



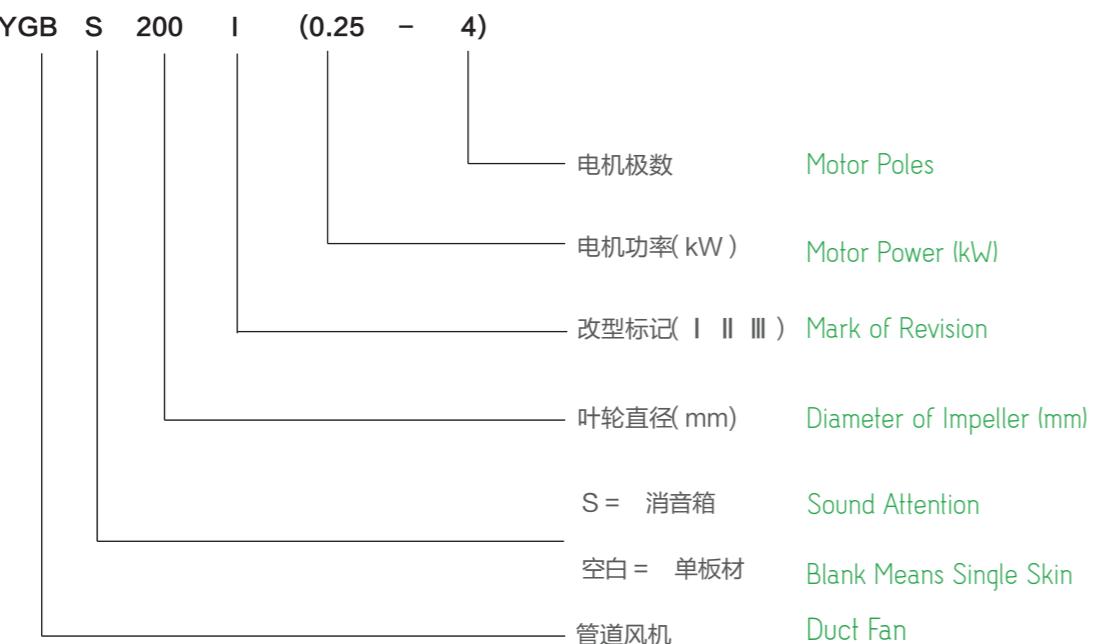
管道风机系列

YGB/YGBS 系列管道风机

概述

YGB 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



产品结构

YGB/YGBS 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

YGB 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。

YGBS 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。

Summary

The YGB series duct fan is built-in double inlet forward curve centrifugal fans. The fan is driven by YDW series external rotor motor. The YGB 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

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。

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. 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，并有足够的刚度与强度。YGBS 系列风机通过软连接连接风机出风口和法兰。YGB 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

YGB、YGBS 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 give the good appearance, of flanges and also make the flanges more strength and rigidity.

YGBS have a flexible connections between fan outlet and flange. YGB is a hard connection through the fan outlet and flange.

5. Electrical Connection

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

Construction of Product

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

1. Housing

YGB duct fan series is made of galvanized steel square pipe type, the pipe end and the air inlet side has a 20mm standard flange.

YGBS series fan aluminum tenon joint structure design, together with three high-quality silencer cotton board, effective at 15dB acoustic noise around.

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:

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

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:

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

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

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。

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: $L_{WA} \approx L_{WA2} - 6 \text{ dB}$

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:

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

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

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.

