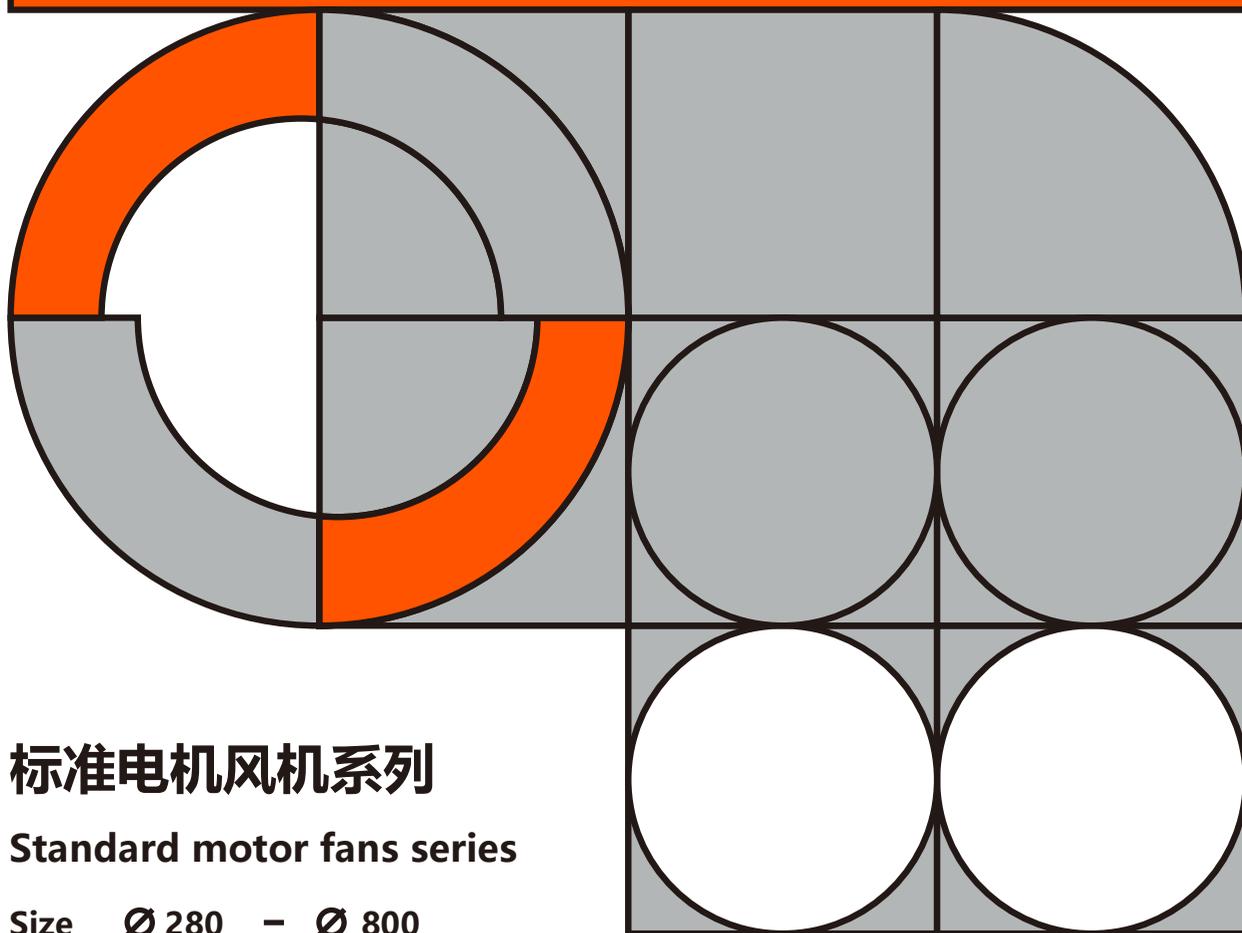


techniro fan

施依洛



标准电机风机系列

Standard motor fans series

Size Ø 280 - Ø 800

设计理念

施依洛理想的产品设计开发经理是具有出色的具有敏锐反应和分析能力及敬业精神的专家。以其对所需产品特性的了解从而作出非常迅速准确的实际开发方案。

PRODUCT IDEA

The ideal image of a manager in product planning or product implementation evokes the pictures of competent, decisive A-type personality with quick reflexes and analytical thinking. Based on known factors with respect to the required characteristics of a product, decisions on product development must be made especially quickly.

产品设计规划的咨询

除了对产品特性的咨询服务之外,在产品规划设计阶段,针对项目的具体技术情况、项目标、性能特点、以及资产安排的咨询服务,施依洛开发人才以严谨的作风、资深的经验和严格的标准使命、不仅能够提供产品开发及测试方面的一套缜密的详细技术清单,并在接下来的制造过程中的详细情况提前做出预测,大大提高了生产效率、确保了生产。

CONSULTING DURING PRODUCT PLANNING

Prior even to the hardware features consulting services begin with the analysis of the project specifications and the goals, performance characteristics, and properties set out therein. Based on quality characteristics, experience, and standards, we elaborate a complex set of product specifications together that take not only development and testing conditions into consid-

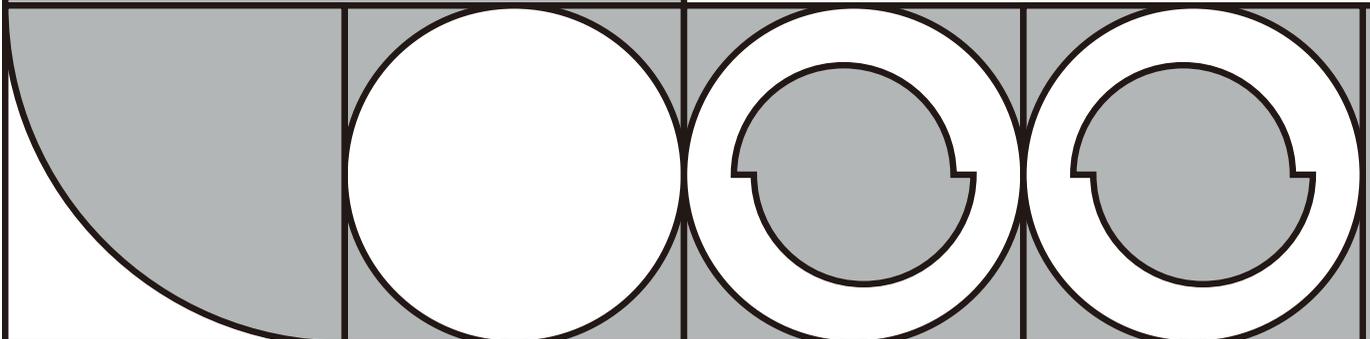
eration, but also future production conditions so that a rapid and effective product implementation is assured. The entire production development is significantly accelerated by means of the achieved degree of planning security.

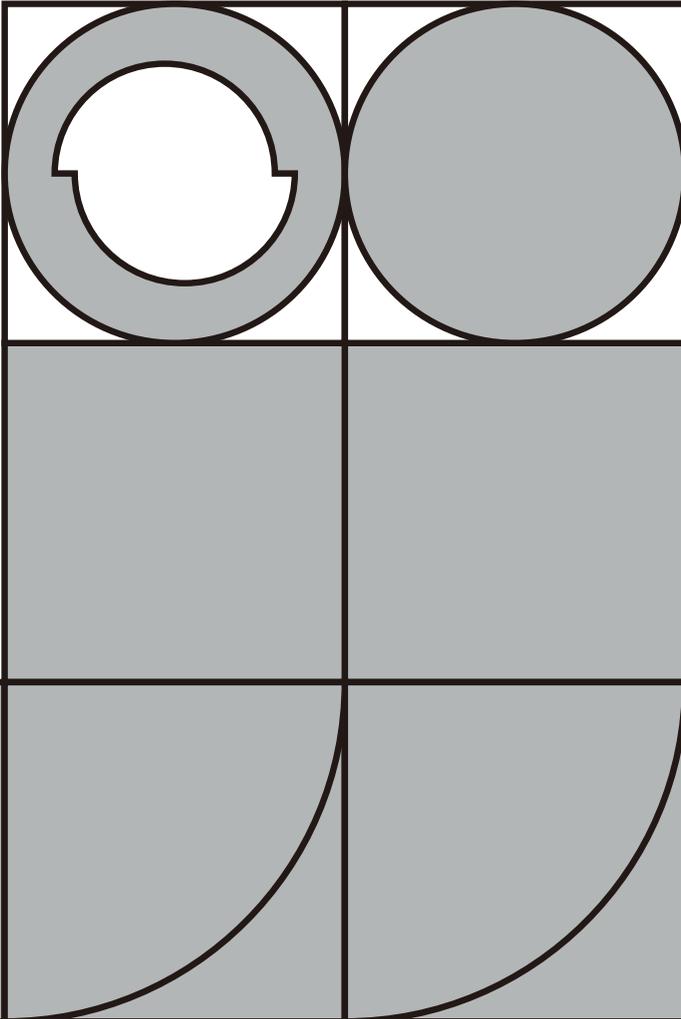
生产工艺过程实施

生产计划中做出的所有努力在生产过程中得到了回报。施依洛实验室会对风量、风压、声噪、电性能、能量损耗进行局部和最终测试。严格的测试标准使项目得以实现并保持最大程度的优化及发展。在生产制造中保证高效作业、以跻身市场前列。

PRODUCT IMPLEMENTATION

This is where the additional effort put into product planning really pressure, speed, sound power, power consumptions mechanical, whether as partial or final acceptance test. With a high degree of competence, developments and optimization of components of the project are adopted. During product implementation, all sights are set on the rapid execution tasks and successful marketing.





全球能源的供需发展趋势要求生产厂家不断改进技术和服务,与此同时,项目在工程设计、经济效益、安全健康和环境保护方面均有其内在的复杂性。除技术和商务实力以外,信任和敬业精神也成为十分重要的成功的支柱。

施依洛亦是如此,作为全球的工业通风设备制造商,由多年海外的工程管理经验的专家组成,产品革新化的研发、出色的工艺设计、最大生命周期价值、以及齐心敬业的精神,使得施依洛公司的产品创造了优异的成绩,跻身并保持国际前列的地位。

优化的外转子电机技术为风机的安全性和可用性提供了坚实的基础。充分利用我们在风机设计、性能范围、以及铸造方面的国际化经验为国际国内客户提供各种标准产品的研发与高质量服务。

Global trends in the demand and supply of energy and power require constant improvement of technologies and services. At the same time, Projects are intrinsically complex in terms of engineering, economics, health, safety and environment. In addition to technical and business expertise, trust and dedication become all-important pillars of success.

And so as Shiro's, as a world-class manufacture of advanced industrial ventilator, funded by the genius of years' international experiences of excellence in Product Design, maximum lifetime value, competence and strengths, Shiro's product portfolio is achieving the winning performance to get ahead-and stay there.

Optimized external rotor motor technology provides the basis for security and availability. Take advantage of our international experience in the development of variety of standard models in terms of variety of standard models in terms of Fan design, Performance range, Construction.

如何使用施依洛产品样本 How to use THE SHIRO CATALOGUE?

本样本向您展示了施依洛风机系列产品的参数及性能曲线，以及标准产品的外形及安装尺寸图。

This catalogue shows you the main performance parameters and curves, and the dimensioned drawing of the standard products.

产品及导风圈描述

Description for Fan Type An Inlet Ring

在样本的最上端，风机型号中部分内容进行了省略，准确型号可在样本底部的表格中获得。每一款后倾离心风机可配置两款不同高度的导风圈，分别以“With long Inlet Ring” & “With Short Inlet Ring” 标注，并在此页样本标注此款导风圈相关的性能及外形尺寸。

On the top of the catalogue, you can see the information of the fan type, but part information of it is omitted. You can find the accurate type on the table which is on the end of the catalogue. Each backward centrifugal fan can be working with one of the two kinds of inlet ring which is in different height and dimension. The description is as With long Inlet Ring & With Short Inlet Ring. You can find the relevant parameters on this catalogue according to the inlet ring which is fixed.

我们所有的产品均获得以下的认证

All of our products have obtained the following certifications



SHIRO 离心风机产品型号一般由 16 个字符构成，名字含义如下

The type of SHIRO centrifugal fan comprises 16 characters, And each character means:

R C B H 1 7 5 - E 2 3 T T - 4 2 D
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

① 产品系列

- R - 外转子AC电机风机
- E - 外转子EC电机风机
- S - 标准EC电机风机
- N - 标准AC电机风机
- D - DC电机
- W - 不带电机组件

② 风机类型

- A - 轴流
- C - 离心
- D - 混流
- T - 横流

③ 叶型

- B - 后倾离心
- F - 前倾离心
- L - 轴流镰刀形(铝镁合金)
- H - 轴流塑料叶轮
- G - 轴流铸铝叶轮
- W - 轴流外购叶轮(标准电机)

④ 结构

- S - 公制单进风
- D - 公制双进风
- H - 无蜗壳
- C - 防护罩
- J - 支架
- T - 圆筒
- P - 面板
- M - 网罩
- G - 箱体
- X - 英制单进风
- Z - 英制双进风
- F - 消防风机
- L - 双联风机
- N - 无组件(轴流风机)

⑤ 叶轮直径: 风机公称直径

⑥ 电源

- D - 三相
- E - 单相
- 0 - 无电机

RCBH175-E23TT-42D

Performance Data

Rated Voltage (U_n): 1~230V ± 10%

Rated Frequency (F_n): 50/60Hz

Insulation Class: F

Protection Class: IP54

Impedance: F45

Material: Aluminium, see also P45 table.

