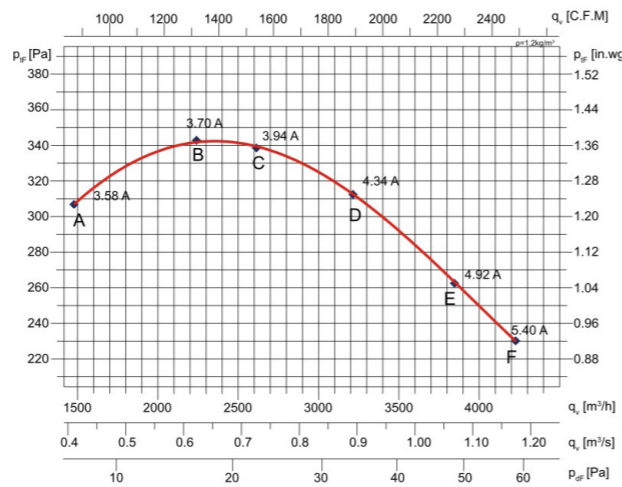
BKZE/BKZES 12-9 | 550W-6



Type: BKZE/BKZES 12-9I		m: 22.4 kg		P _N : 550W-6P				
		U: 220 v		f ₁ : 50HZ				
		I _N : 4.7 A		IP: IP20				
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	60.9	69.7	64.8	66.7	63.8	62.5	52.7	73.5
B	61.6	67.0	64.8	67.4	65.0	64.0	53.6	73.2
C	61.4	66.7	66.5	68.5	66.7	65.8	55.1	74.2
D	60.6	65.6	68.6	70.1	68.4	68.3	57.5	75.6
E	61.8	65.5	68.8	70.8	69.4	69.5	59.4	76.3
F	62.6	65.5	69.7	71.8	70.7	71.1	62.4	77.5