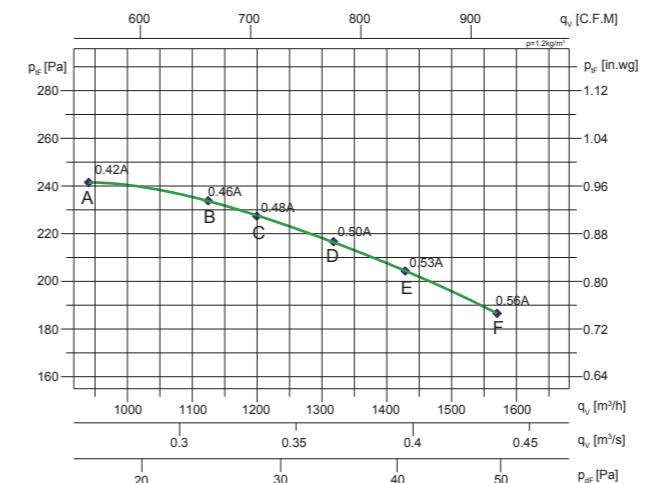
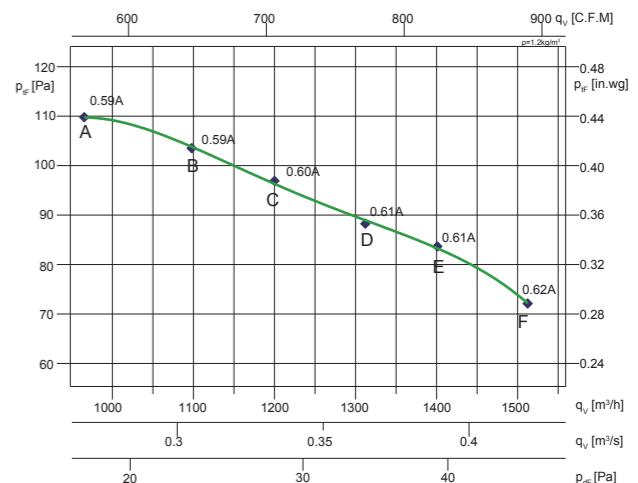
To avoid rigid conduction transfer to the duct system, we recommend to use the flexible duct connection.

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。

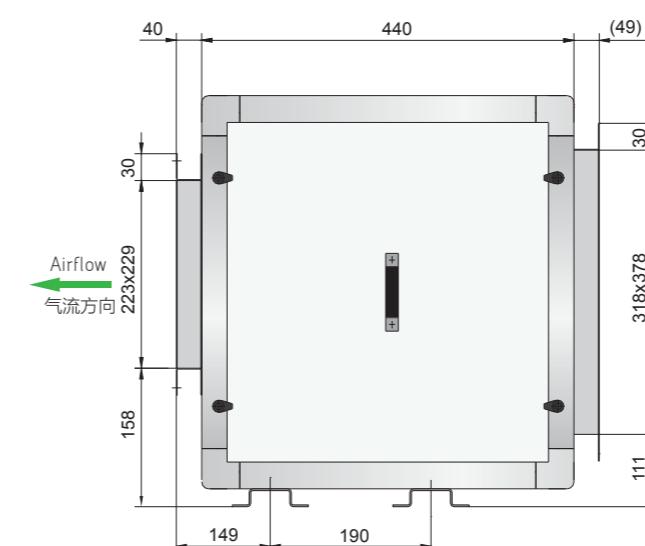
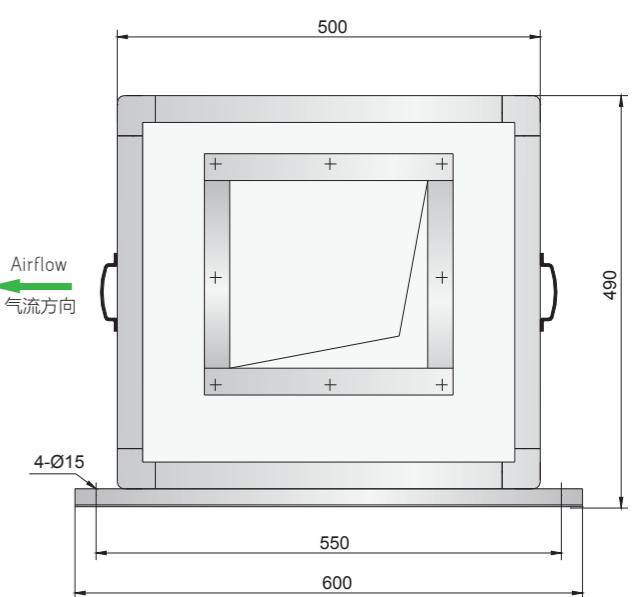
Instructions