Weight: 1.5kg

Motor Rated Input Power (P_i): 50/71 W

Rated Current (I_n): 0.23/0.32 A

Rated Speed (n_n): 2700/3000 rpm

Starting Current (I_s): 1.5

Service Capacitor (C_{sc}): 1.5µF

Min. Permitted Ambient Temperature (T_{amb}): -25 °C

Max. Permitted Ambient Temperature (T_{amb}): 70/75 °C

性能曲线
Characteristic Data

F	P _i	I _n	n	L _{wa}
Hz	W	A	rpm	dB(A)
①	50	0.25	2700	
②	50	0.26	2707	69
③	49	0.24	2952	
④	66	0.29	3150	
⑤	60	0.32	3007	74
⑥	55	0.34	3342	

性能曲线
为安装导
风圈情况
下测得
Measured
With Inlet
Ring

接线图
Electrical Connection

U₁: blue (蓝)

U₂: black (黑)

Z: brown (棕)

PE: yellow-green (黄/绿)

|| C (电容)

U₁: U₂: Z ⊕

JX-102

结构图
Construction

性能曲线 / Characteristic Data

在本样本中，您可以通过分析性能曲线，观察其风量和静压数值是否满足您的使用需要，来选择合适的风机。同时，我们还列出了风机在几个具有代表工作点工作时的功率、电流、转速、噪音数据，在图中以编号①②③来表示。通过这些数据，相信会让您在选择时能有更多的参考。

In this catalogue, you can analysis the performance curves, power whether the air quantity and static pressure data can be satisfied with your use remand or not. And then, choose the suitable product. We also show the power, current, rotation rate, noise data when the fan is working on these typical operating points. It is indicated by number ①,②,③. According to these data, we believe it will be useful to you to decide the selection.

接线图 / Electrical Connection

为了我们的产品能够正常工作，请您务必按照相应的接线图连接电源线。另外，轴流风机按照风向不同，对应的接线图有所不同，请您在使用时务必注意。

For the sake of our products to work properly, please connect the power line by according to the electrical connection. Moreover, with the difference of axial fan' s flow, the corresponding electrical connection will be different. Please be careful to connect the power line.

结构图 / Construction

此处我们提供给您此型号风机校准样式的结构图。如图所示的标准样式，含有电机、叶片、网罩等配件。您可以在设计您的风机接口时，参考这些尺寸。

Here we provide you the standard style' s construction of the fan. As shown in the figure, the fan contains a motor, blades, a net cover and other parts. When you are designing your fan interface, you can reference to the size.

⑦ 电机极数

0 - 无电机	F - 2-2级
2 - 2极	G - 4-4级
4 - 4极	H - 6-6级
6 - 6极	M - 8-8级
8 - 8极	A - 2/4级
K - 10极	B - 4/6级
T - 12极	C - 6/8级

⑧ 电机尺寸/标准电机安装方式

1 - 054	A - B3
2 - 072	B - B5
3 - 092	C - B35
4 - 102	0 - 无电机
6 - 138	
7 - 180	
8 - 210	

⑨ 电机铁芯高度/机座号代码

A - 30(063)	N - 135
B - 35(071)	P - 170
C - 42(080)	Q - 190
D - 50(090)	R - 220
E - 65(100)	S - 240
F - 70(112)	T - 15
G - 75(132)	U - 20
H - 80(160)	V - 25
J - 95(180)	W - 45
K - 100(200)	X - 65
L - 120(225)	Y - 85
M - 140	0 - 无电机

⑩ 出线方式

T - 顶出线	R - 右旋(前倾)
S - 侧出线	N - 标准电机
L - 左旋(前倾)	0 - 无电机

⑪ 叶片高度/角度

S - 轴流小角度
L - 轴流大角度
M - 轴流常规角度
离心叶轮出口宽度

⑫ 电机安装方式/气流方向

A - 从电机到叶片(轴流)/电机法兰再叶轮内(离心)
B - 从叶片到电机(轴流)/电机法兰再叶轮外(离心)
D - 其他安装方式

⑩ OUTLET MODE

T - top lead-out
S - side lead-out
L - Sinistral (forward)
R - Dextral (forward)
N - Standard machine
0 - motorless

⑪ BLADE HEIGHT/ANGLE

S - Small Angle of axial flow
L - Large Angle of axial flow
M - Axial flow conventional Angle
Centrifugal impeller outlet width

⑫ AIRFLOW DIRECTION

A - From motor to blade (axial flow) /Motor flange in impeller
B - From blade to motor (axial flow) /Motor flange outside impeller
D - Other installation methods

① PRODUCT SERIES

R - External rotor AC motor fan
E - External rotor EC motor fan
S - Standard EC motor fan
N - Standard AC motor fan
D - DC motor
W - Non-live assembly

② FAN TYPE

A - AXIAL FLOW
C - CENTRIFUGATION
D - MIXED FLOW
T - CROSS FLOW

③ FAN' S TYPE

B - Backward curved centrifugation
F - Forward curved centrifugation
L - Axial sickle
H - (Aluminum-magnesium alloy)
G - Axial flow high efficiency impeller
W - Axial flow cast aluminum impeller
Axial flow outsourced impeller (standard motor)

④ STRUCTURE

S - Metric single air intake
D - Metric double air intake
H - Plug fan
C - Protective cover
J - support
T - cylinder
P - panel
M - Net cover
G - box
X - British single air intake
Z - British double air intake
F - Fire fan
L - Double fan
N - No components (axial fan)

⑤ IMPELLER DIAMETER: NOMINAL DIAMETER OF THE FAN

⑥ CURRENT TYPE

D - Three phase
E - Single phase
0 - motorless

⑦ NUMBER OF POLE

0 - motorless	F - 2-2pole
2 - 2pole	G - 4-4pole
4 - 4pole	H - 6-6pole
6 - 6pole	M - 8-8pole
8 - 8pole	A - 2/4pole
K - 10pole	B - 4/6pole
T - 12pole	C - 6/8pole

⑧ MOTOR SIZE/ STANDARD MOTOR MOUNTING

1 - 054	A - B3
2 - 072	B - B5
3 - 092	C - B35
4 - 102	0 - motorless
6 - 138	
7 - 180	
8 - 210	

⑨ MOTOR CORE HEIGHT/ FRAME NUMBER CODE

A - 30(063)	N - 135
B - 35(071)	P - 170
C - 42(080)	Q - 190
D - 50(090)	R - 220
E - 65(100)	S - 240
F - 70(112)	T - 15
G - 75(132)	U - 20
H - 80(160)	V - 25
J - 95(180)	W - 45
K - 100(200)	X - 65
L - 120(225)	Y - 85
M - 140	0 - motorless

SIZE	TYPE	VOLTAGE	PAGE
350	NAWT350-D4ABN-MA	3-400V(Y)	1
400	NAWT400-D2ADN-MB	3-400V(Y)	2
500	NAWT500-D2AGN-MA	3-400V(Δ)	3
560	NAWT560-D4ADN-MB	3-400V(Y)	4
560	NAWT560-D2AEN-MB	3-380V(Δ)	5
630	NAWT630-D2AGN-MB	3-400V(Δ)	6
710	NAWT710-D4AEN-MA	3-400V(Y)	7
<hr/>			
750	NAWT750-D4AGN-MA	3-380V(Δ)	8
	NAWT750-D4AGN-MA	3-400V(Δ)	9
	NAWT750-D4AGN-MA	3-380V/440V/460V(Δ)	10
	NAWT750-D4AGN-MA	3-380V/400V(Δ)	11
	NAWT750-D4AGN-MA	3-440V(Δ)	12
<hr/>			
800	NAWT800-D4AGN-MB	3-690V(Y)	13

NAWT350-D4ABN-MA

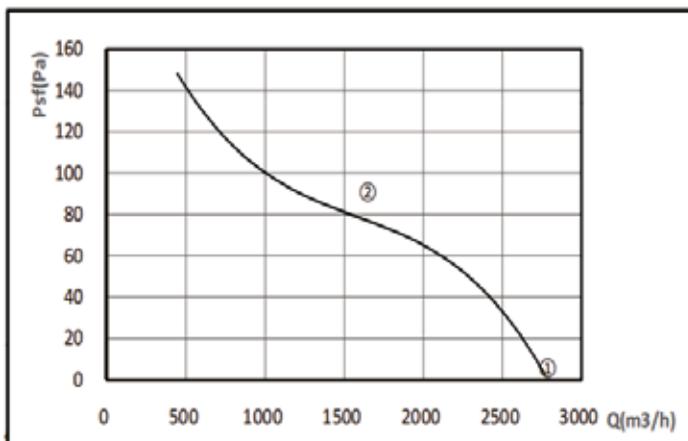
Performance data

Rated voltage U_N : 3~400V Y $\pm 10\%$
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 40 kg

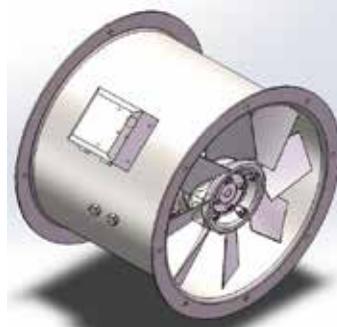
Motor rated output power P_1 : 0.25 kw
 Rated current I_N : 0.75 A
 Rated speed n_N : 1420 rpm
 Min. permitted ambient temperature $t_a(\max)$: -35
 Max. permitted ambient temperature $t_a(\max)$: 70 °C

Art. No. 1110135805

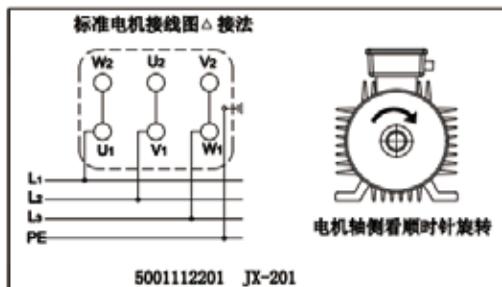
性能曲线 / Characteristic



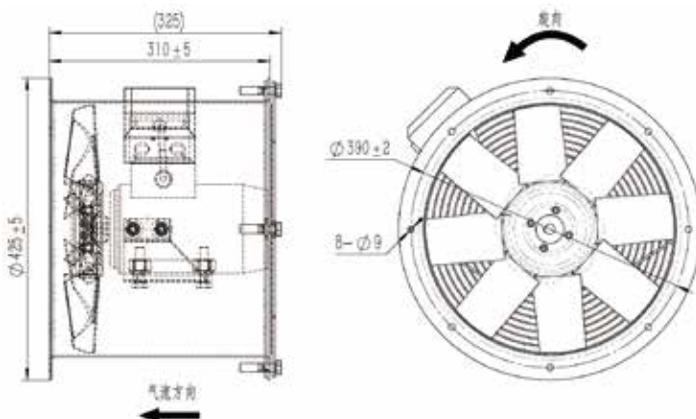
U	P_1	I_n	n	L_{WA}
V	W	A	rpm	dB
① 400	0.19	0.74	1471	
②	0.20	0.74	1468	72



接线图 / Electrical Connection



结构图 / Construction



NAWT400-D2ADN-MB

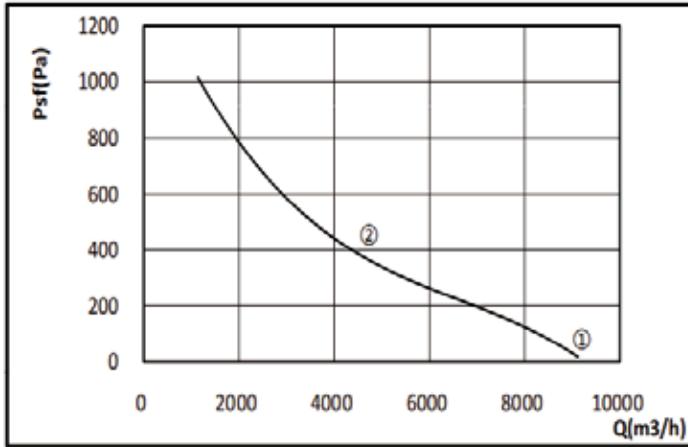
Performance data

Rated voltage U_N : 3~400V Y $\pm 10\%$
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 40 kg

Motor rated output power P_1 : 2.20 kw
 Rated current I_N : 4.50 A
 Rated speed n_N : 2840 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 50 °C