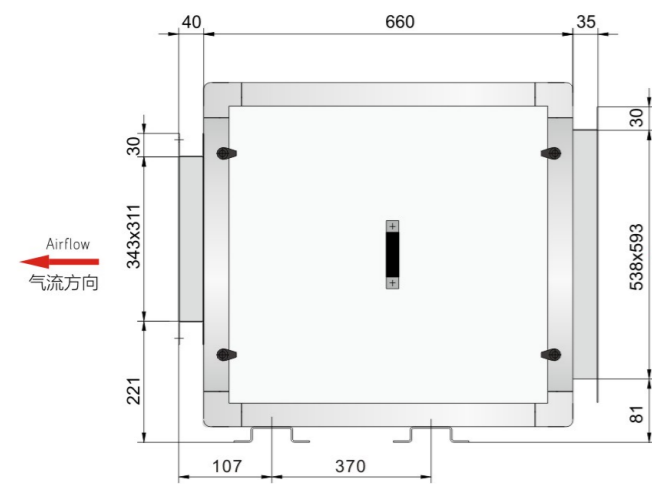
Technical Data

BKZE/BKZES 12-9 | 750W-6

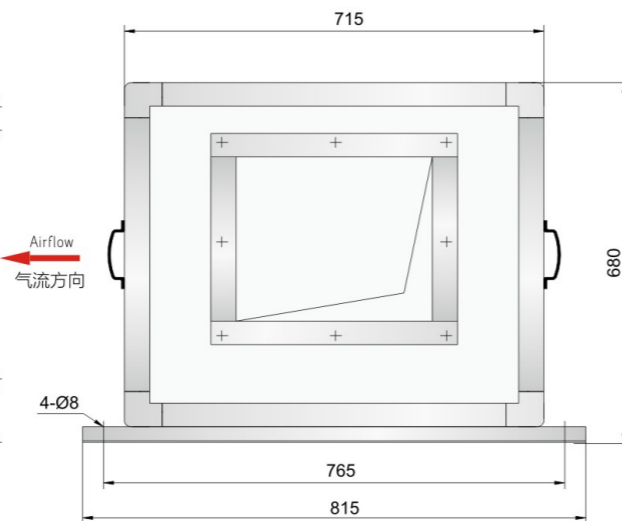


Type: BKZE/BKZES 12-9I		m: 22.8 kg		P _N : 750W-6P				
		U: 220 v		f ₁ : 50HZ				
		I _N : 5.4 A		IP: IP20				
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	61.9	66.3	65.4	67.4	63.9	62.4	52.7	72.8
B	62.2	66.2	65.7	68.1	65.3	64.3	55.1	73.5
C	62.3	67.0	66.6	68.9	66.3	65.6	56.8	74.4
D	65.8	68.1	69.3	71.5	68.8	68.4	60.3	76.8
E	63.8	71.7	71.9	75.0	72.3	71.7	63.8	79.9
F	62.4	70.0	72.1	76.2	73.5	73.2	65.4	80.7