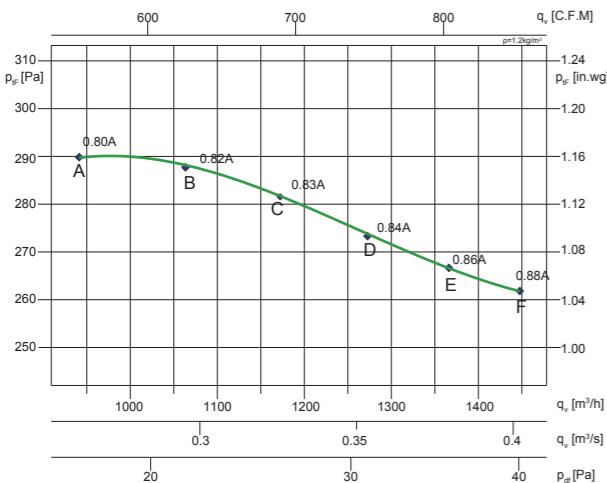
- 1) The motor power is calculated from the Bhp plus the safety factor, so to avoid the motor burn and damage, the fan shall not operate at type A condition. (i.e. free inlet, free outlet)
- 2) The fan performance in the catalog is tested under the rated motor speed, we can meet the actual requirement 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
YGB/YGBS 200 I 0.18kW-4P

Technical Data
YGB/YGBS 200 I 0.18kW-6P


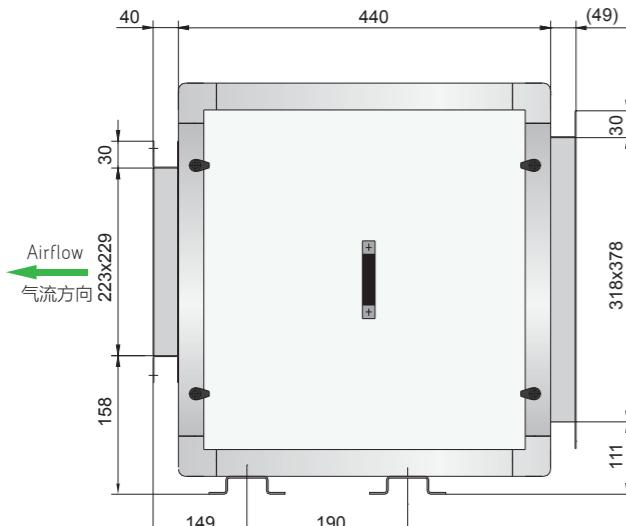
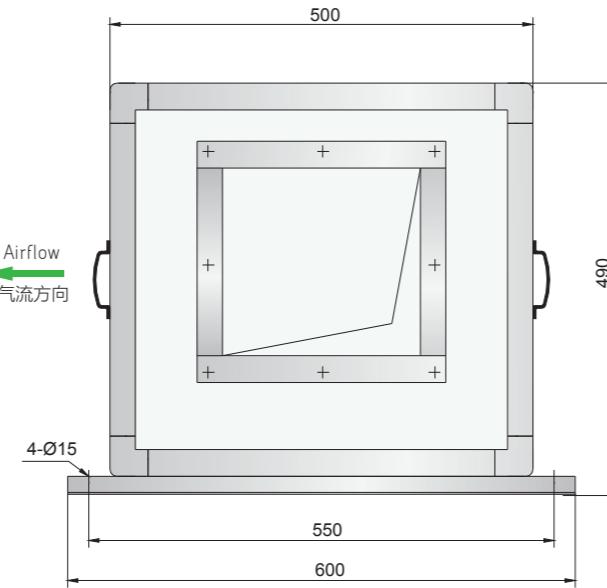
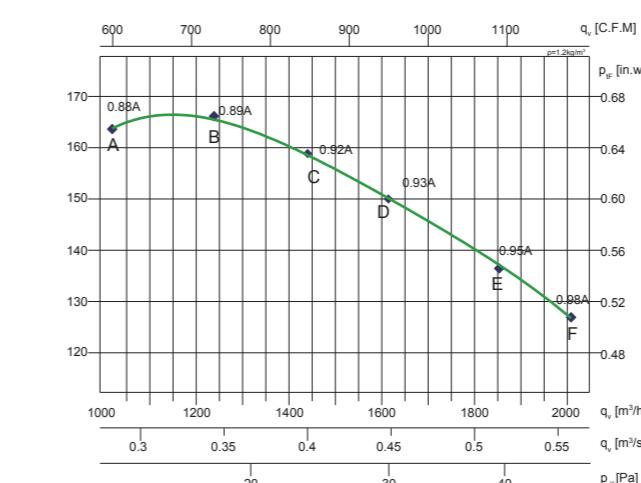
Type: YGB/YGBS 200 I	m:	15 kg	P _N :	0.18kW-4P				
	U:	380 v	f ₁ :	50HZ				
	I _N :	0.56 A	IP:	IP54				
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	55.2	62.9	64.5	69.6	66.0	64.1	55.5	73.2
B	53.8	62.0	65.9	71.1	67.5	66.0	57.8	74.6
C	54.1	63.0	67.0	74.6	69.3	68.1	60.5	77.1
D	54.1	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