Art. No. 1110140803

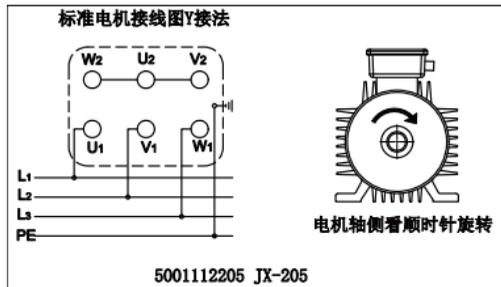
性能曲线 / Characteristic



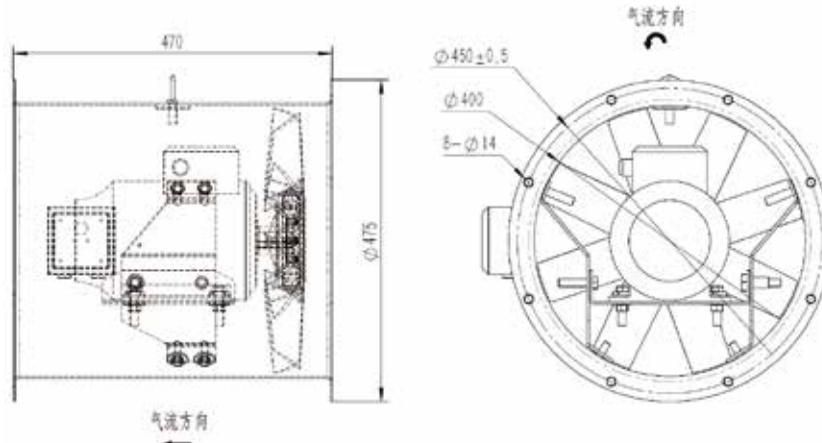
	U V	P_1 W	I_n A	n rpm	L_{WA} dB
①	400	2.04	3.90	2939	
②		1.85	3.70	2944	92



接线图 / Electrical Connection



结构图 / Construction



NAWT500-D2AGN-MA

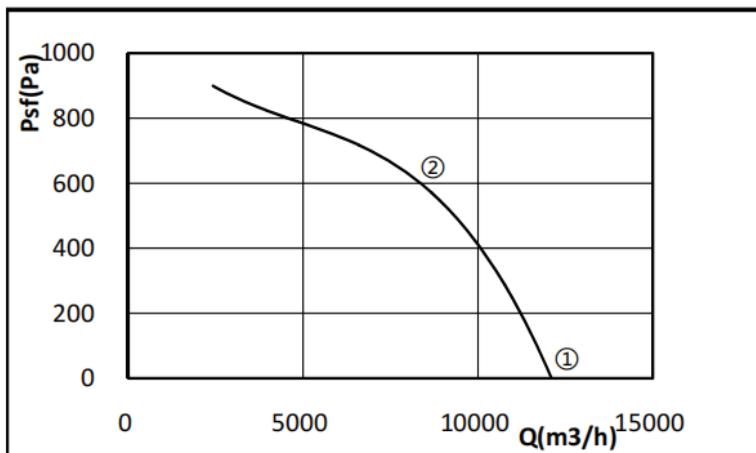
Performance data

Rated voltage U_N : 3~400V $\Delta \pm 10\%$
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 105 kg

Motor rated output power P_1 : 5.5 kw
 Rated current I_N : 10.30 A
 Rated speed n_N : 2915 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 40 $^{\circ}\text{C}$

Art. No. 1110150807

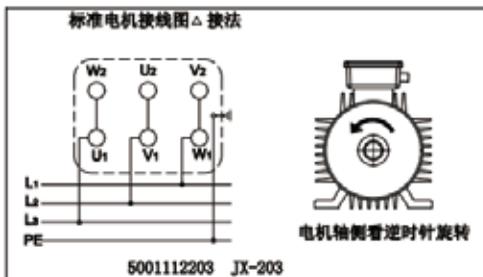
性能曲线 / Characteristic



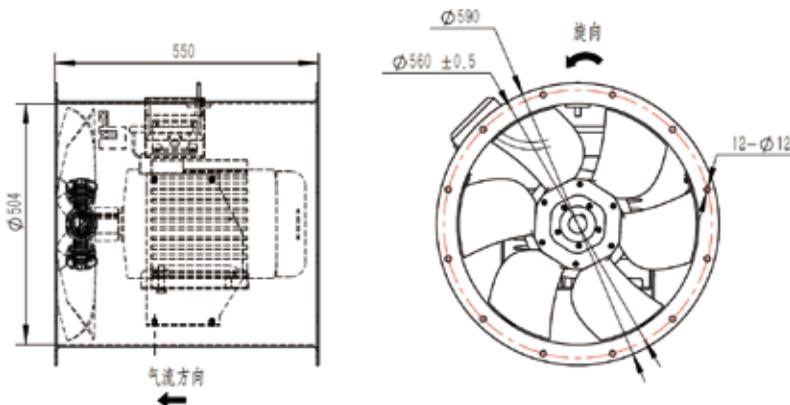
U	P_1	I_n	n	L_{WA}
V	W	A	rpm	dB
① 400	3.9	6.7	2950	
②	5.38	8.78	2950	95



接线图 / Electrical Connection



结构图 / Construction



NAWT560-D4ADN-MB

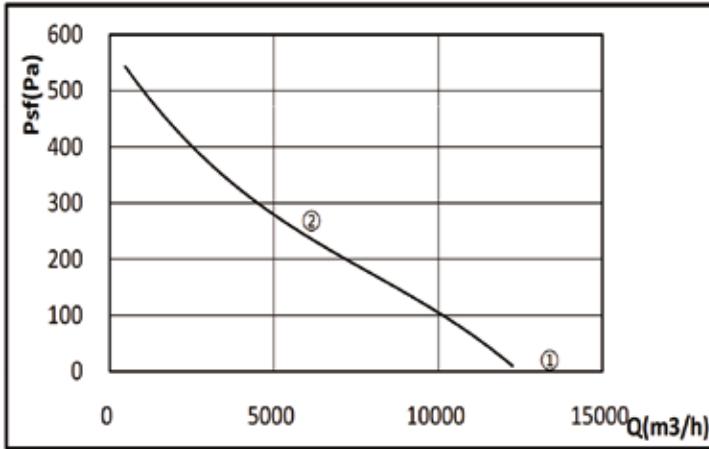
Performance data

Rated voltage U_N : 3~400V Y $\pm 10\%$
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 65 kg

Motor rated output power P_1 : 1.50 kw
 Rated current I_N : 3.54 A
 Rated speed n_N : 1400 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 50 °C

Art. No. 1110156802

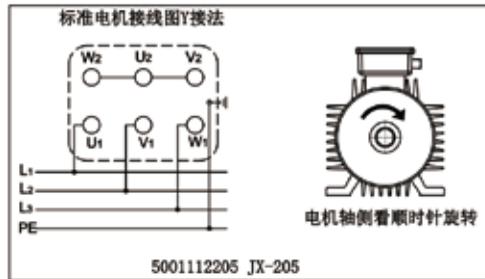
性能曲线 / Characteristic



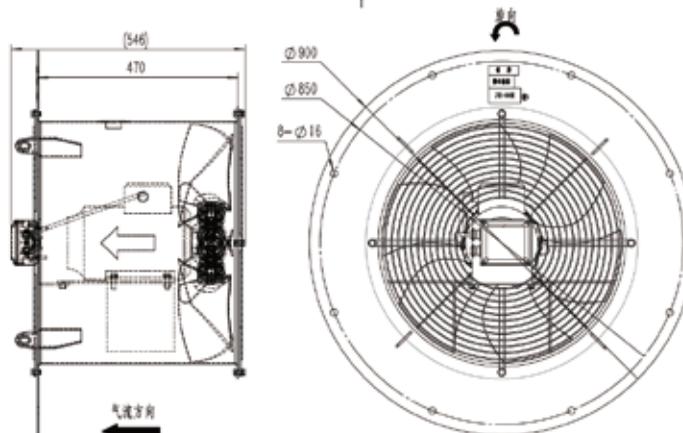
	U V	P ₁ W	I _n A	n rpm	L _{WA} dB
①	400	1.40	3.10	1443	
②		1.50	3.14	1438	85



接线图 / Electrical Connection



结构图 / Construction



轴流风机 / Axial fan

NAWT560-D2AEN-MB

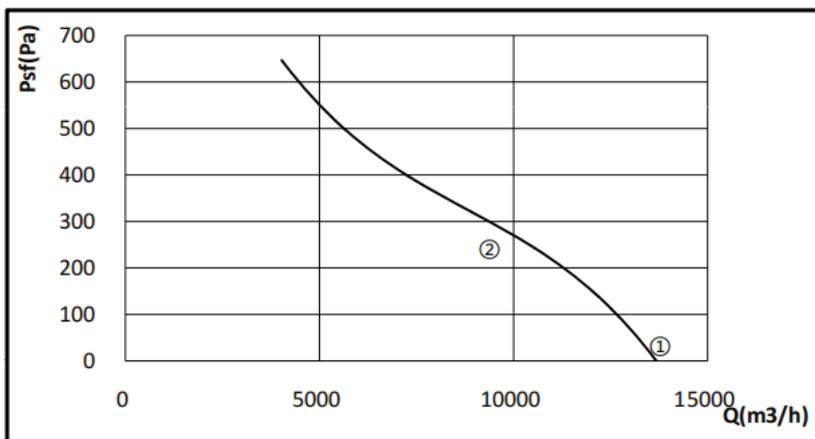
Performance data

Rated voltage U_N : 3~380V $\Delta \pm 10\%$
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 68 kg

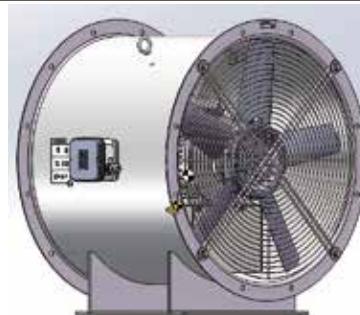
Motor rated output power P_1 : 3.0 kw
 Rated current I_N : 4.20 A
 Rated speed n_N : 2950 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 40 $^{\circ}\text{C}$

Art. No. 1110156805

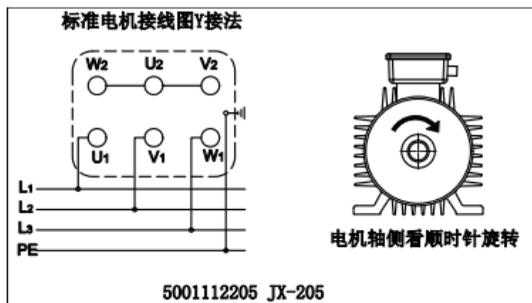
性能曲线 / Characteristic



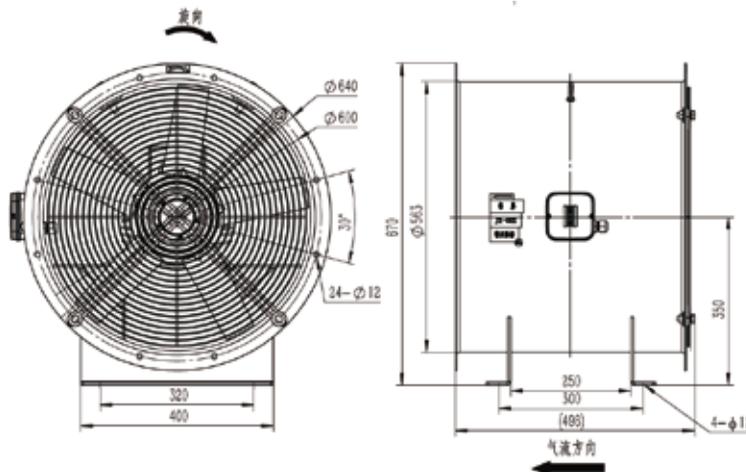
	U V	P_1 W	I_n A	n rpm	L_{WA} dB
①	380	1.84	3.71	2955	
②		2.18	4.15	2940	99



接线图 / Electrical Connection



结构图 / Construction



NAWT630-D2AGN-MB

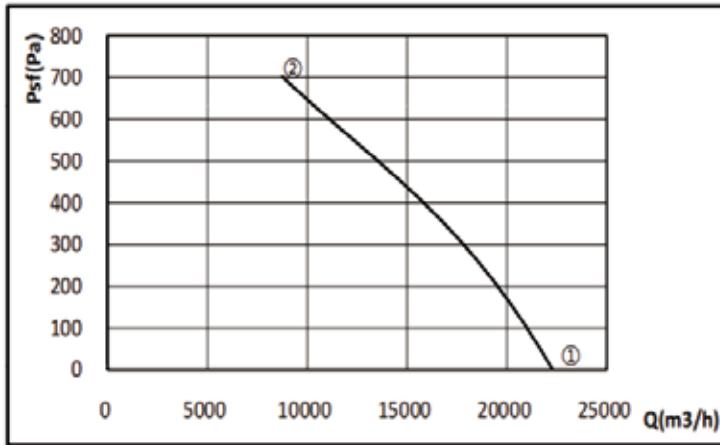
Performance data

Rated voltage U_N : 3~400V $\Delta \pm 10\%$
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 110 kg

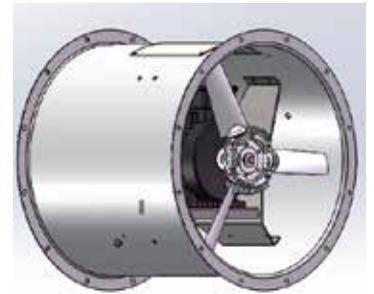
Motor rated output power P_1 : 5.5 kw
 Rated current I_N : 10.37 A
 Rated speed n_N : 2910 rpm
 Min. permitted ambient temperature $t_a(\text{max})$: -30
 Max. permitted ambient temperature $t_a(\text{max})$: 40 °C