BKZES外形及安装尺寸

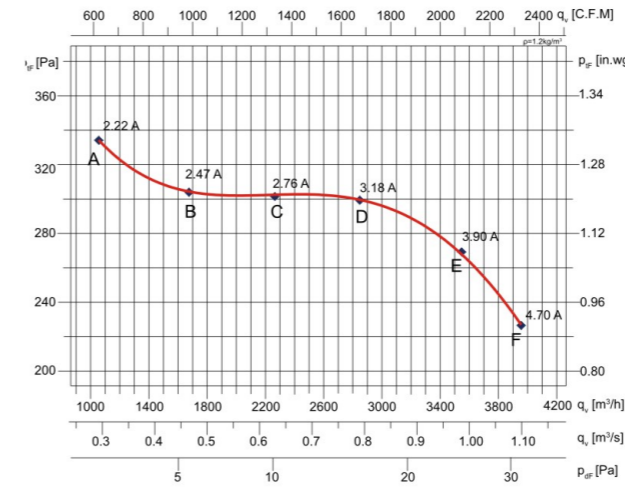


BKZES Overall Size



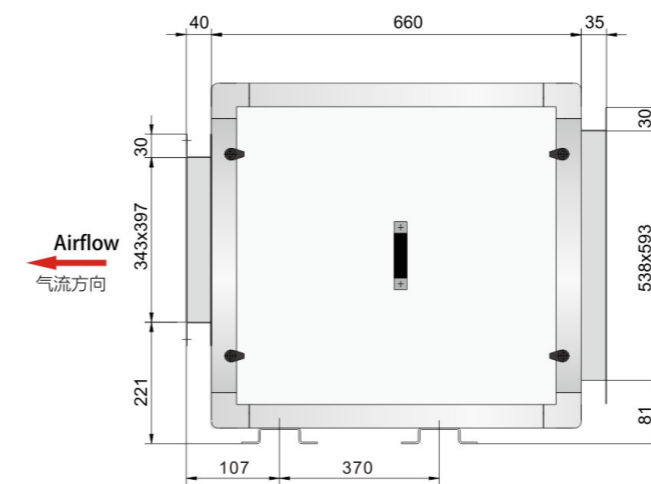
技术参数

BKZE/BKZES 12-12 | 550W-6

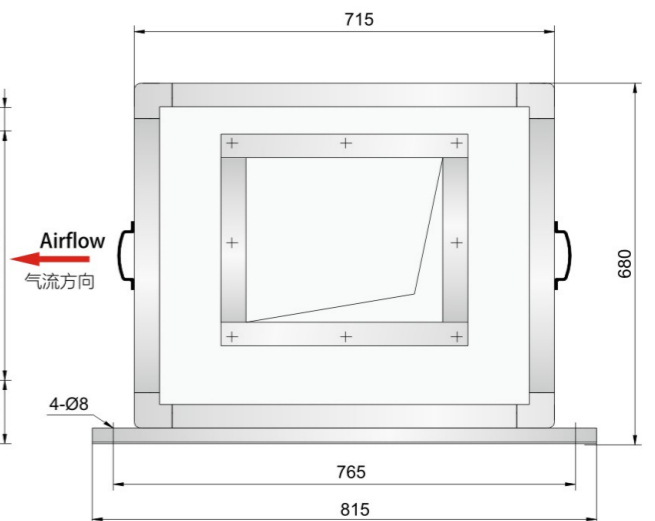


Type: BKZE/BKZES 12-12I		m: 22.8 kg		P _N : 550W-6P				
		U: 220 v		f ₁ : 50HZ				
		I _N : 4.7 A		IP: IP20				
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	61.3	71.6	65.7	66.2	64.4	62.7	54.0	74.5
B	62.0	65.7	64.8	65.9	63.5	61.5	52.6	72.1
C	61.7	67.4	64.3	65.9	64.0	62.3	53.0	72.5
D	61.8	66.7	65.2	66.9	65.7	64.0	54.3	73.2
E	61.9	64.1	66.2	67.2	66.0	64.4	55.6	73.1
F	61.2	64.0	66.9	68.0	67.3	65.9	58.3	74.0

BKZES外形及安装尺寸

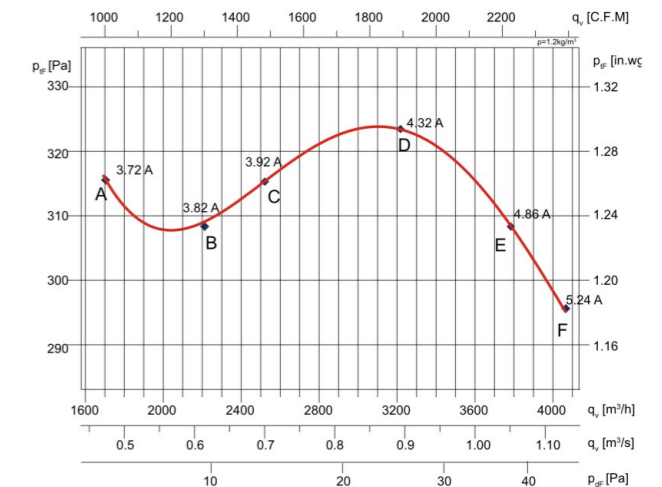


BKZES Overall Size



Technical Data

BKZE/BKZES 12-12 | 750W-6



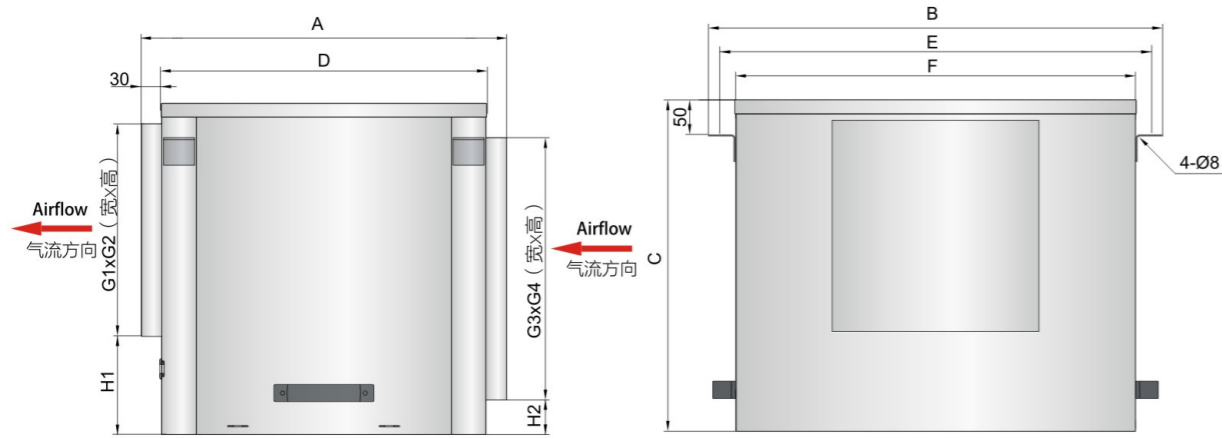
Type: BKZE/BKZES 12-12I		m: 24.4 kg		P _N : 750W-6P				
		U: 220 v		f ₁ : 50HZ				
		I _N : 5.4 A		IP: IP20				
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	64.3	80.8	68.7	65.6	64.1	62.1	54.3	81.4
B	64.9	83.8	66.8	66.2	64.4	62.2	54.2	84.1
C	62.2	72.3	70.4	69.3	64.9	63.4	55.3	76.4
D	62.5	73.0	65.8	66.9	66.1	64.8	56.2	75.8
E	62.9	71.7	67.4	68.1	67.8	66.6	61.0	76.1
F	62.4	67.3	67.8	68.8	69.0	67.8	62.9	75.6