Type: YGB/YGBS 200 I	m:	15 kg	P _N :	0.18kW-6P				
	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

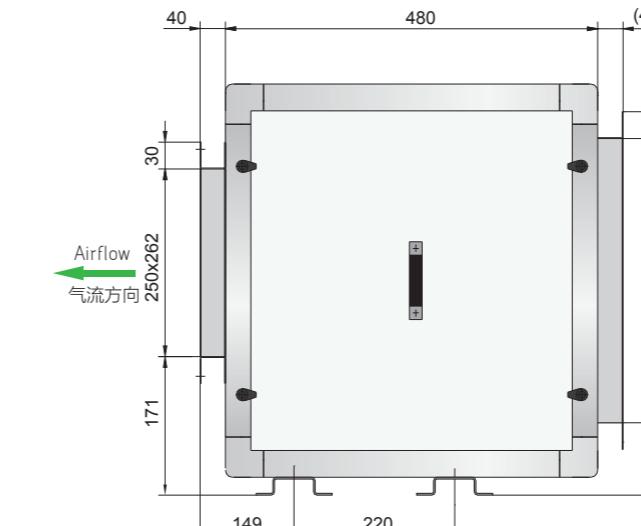
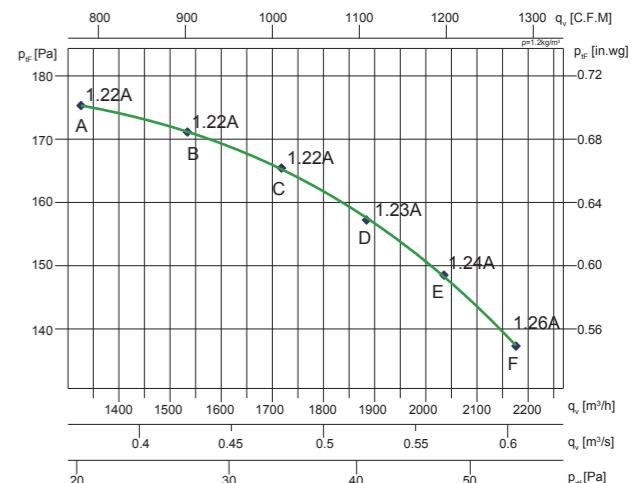
YGBS外形及安装尺寸

YGBS Overall Size


技术参数
Technical Data
YGB/YGBS 200 | 0.25KW-4P


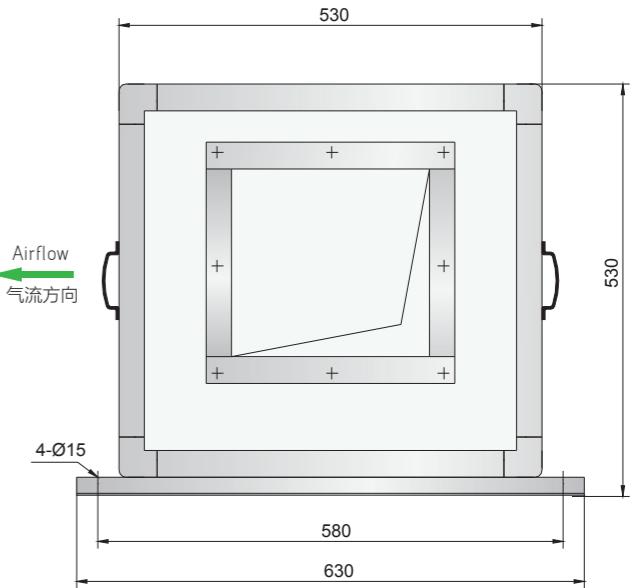
Type: YGB/YGBS 200	m: 15 kg	P_N : 0.25kW-4P
	U: 380 v	f ₁ : 50HZ
	I _N : 0.88 A	IP: IP54
Duty point	125Hz	250Hz
A	53.6	62.9
B	53.5	62.1
C	53.3	61.6
D	54.0	62.0
E	54.7	62.4
F	55.4	62.8