Art. No. 1110163807

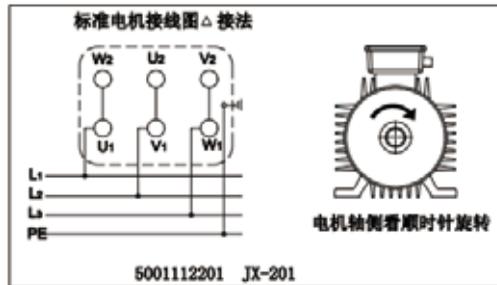
性能曲线 / Characteristic



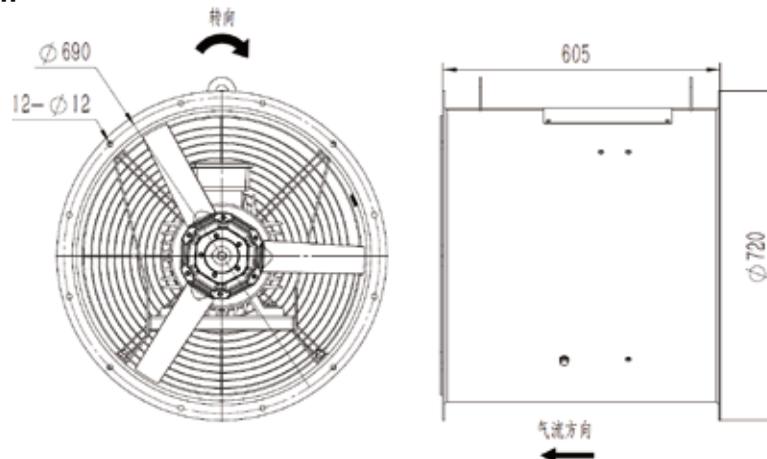
U V	P_1 W	I_n A	n rpm	L_{WA} dB
400	4.80	8.38	2941	
	4.68	8.20	2940	96



接线图 / Electrical Connection



结构图 / Construction



NAWT710-D4AEN-MA

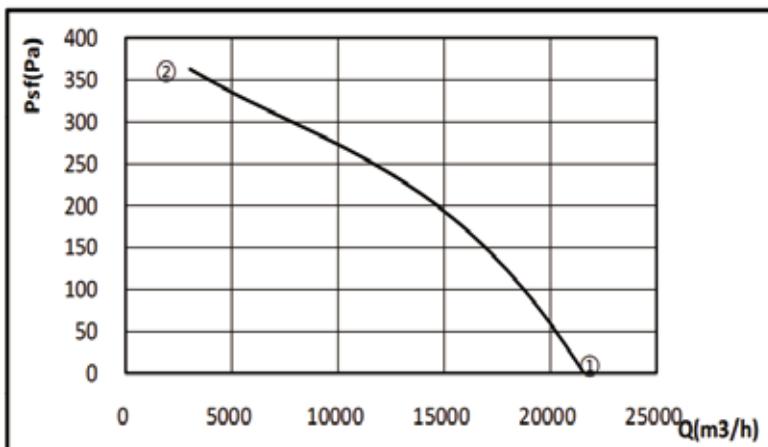
Performance data

Rated voltage U_N : 3~400V Y $\pm 10\%$
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 87 kg

Motor rated output power P_1 : 3.0 kw
 Rated current I_N : 6.60 A
 Rated speed n_N : 1450 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 50 $^{\circ}\text{C}$

Art. No. 1110171803

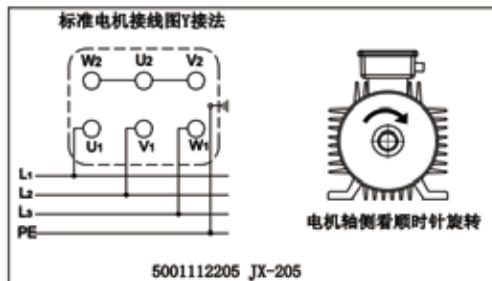
性能曲线 / Characteristic



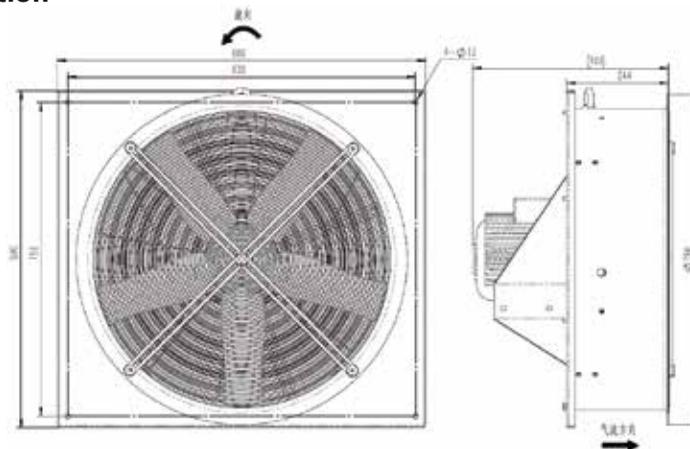
	U V	P_1 W	I_n A	n rpm	L_{WA} dB
①	400	1.99	4.57	1469	
②		2.46	5.10	1457	93



接线图 / Electrical Connection



结构图 / Construction



NAWT750-D4AGN-MA

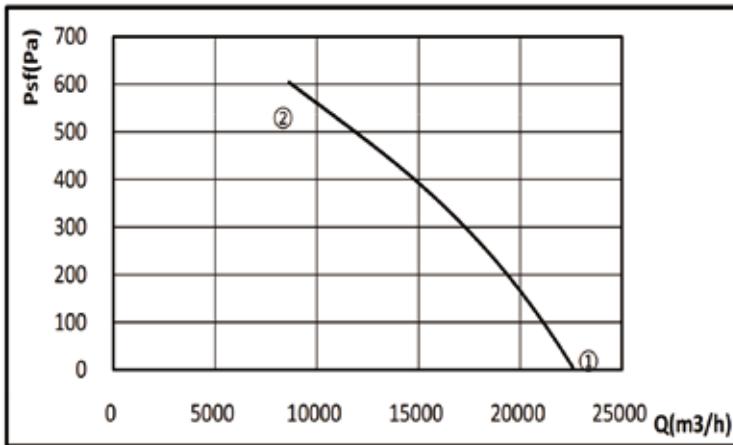
Performance data

Rated voltage U_N : 3~380V $\Delta \pm 10\%$
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 135 kg

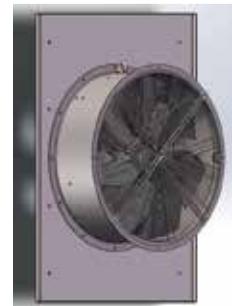
Motor rated output power P_1 : 5.5 kw
 Rated current I_N : 8.20 A
 Rated speed n_N : 1472 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 40 °C

Art. No. 1110175814

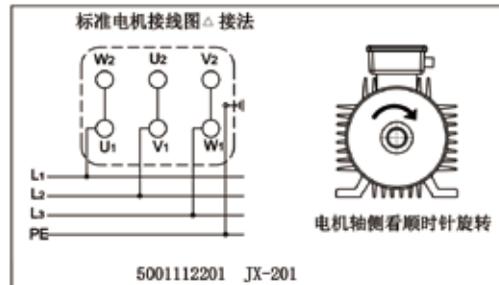
性能曲线 / Characteristic



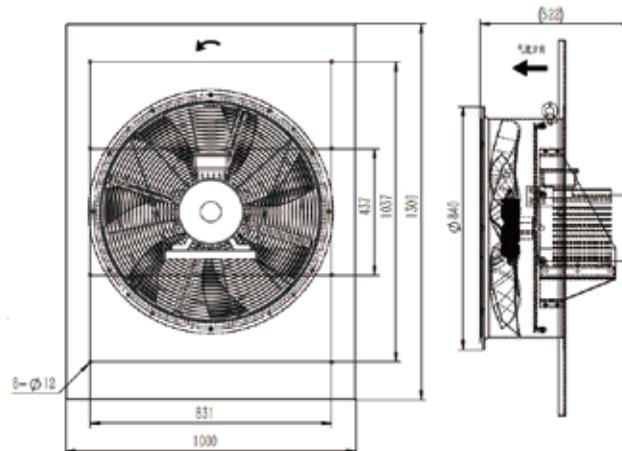
U V	P ₁ W	I _n A	n rpm	L _{WA} dB
380	3.01	6.17	1484	
	4.66	8.20	1472	96



接线图 / Electrical Connection



结构图 / Construction



轴流风机 / Axial fan

NAWT750-D4AGN-MA

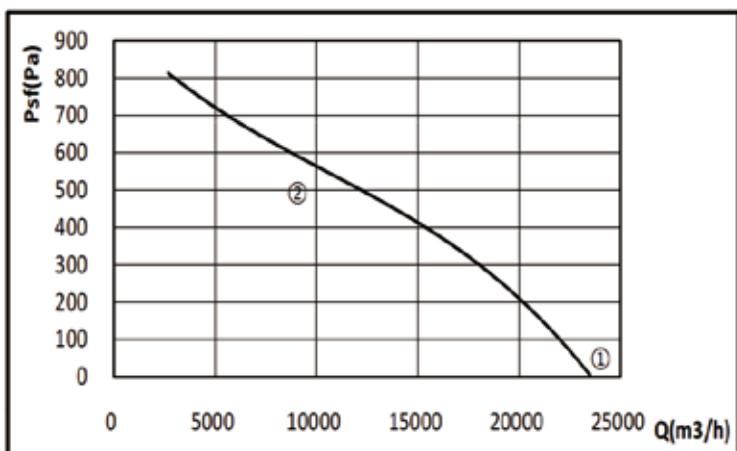
Performance data

Rated voltage U_N : 3~400V $\Delta \pm 10\%$
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 135 kg

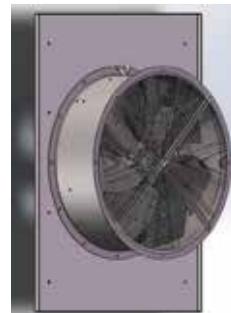
Motor rated output power P_1 : 5.5 kw
 Rated current I_N : 10.8 A
 Rated speed n_N : 1465 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 80 $^{\circ}\text{C}$

Art. No. 1110175816

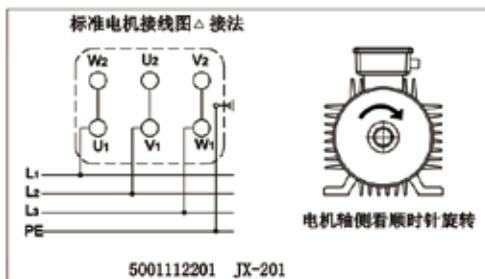
性能曲线 / Characteristic



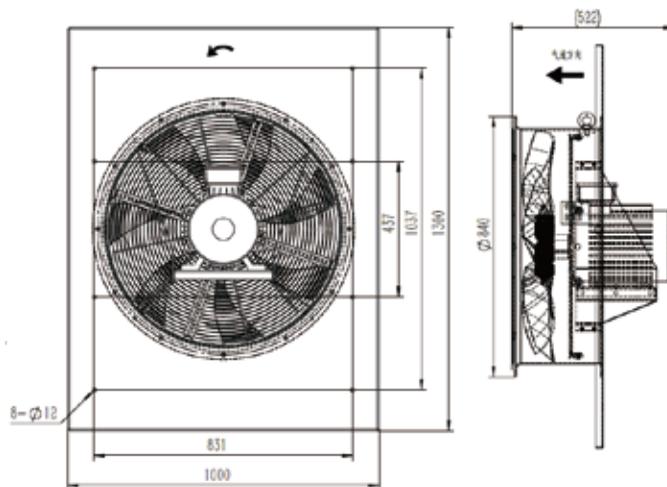
U V	P_1 W	I_n A	n rpm	L_{WA} dB
400	3.33	6.94	1485	
	4.47	8.29	1479	94



接线图 / Electrical Connection



结构图 / Construction



NAWT750-D4AGN-MA

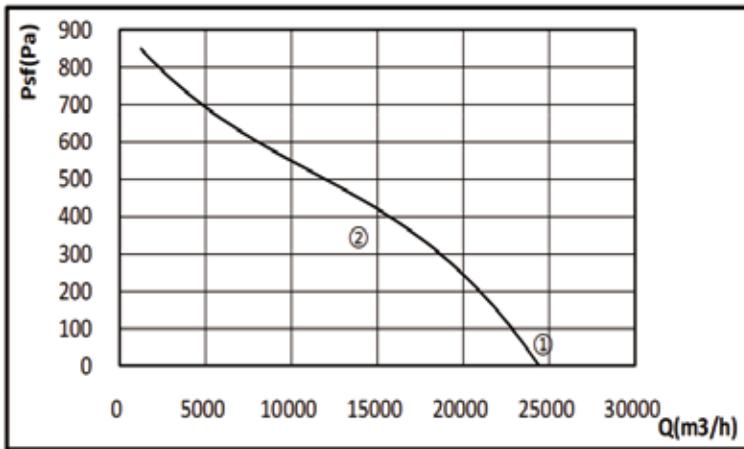
Performance data

Rated voltage U_N : 3~380V /440V/460V Δ
 Rated frequency f_N : 60Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 135 kg

Motor rated output power P_1 : 5.5 kw
 Rated current I_N : 10.6/9.37/9.18A
 Rated speed n_N : 1765 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 40 °C