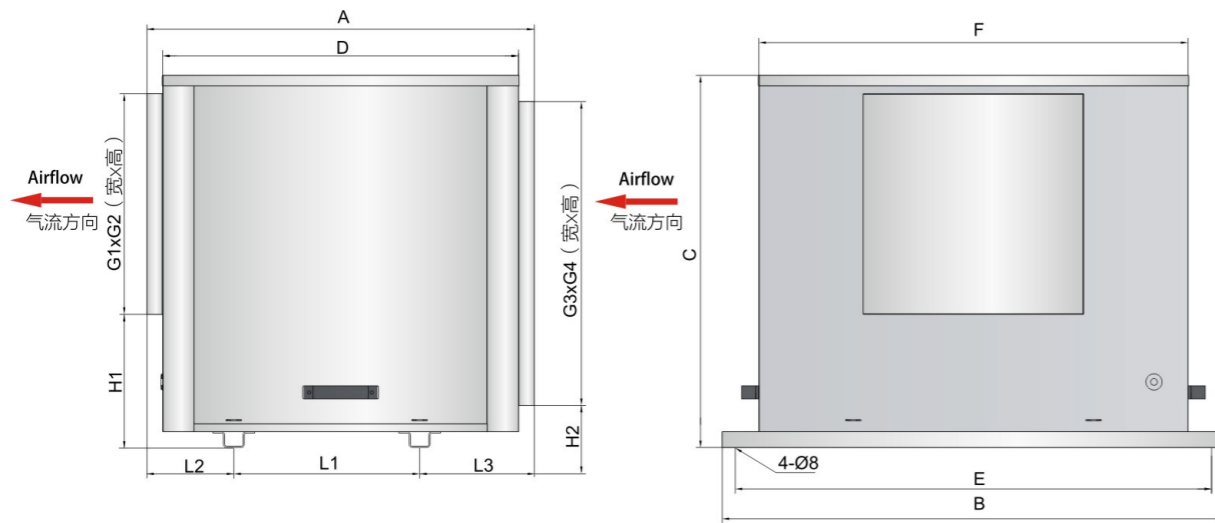
BKZE系列箱式风机外形尺寸图

BKZE Series Fan Overall Dimension

BKZE7-7(8-8/9-7/9-9/10-8/10-10)(180°)



BKZE(12-9/12-12)(180°)