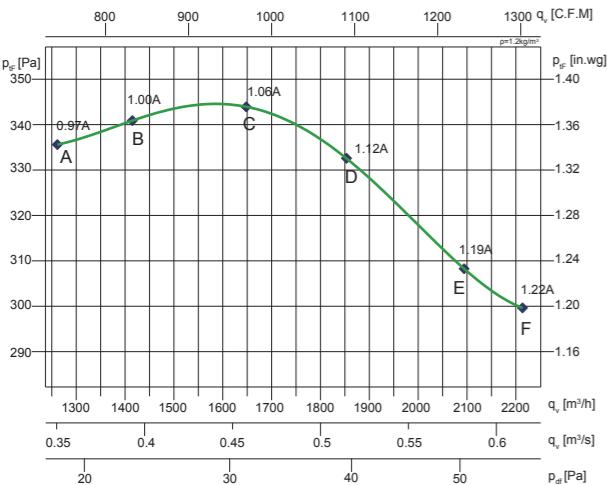
YGBS外形及安装尺寸

YGBS Overall Size

技术参数
YGB/YGBS 225 | 0.25KW-6P


Type: YGB/YGBS 225	m: 17.6 kg	P_N : 0.25kW-6P
	U: 380 v	f ₁ : 50HZ
	I _N : 1.04 A	IP: IP54
Duty point	125Hz	250Hz
A	51.4	60.0
B	52.5	61.6
C	52.1	62.9
D	53.5	64.9
E	55.1	66.6
F	56.8	67.9

YGBS外形及安装尺寸

YGB/YGBS 225 | 0.32KW-6P


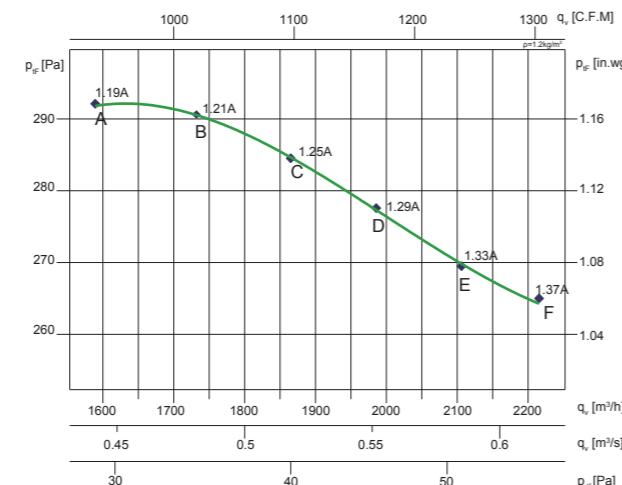
Type: YGB/YGBS 225	m: 18.9 kg	P_N : 0.32kW-6P
	U: 380 v	f ₁ : 50HZ
	I _N : 1.29 A	IP: IP54
Duty point	125Hz	250Hz
A	52.1	61.2
B	51.8	62.5
C	53.1	64.6
D	54.8	66.3
E	56.4	67.6
F	57.6	68.8

YGBS Overall Size


技术参数
YGB/YGBS 225 I 0.37KW-4P


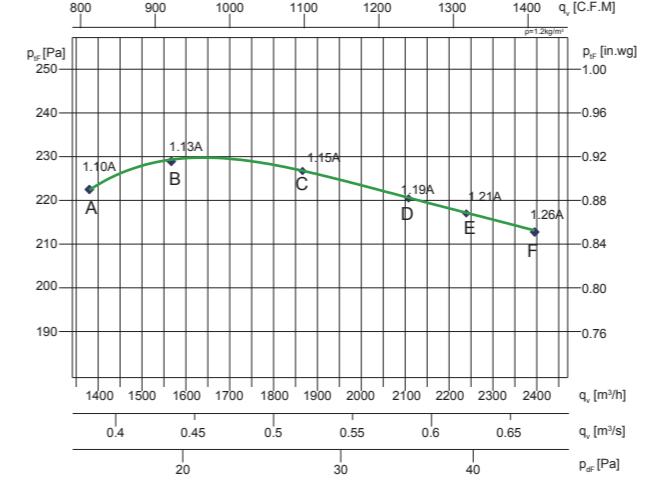
Type: YGB/YGBS 225 I	m: 17.9 kg	P _N : 0.37kW-4P
	U: 380 v	f ₁ : 50HZ
	I _N : 1.21 A	IP: IP54

Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} 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

Technical Data
YGB/YGBS 225 I 0.45KW-4P


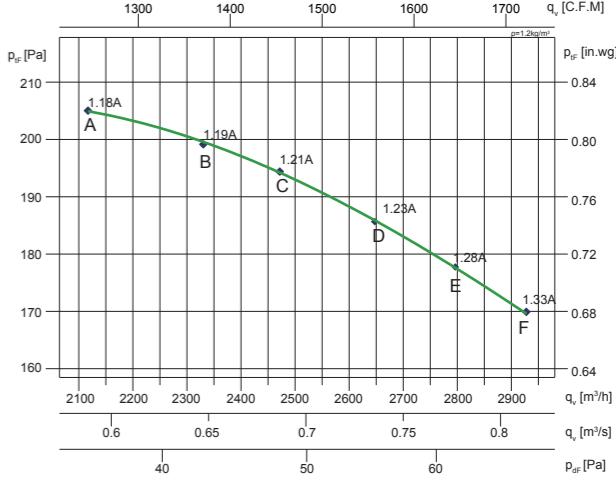
Type: YGB/YGBS 225 I	m: 18.85 kg	P _N : 0.45kW-4P
	U: 380 v	f ₁ : 50HZ
	I _N : 1.36 A	IP: IP54

Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} 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

技术参数
YGB/YGBS 250 I 0.32KW-6P


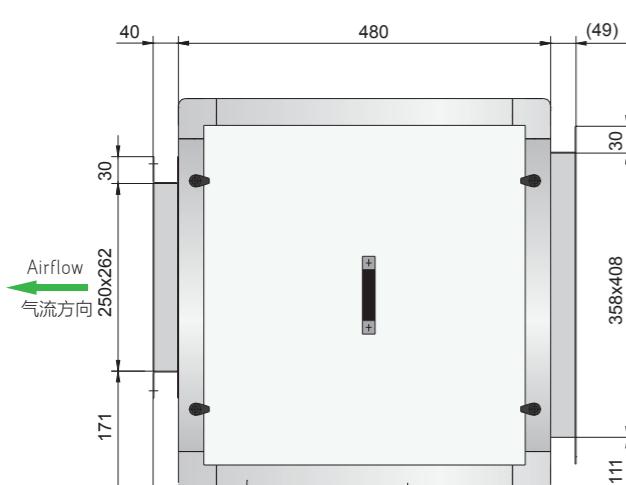
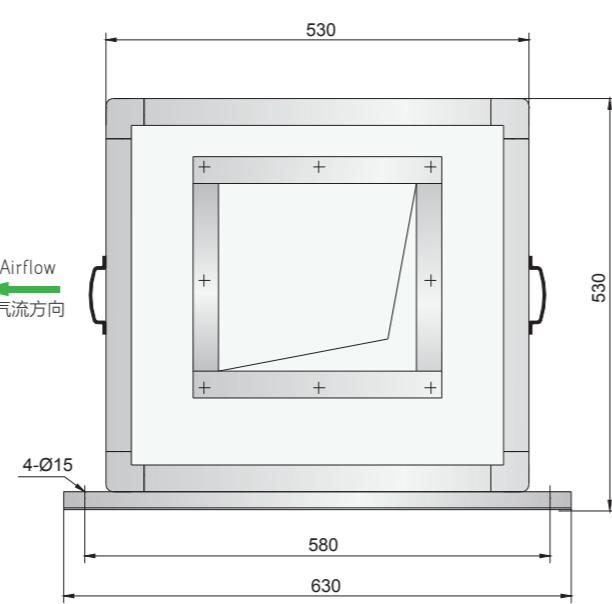
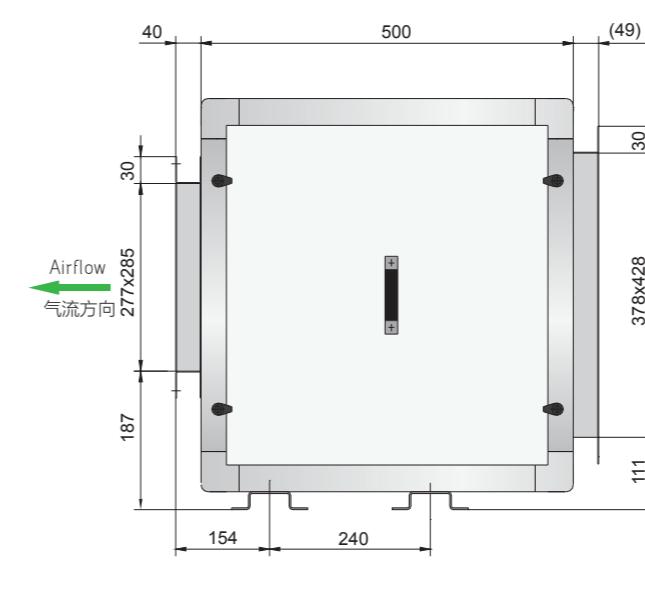
Type: YGB/YGBS 250 I	m: 20.4 kg	P _N : 0.32kW-6P
	U: 380 v	f ₁ : 50HZ
	I _N : 1.29 A	IP: IP54