Art. No. 1110175817

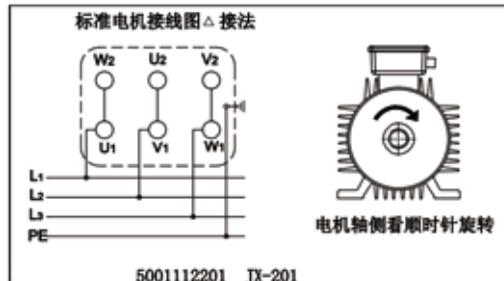
性能曲线 / Characteristic



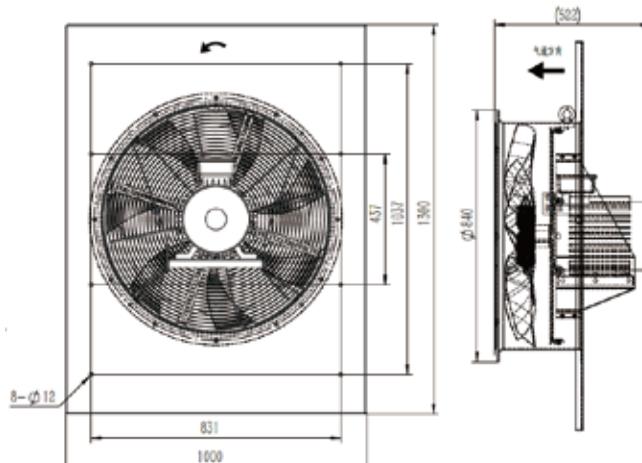
	U V	P ₁ W	I _n A	n rpm	L _{WA} dB
①	460	2.75	6.18	1786	
②		3.88	7.23	1779	97



接线图 / Electrical Connection



结构图 / Construction



轴流风机 / Axial fan

NAWT750-D4AGN-MA

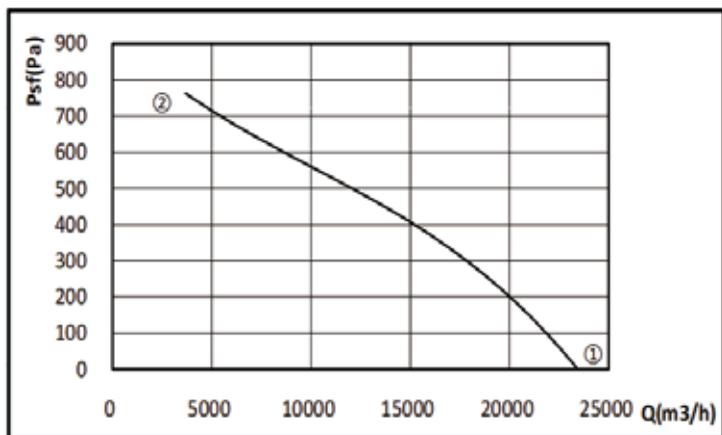
Performance data

Rated voltage U_N : 3~380V /400V Δ
 Rated frequency f_N : 50Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 115 kg

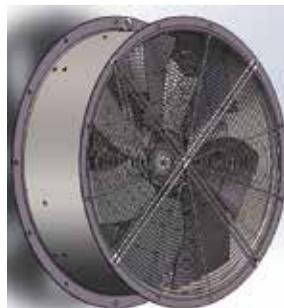
Motor rated output power P_1 : 5.5 kw
 Rated current I_N : 1.24/10.67 A
 Rated speed n_N : 1440 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 95 °C

Art. No. 1110175819

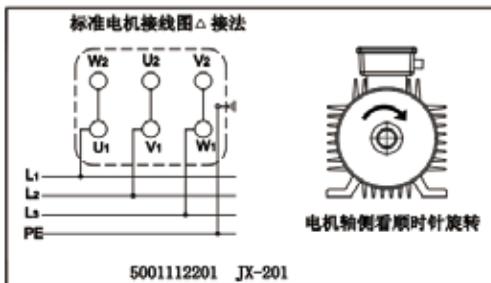
性能曲线 / Characteristic



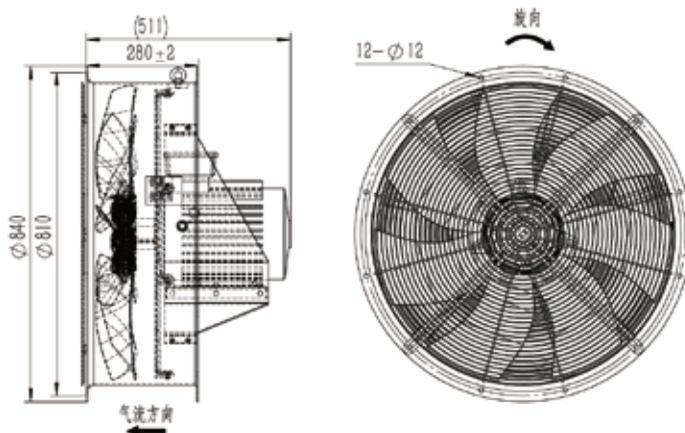
U V	P_1 W	I_n A	n rpm	L_{WA} dB
① 400	0.19	0.74	1471	
②	0.20	0.74	1468	72



接线图 / Electrical Connection



结构图 / Construction



NAWT750-D4AGN-MA

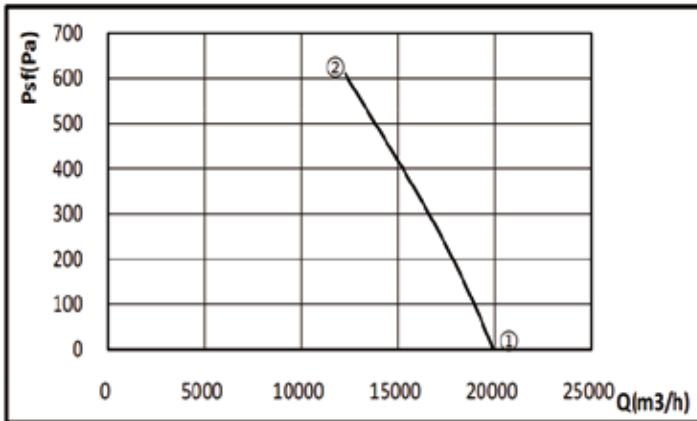
Performance data

Rated voltage U_N : 3~440V $\Delta \pm 10\%$
 Rated frequency f_N : 60Hz
 Protection class: IP55 F
 Impeller: PAG
 Weight: 115 kg

Motor rated output power P_1 : 5.5 kw
 Rated current I_N : 9.60 A
 Rated speed n_N : 1750 rpm
 Min. permitted ambient temperature $t_a(\max)$: -30
 Max. permitted ambient temperature $t_a(\max)$: 95 °C

Art. No. 1110175820

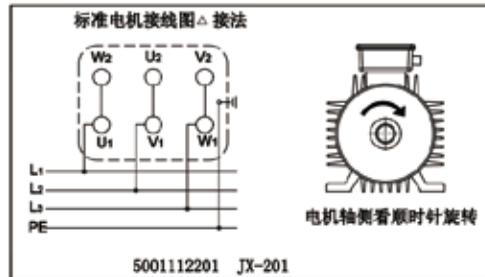
性能曲线 / Characteristic



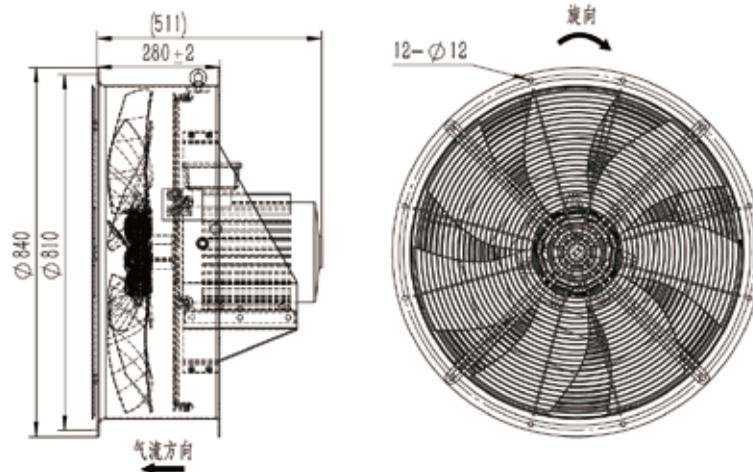
	U V	P_1 W	I_n A	n rpm	L_{WA} dB
①	440	3.02	5.53	1785	
②		4.73	7.61	1775	98



接线图 / Electrical Connection



结构图 / Construction



轴流风机 / Axial fan

SIZE	TYPE	VOLTAGE	PAGE
280	NCBH280-00000-087_	3-400V	1
315	NCBH315-00000-098_	3-400V	2
355	NCBH355-00000-110_	3-400V	3
400	NCBH400-00000-123_	3-400V	4
450	NCBH450-00000-138_	3-400V	5
500	NCBH500-00000-155_	3-400V	6
560	NCBH560-00000-155_	3-400V	7
630	NCBH630-00000-180_	3-400V	8
355	NCBH355-00000-098_	3-400V	9
450	NCBH450-00000-100_	3-400V	10
500	NCBH500-00000-155_	3-400V	11
560	NCBH560-00000-165_	3-400V	12
630	NCBH630-00000-180_	3-400V	13
710	NCBH710-00000-205_	3-400V	14

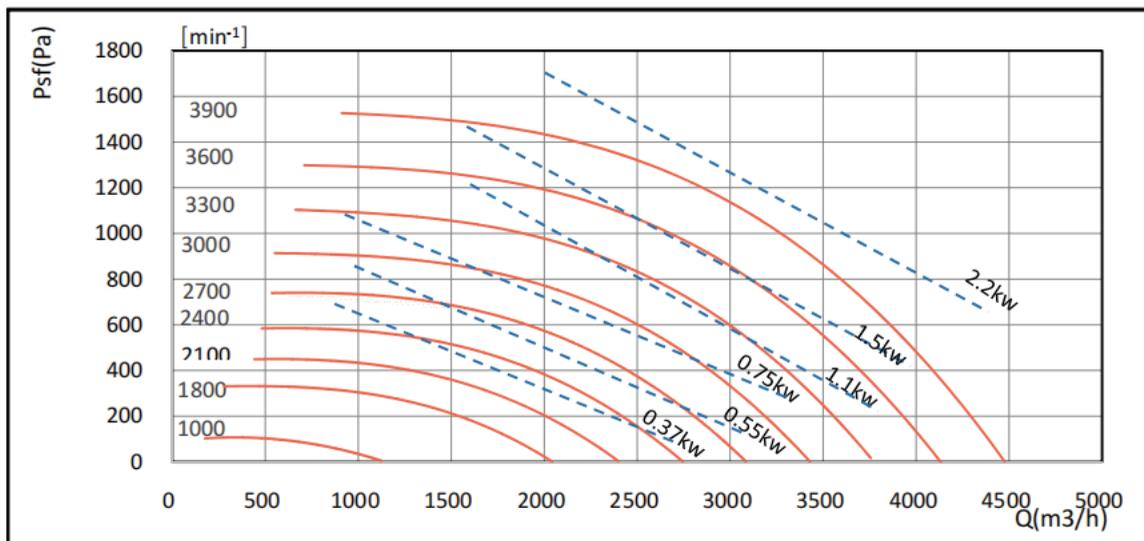
NCBH280-00000-087

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Aluminum

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 4.3kg

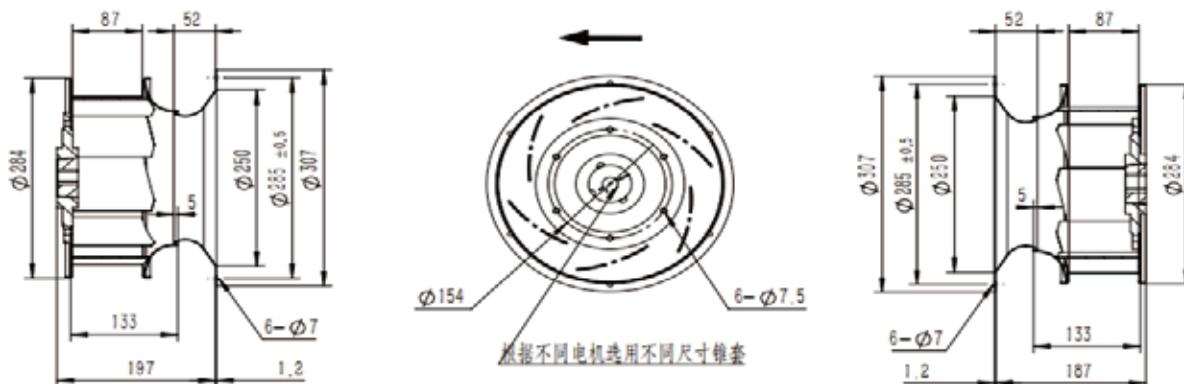
性能曲线 / Characteristic



技术资料 / Technical data

Motor type	n_N	P_N (kw)	I_N (A)
M71S	2100	0.37	0.91
M71L	2400	0.55	1.31
M80S	2700	0.75	1.7
M80L	3000	1.1	2.44