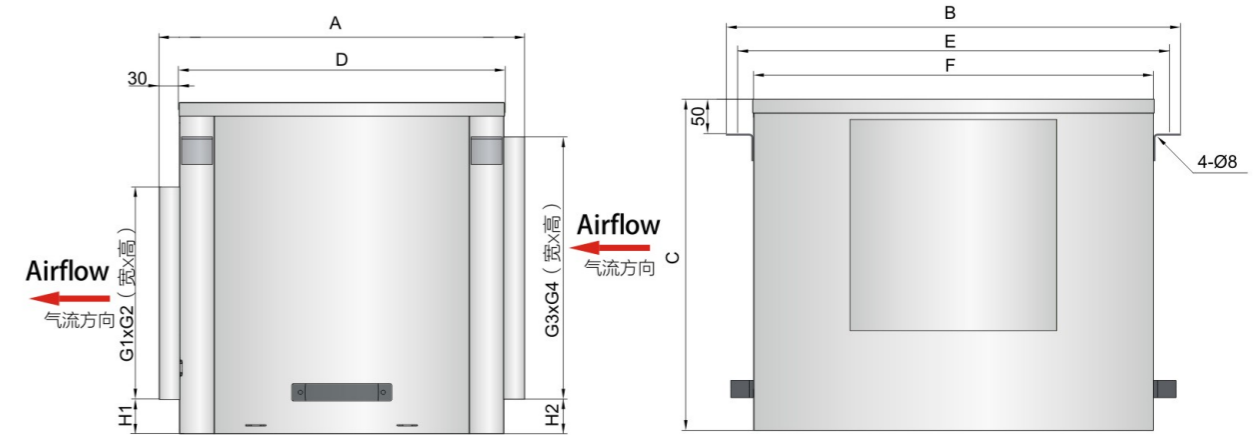
型号	尺寸(mm)														
	A	B	C	D	E	F	L1	L2	L3	H1	H2	G1	G2	G3	G4
BKZE 7-7	450	470	380	390	442	410	-	-	-	131	45	234	210	320	290
BKZE 8-8	470	550	420	410	522	490	-	-	-	129	45	289	258	400	330
BKZE 9-7	500	520	440	440	492	460	-	-	-	142	45	234	264	370	350
BKZE 9-9	500	590	440	440	562	530	-	-	-	142	45	300	264	440	350
BKZE10-8	550	610	500	490	570	530	-	-	-	170	50	272	293	430	400
BKZE10-10	550	670	500	490	630	590	-	-	-	170	50	333	293	490	400
BKZE 12-9	620	760	640	560	710	620	408	90	122	237	75	311	343	520	510
BKZE12-12	620	620	640	560	790	700	408	90	122	237	75	397	343	600	510



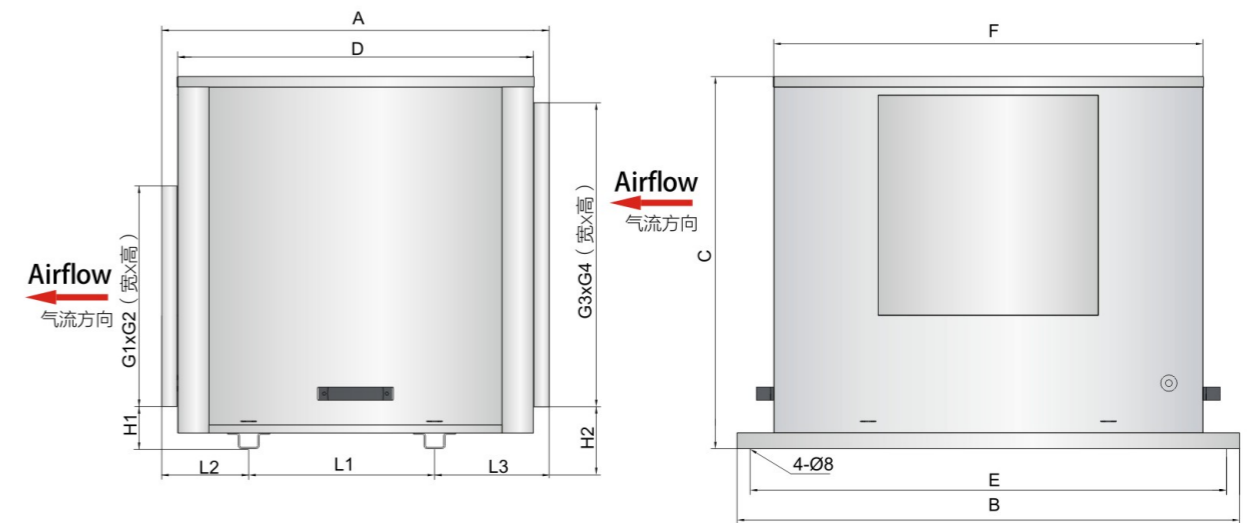
BKZE系列箱式风机外形尺寸图

BKZE Series Fan Overall Dimension

BKZE7-7(8-8/9-7/9-9/10-8/10-10)(0°)