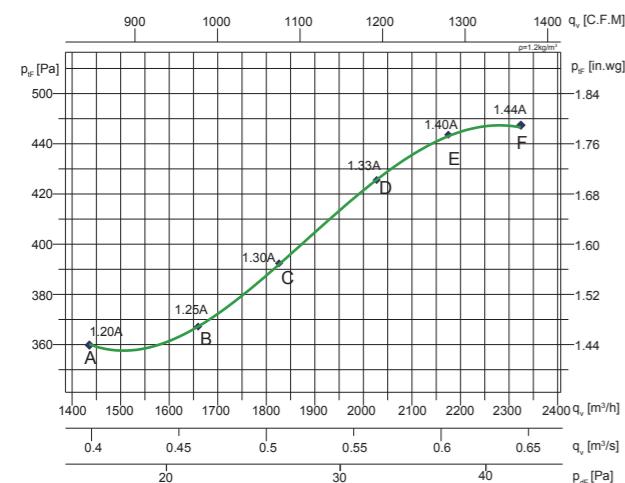
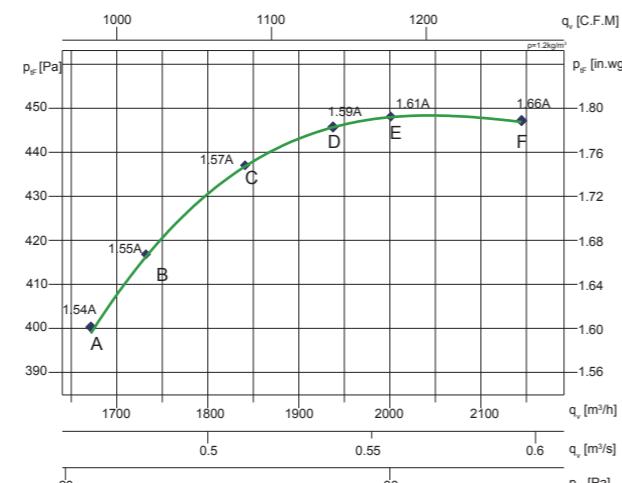
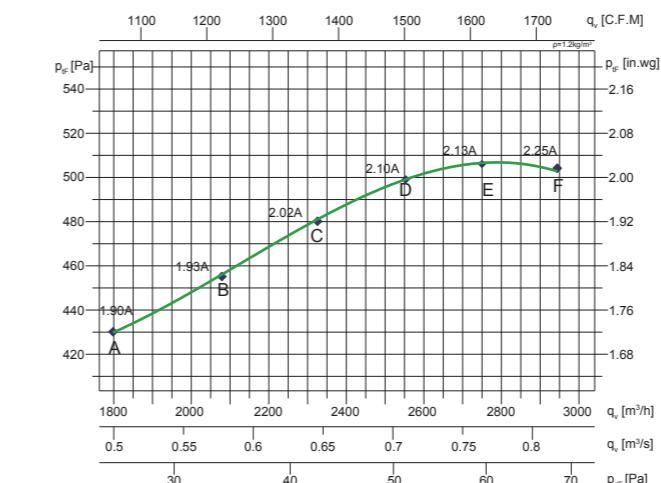
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	56.5	62.9	64.1	69.1	63.8	60.9	50.0	72.3
B	54.2	62.7	65.2	69.7	65.7	63.7	53.2	73.3
C	55.2	63.2	65.9	70.3	66.9	65.3	55.5	74.1
D	55.9	63.9	66.7	71.5	67.7	66.3	57.1	75.1
E	57.5	65.1	67.9	72.5	69.6	68.4	60.2	76.5
F	57.4	65.4	68.7	73.4	70.5	69.5	61.6	77.4