结构图 / Construction



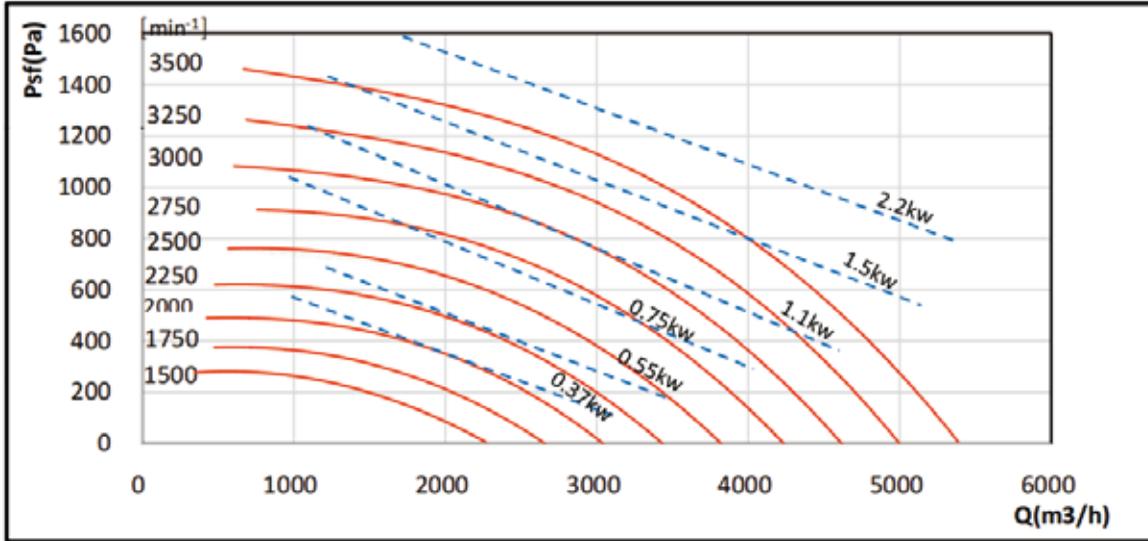
NCBH315-00000-098

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Aluminum

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 4.9kg

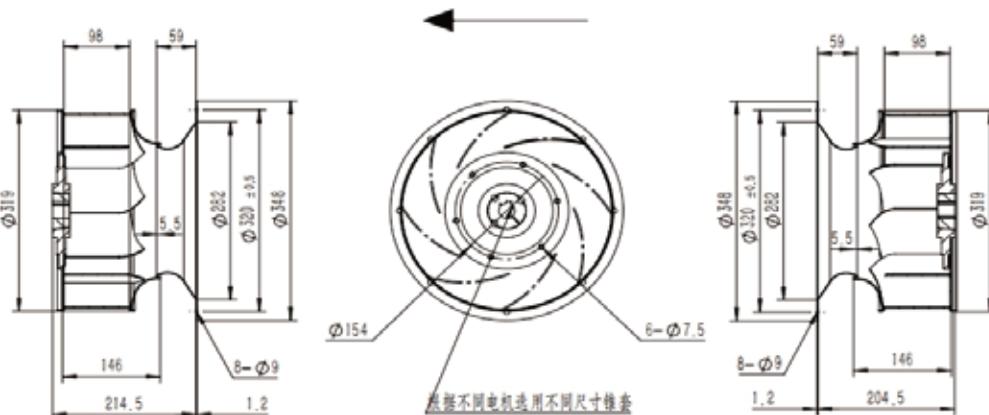
性能曲线 / Characteristic



技术资料 / Technical data

Motortype	n_N	P_N (kw)	I_N (A)
M71S	1750	0.37	0.91
M71L	2250	0.55	1.31
M80S	2500	0.75	1.7
M80L	2750	1.1	2.44
M90S	3250	1.5	3.37

结构图 / Construction



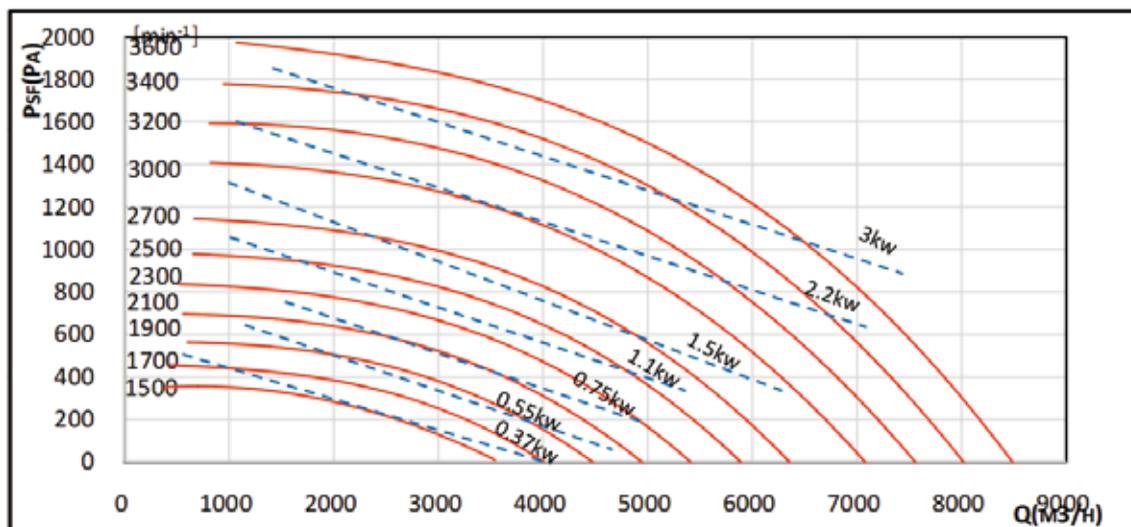
NCBH315-00000-110

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Aluminum

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 5.2kg

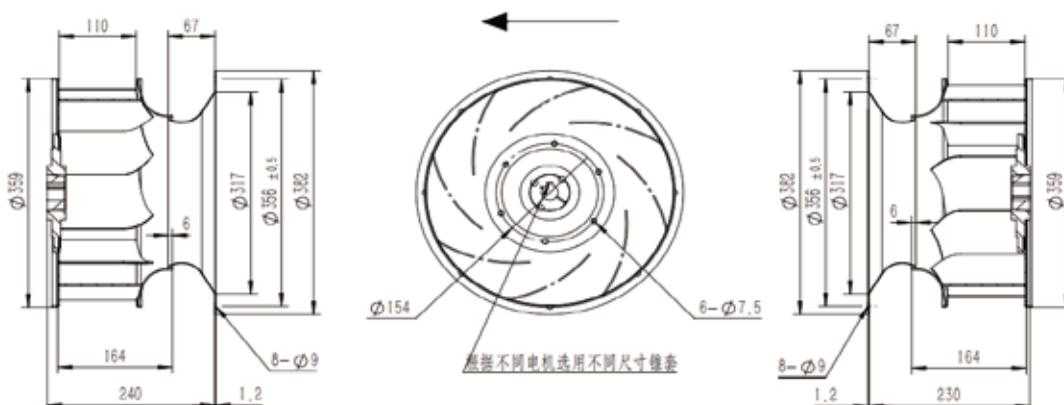
性能曲线 / Characteristic



技术资料 / Technical data

Motortype	n_N	P_N (kw)	I_N (A)
M71S	1500	0.37	0.91
M71L	1900	0.55	1.31
M80S	2100	0.75	1.7
M80L	2300	1.1	2.44
M90S	2500	1.5	3.37
M90L	3000	2.2	4.48

结构图 / Construction



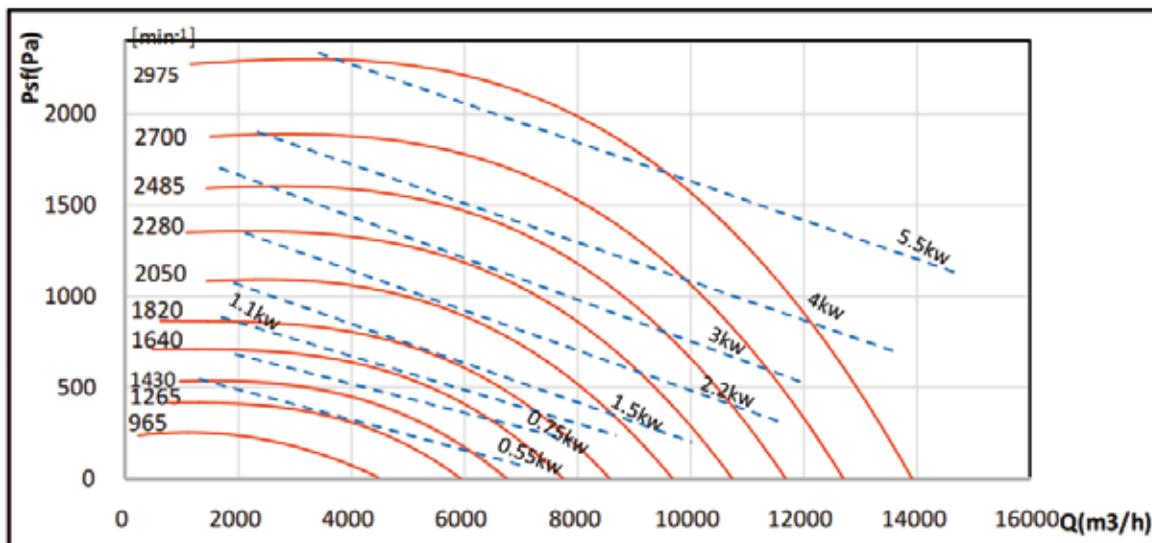
NCBH450-00000-138

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Aluminum

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 10.2kg

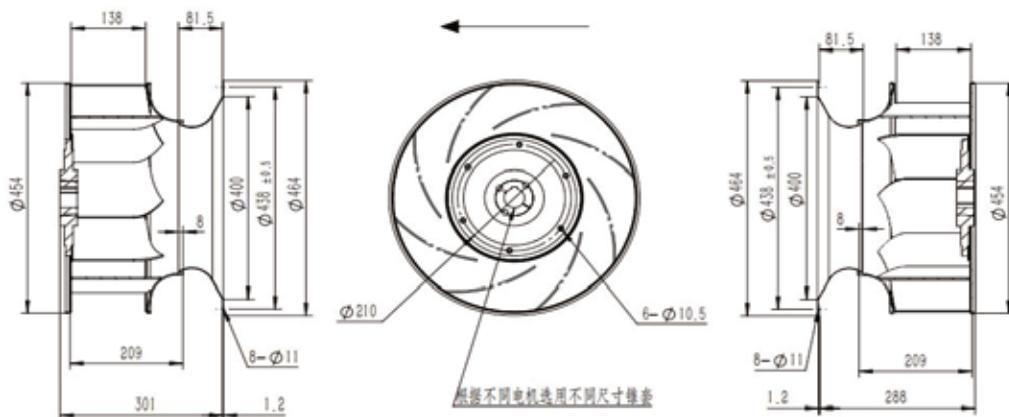
性能曲线 / Characteristic



技术资料 / Technical data

Motortype	n_N	P_N (kw)	I_N (A)
M90S	1640	1.1	2.54
M90L	1820	1.5	3.37
M100S	2050	2.2	4.48
M100L	2280	3	6.08
M112L	2485	4	7.96
M132S	2700	5.5	10.7

结构图 / Construction



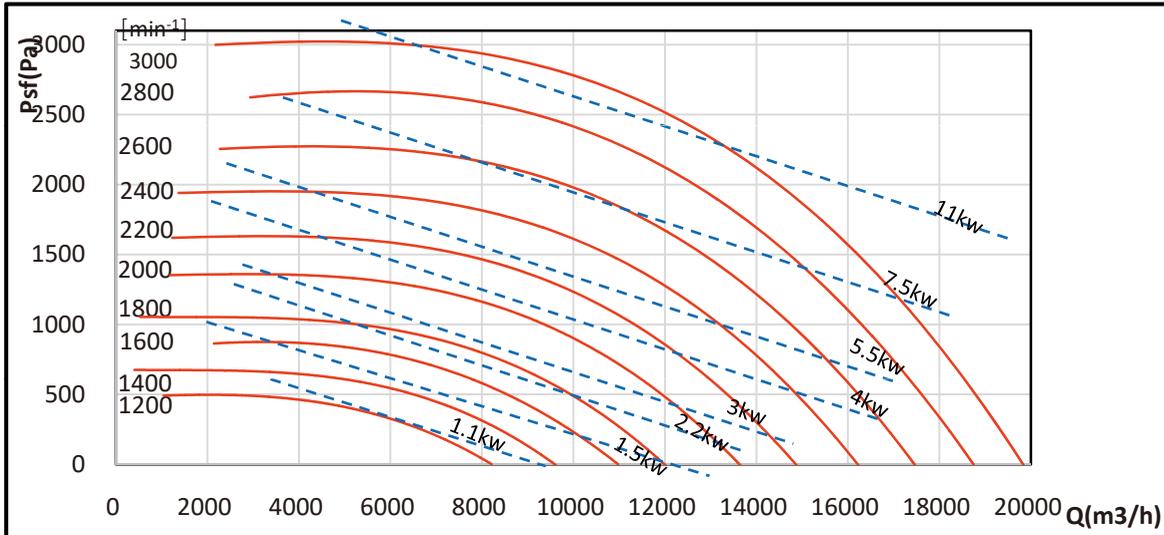
NCBH500-00000-155

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Aluminum

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 12.5kg

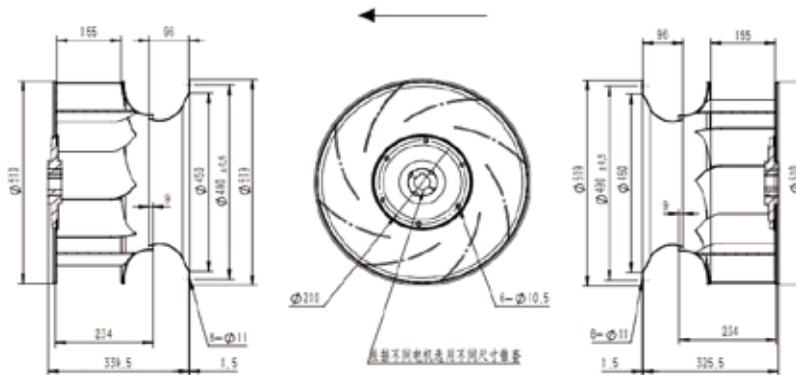
性能曲线 / Characteristic



技术资料 / Technical data

Motor type	n_1	P_N (kw)	I_N (A)
M80L	1200	1.1	2.44
M90S	1400	1.5	3.37
M90L	1600	2.2	4.48
M100L	1800	3	6.08
M112L	2000	4	7.89
M132S	2200	5.5	10.8
M132L	2600	7.5	14.5