BKZE (12-9/12-12)(0°)

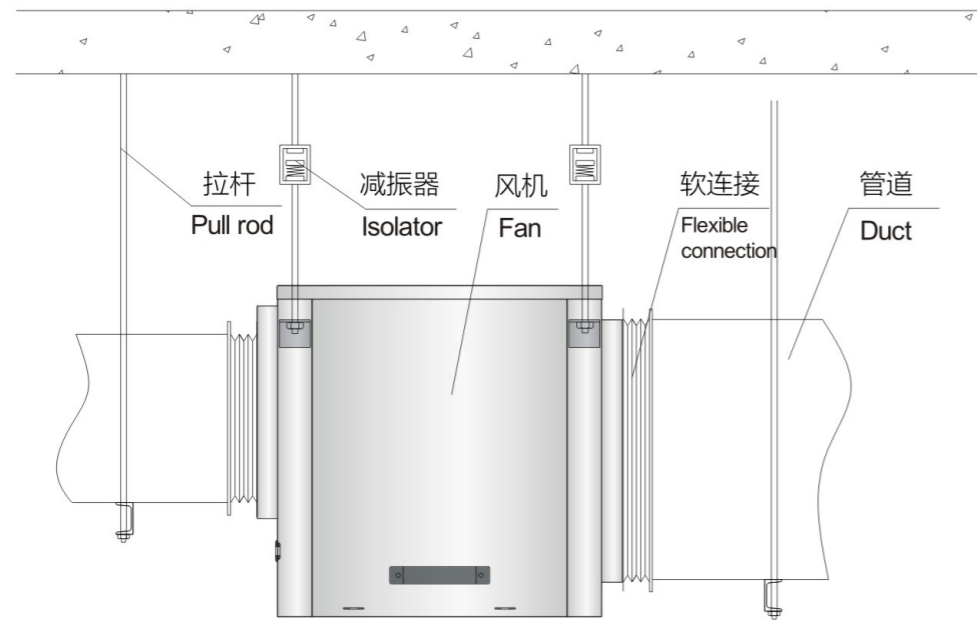


型号	尺寸(mm)														
	A	B	C	D	E	F	L1	L2	L3	H1	H2	G1	G2	G3	G4
BKZE 7-7	470	473	380	390	445	410	-	-	-	34	45	232	208	320	290
BKZE 8-8	490	553	420	410	525	490	-	-	-	36	45	278	256	400	330
BKZE 9-7	520	523	440	440	495	460	-	-	-	36	45	232	262	370	350
BKZE 9-9	520	593	440	440	565	530	-	-	-	37	45	298	262	440	350
BKZE 10-8	570	613	500	490	573	530	-	-	-	36	50	270	291	430	400
BKZE 10-10	570	673	500	490	633	590	-	-	-	37	50	333	353	490	400
BKZE 12-9	640	820	640	560	720	620	408	90	122	90	75	309	341	520	510
BKZE 2-12	640	900	640	560	800	700	408	90	122	89	75	395	341	600	510