结构图 / Construction



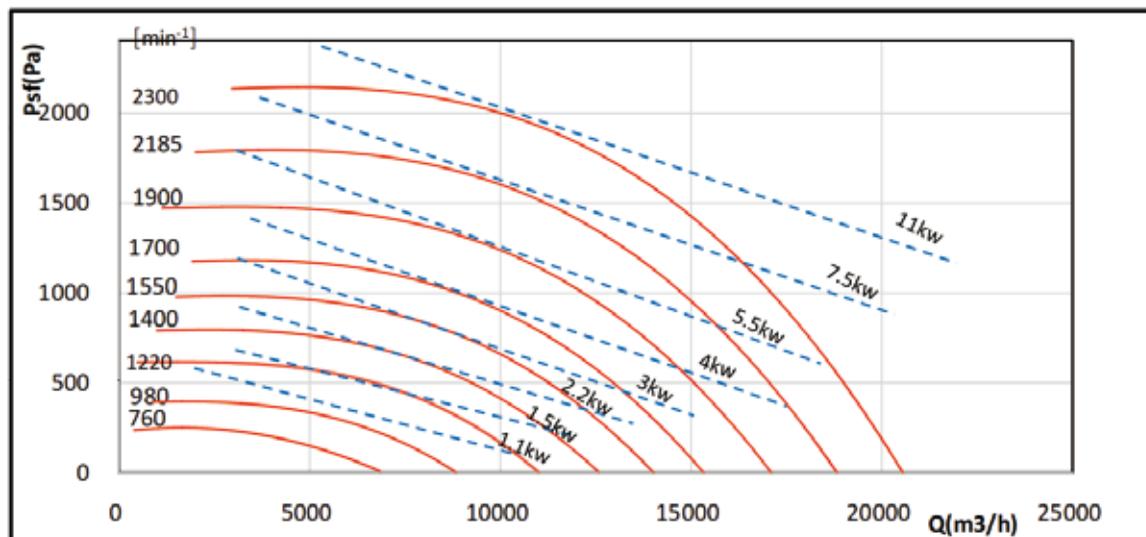
NCBH560-00000-155_

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Aluminum

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 13.7kg

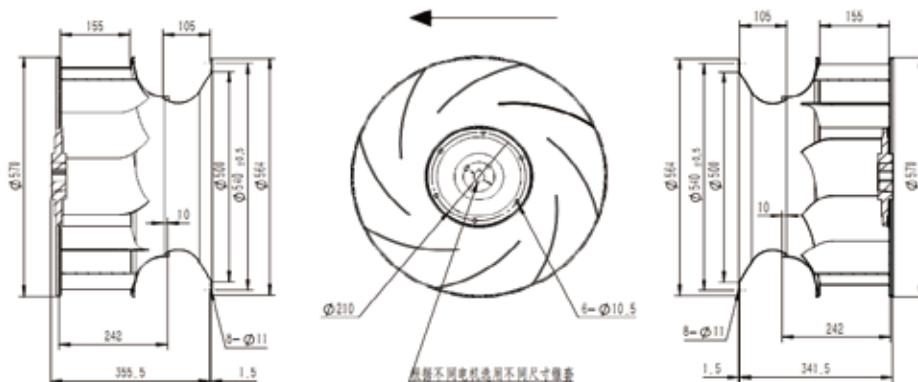
性能曲线 / Characteristic



技术资料 / Technical data

Motortype	n_N	P_N (kw)	I_N (A)
M90S	980	1.1	2.54
M90L	1220	1.5	3.37
M100S	1400	2.2	4.48
M100L	1550	3	6.08
M112L	1700	4	7.96
M132S	1900	5.5	10.7
M132S	2180	7.5	14.6

结构图 / Construction



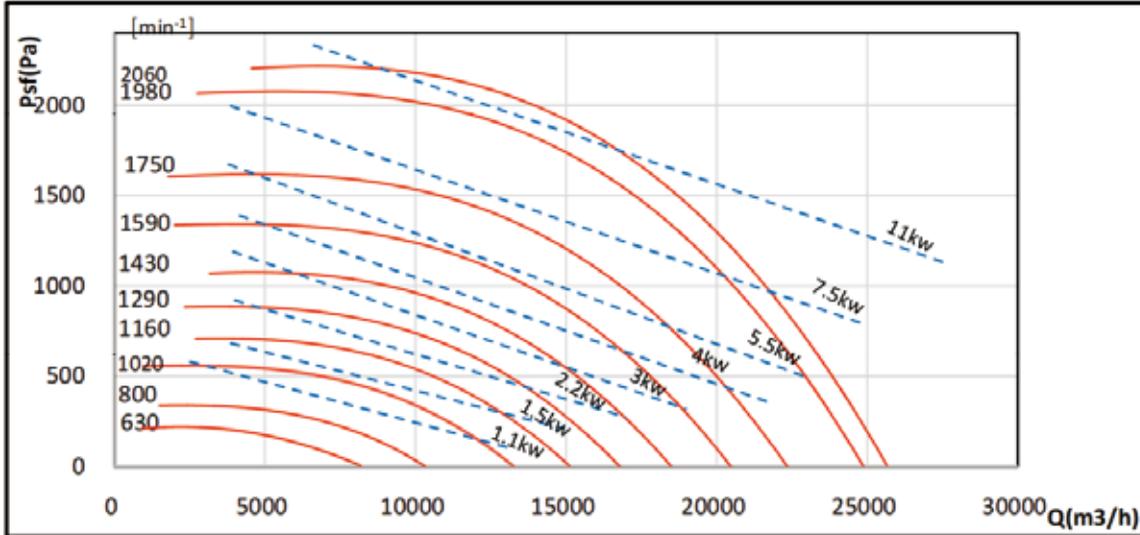
NCBH630-00000-180

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Aluminum

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 18.1kg

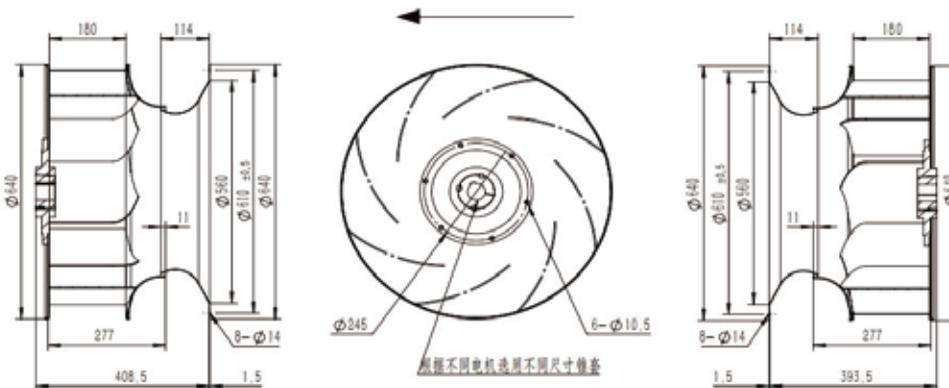
性能曲线 / Characteristic



技术资料 / Technical data

Motortype	n_N	P_N (kw)	I_N (A)
M90S	800	1.1	2.54
M90L	1020	1.5	3.37
M100S	1160	2.2	4.48
M100L	1290	3	6.08
M112L	1430	4	7.96
M132S	1590	5.5	10.7
M132S	1750	7.5	14.6

结构图 / Construction



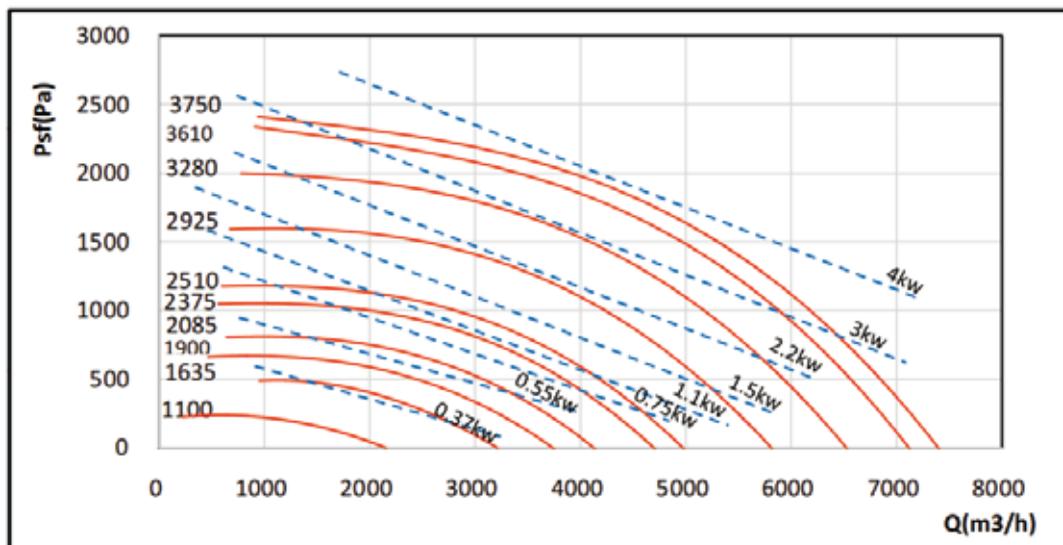
WCBH355-00000-098

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Steel

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 10.6kg

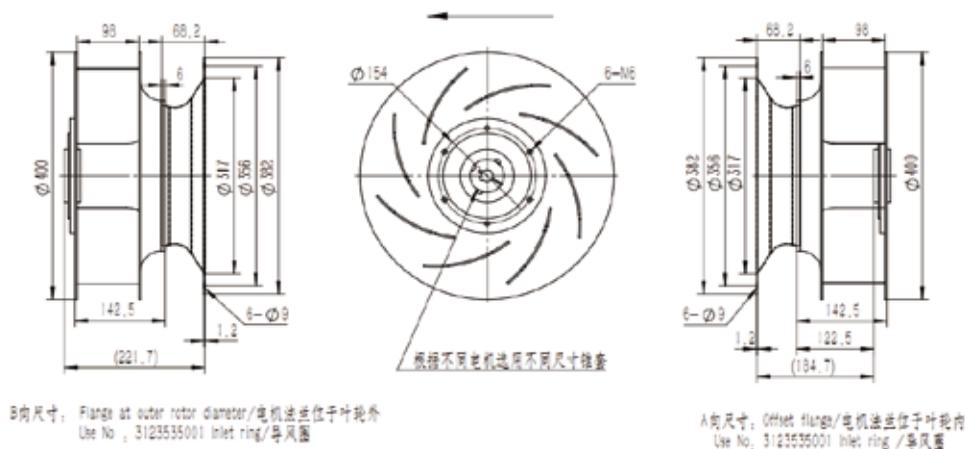
性能曲线 / Characteristic



技术资料 / Technical data

Motortype	n_N	P_N (kw)	I_N (A)
M80L	1650	0.55	1.4
M90S	2085	0.75	1.97
M100S	2925	2.2	4.9
M100L	3280	3	6.6

结构图 / Construction



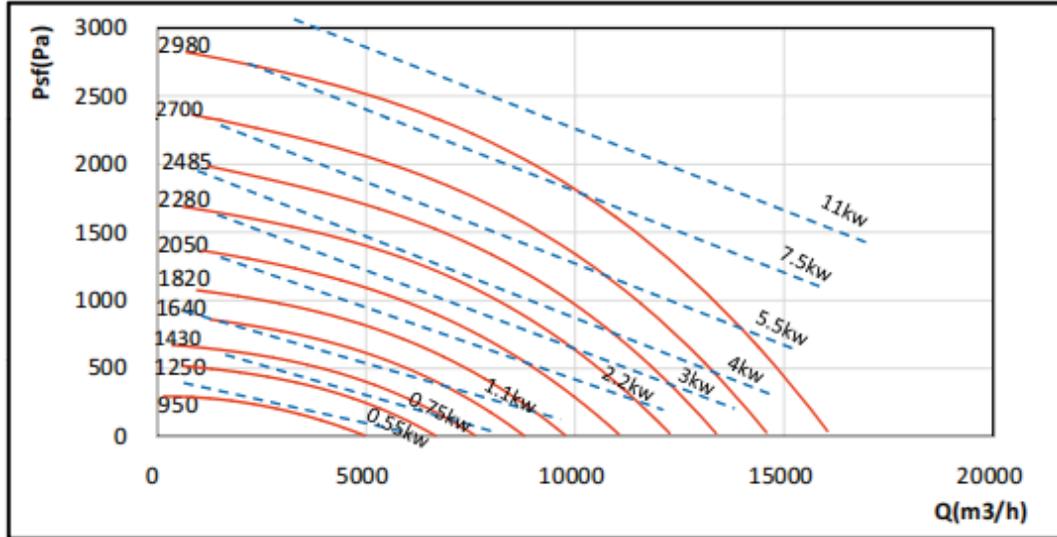
WCBH450-00000-100

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Steel

Min. permitted ambient temperature $t_a(\max)$: -25 °C
 Max. permitted ambient temperature $t_a(\max)$: 40 °C
 Insulation Class: F
 Weight: 15kg

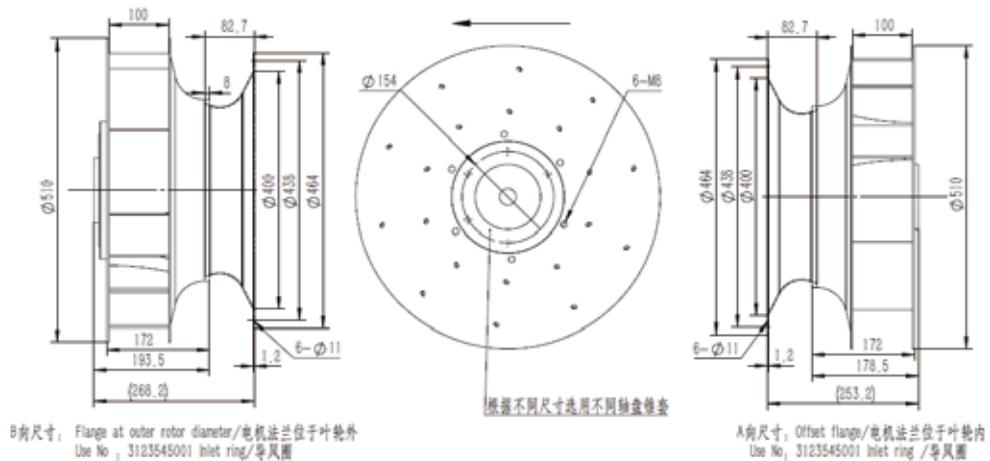
性能曲线 / Characteristic



技术资料 / Technical data

Motor type	n_N	P_N (kw)	I_N (A)
M80L	1430	1.1	0.91
M90S	1820	2.2	1.31
M132S	2485	5.5	1.7
M132L	2980	7.5	2.44

结构图 / Construction



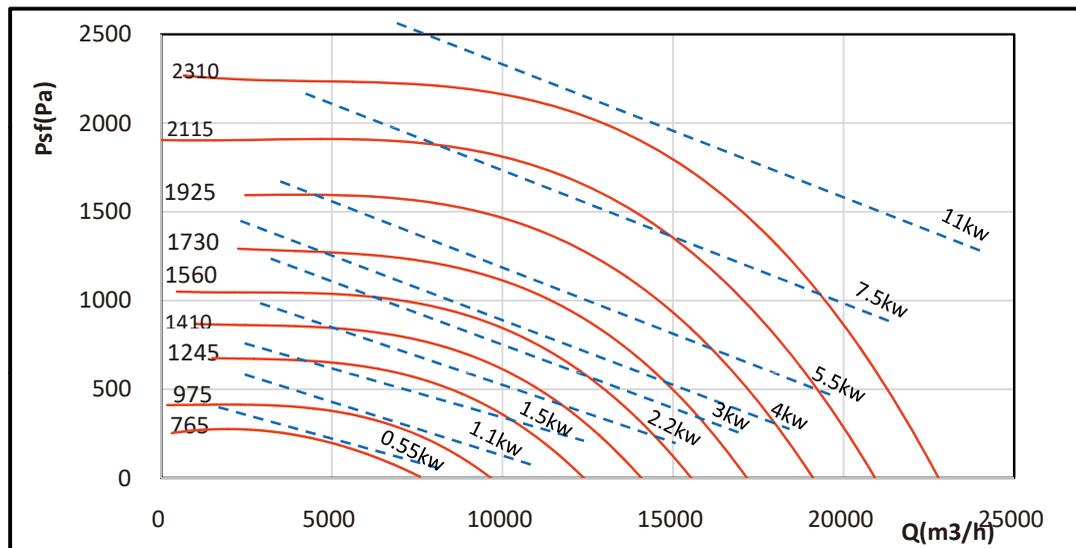
WCBH560-00000-165

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Steel

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 39kg

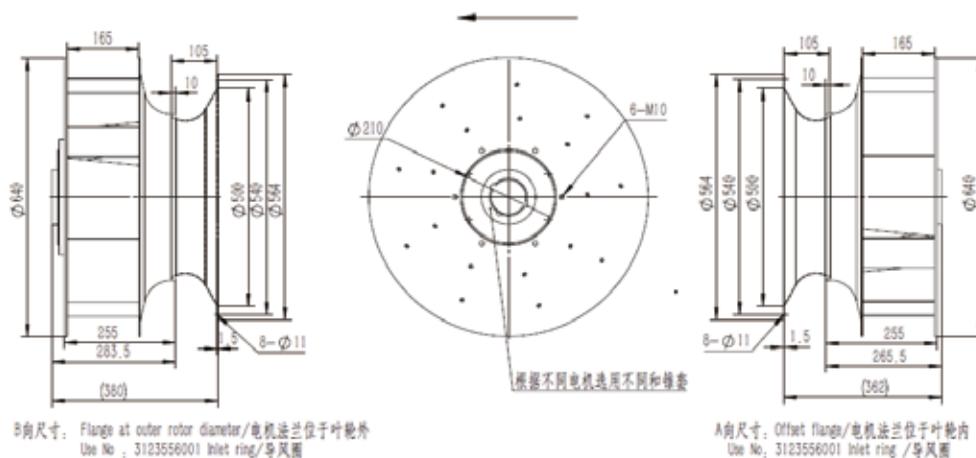
性能曲线 / Characteristic



技术资料 / Technical data

Motortype	η_N	P_N (kw)	I_N (A)
M90L	975	1.1	2.41
M100L	1410	2.2	5.75
M132S	1730	5.5	9.7
M132L	1925	7.5	12.5
M160L	2310	11	21.1

结构图 / Construction



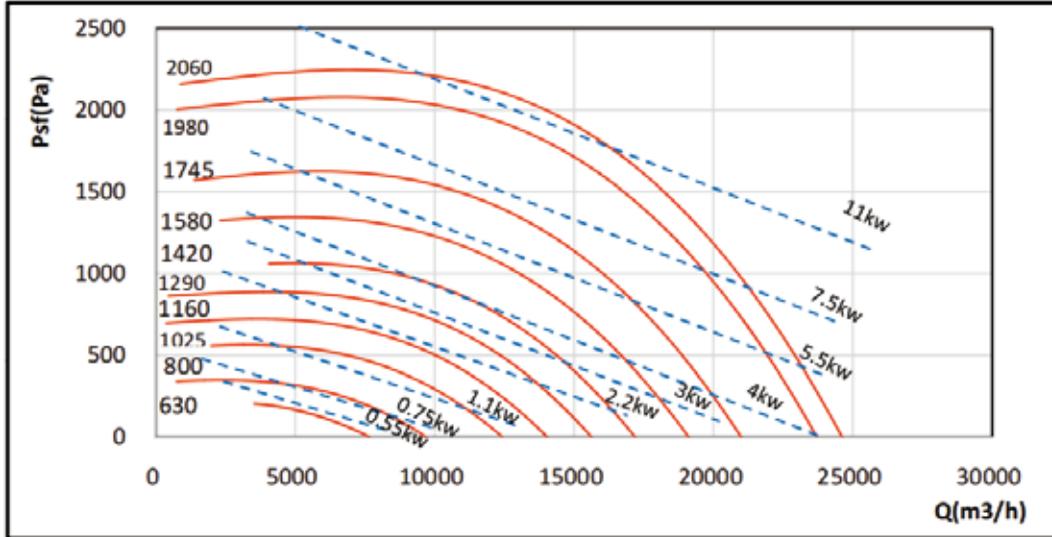
WCBH630-D_-180_

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Steel

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 47kg

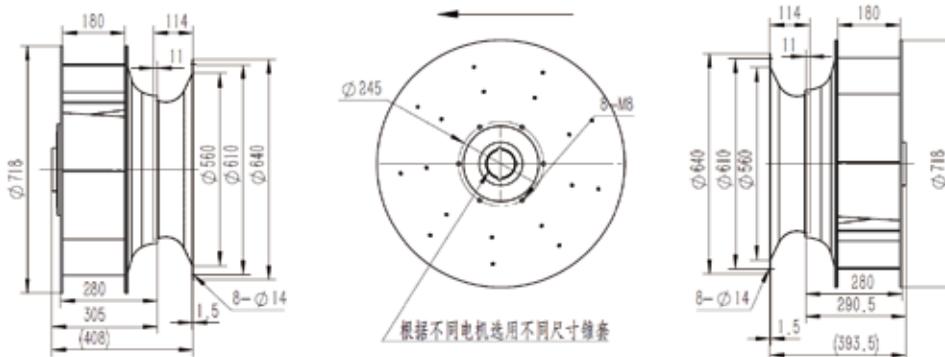
性能曲线 / Characteristic



技术资料 / Technical data

Motortype	n_N	P_N (kw)	I_N (A)
M90L	800	1.1	3.4
M90L	1160	2.2	5
M90S	1420	4	8
M132S	1745	7.5	16
M132L	2060	11	20

结构图 / Construction



B向尺寸: Flange at outer rotor diameter/电机法兰位于叶轮外
 Use No. 3123563001 Inlet ring/导风圈

A向尺寸: Offset flange/电机法兰位于叶轮内
 Use No. 3123563001 Inlet ring/导风圈

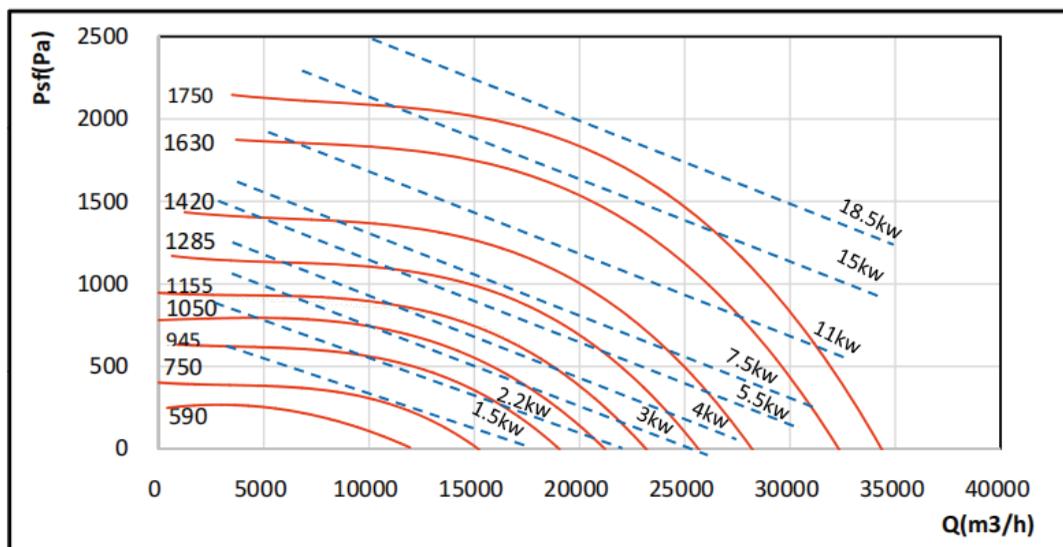
WCBH710-00000-205_

Performance data

Rated voltage U_N : 3~400V
 Rated frequency f_N : 50Hz
 Protection class: IP54
 Impeller: Steel

Min. permitted ambient temperature $t_R(\max)$: -25 °C
 Max. permitted ambient temperature $t_R(\max)$: 40 °C
 Insulation Class: F
 Weight: 4.9kg

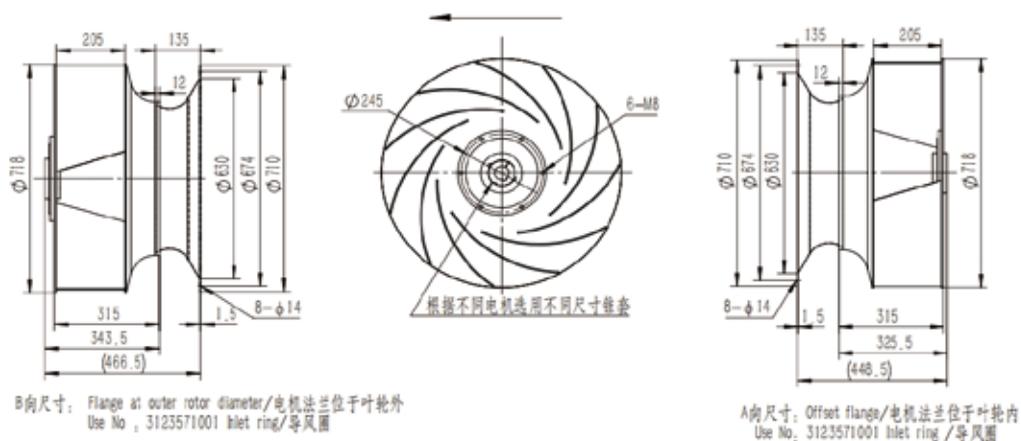
性能曲线 / Characteristic



技术资料 / Technical data

Motortype	n_N	P_N (kw)	I_N (A)
M90L	750	1.5	3.5
M100L	945	3	6.6
M132S	1285	7.5	16.2
M160S	1420	11	23.2
M160L	1630	15	30.3

结构图 / Construction



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