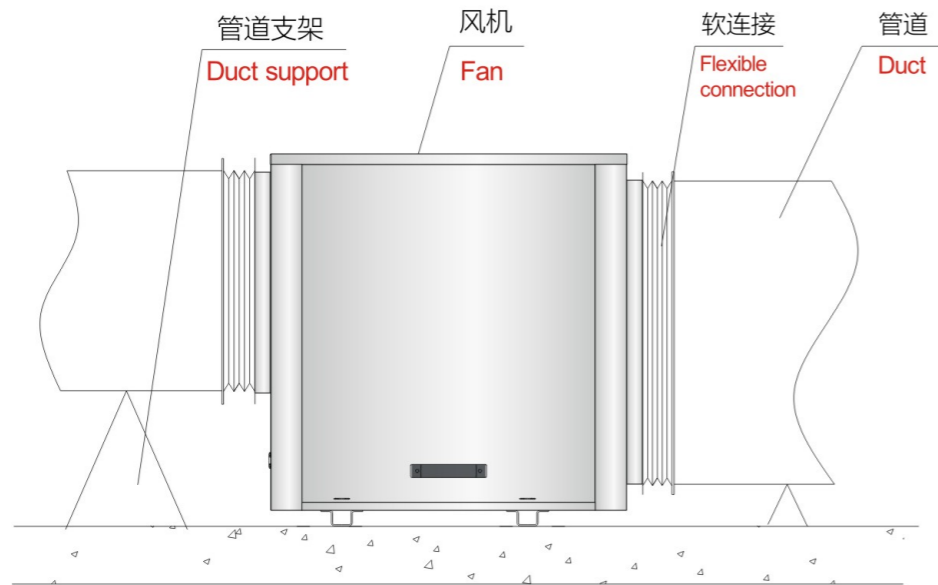
BKZE系列管道风机吊装示意图

BKZE Ceiling Installation Schematic Diagram



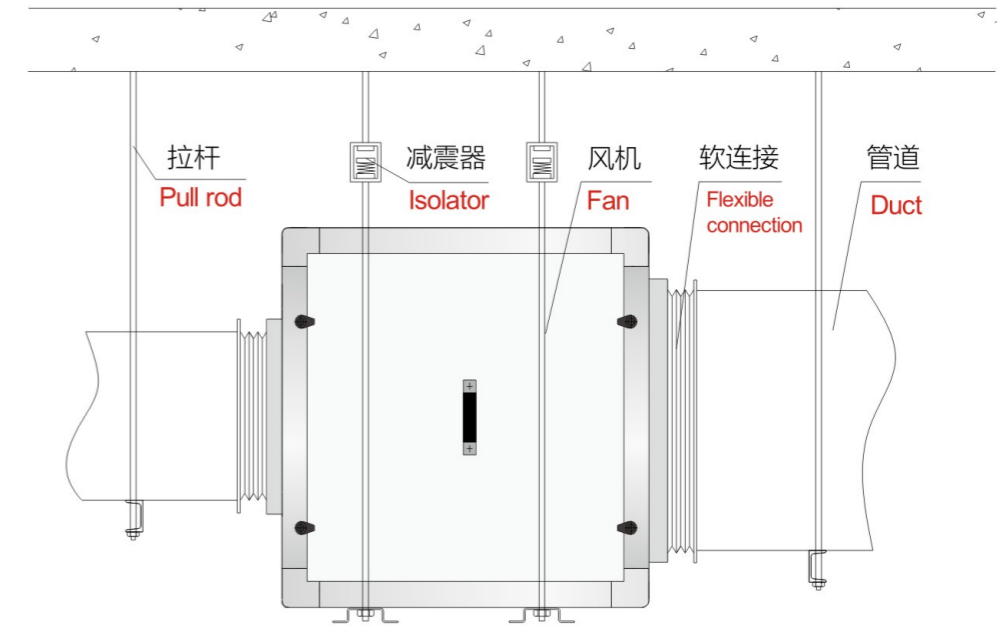
BKZE系列管道风机地装示意图

BKZE Floor Installation Schematic Diagram



BKZES系列管道风机吊装示意图

BKZES Ceiling Installation Schematic Diagram



BKZES系列管道风机地装示意图

BKZES Floor Installation Schematic Diagram