Technical Data
YGB/YGBS 250 I 0.37KW-6P


Type: YGB/YGBS 250 I	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 _{WA} 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

YGBS外形及安装尺寸

YGBS Overall Size

YGBS外形及安装尺寸


技术参数
YGB/YGBS 250 | 0.45KW-4P

Technical Data
YGB/YGBS 250 | 0.55KW-4P

技术参数
YGB/YGBS 250 | 0.8KW-4P

Technical Data

Type: YGB/YGBS 250	m: 20.35 kg	$P_N: 0.45\text{kW-4P}$
	U: 380 v	$f_1: 50\text{Hz}$
	$I_N: 1.42 \text{ A}$	IP: IP54

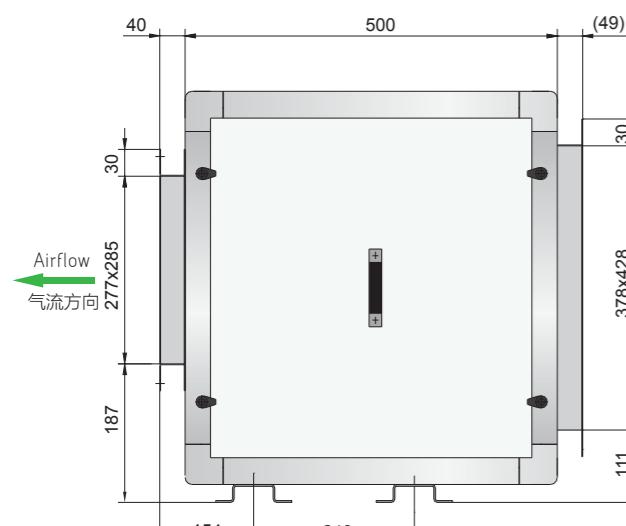
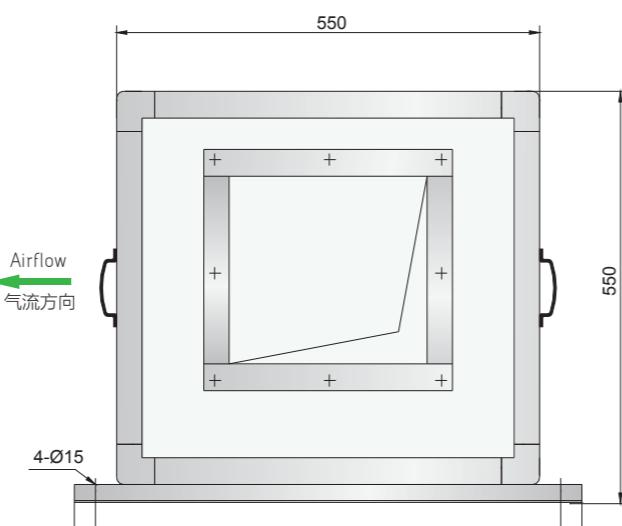
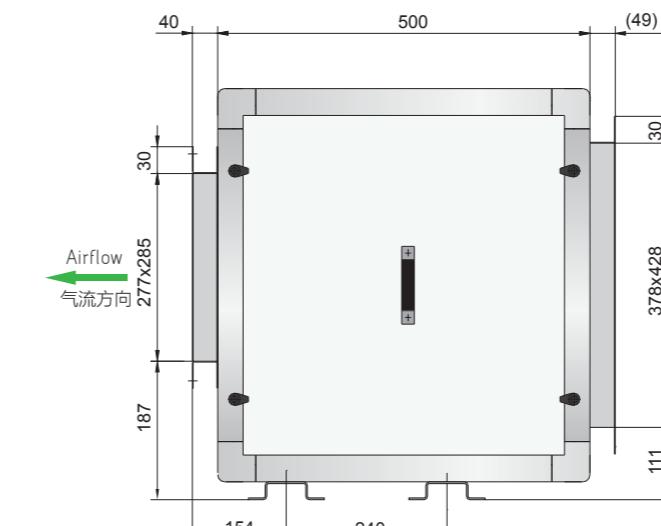
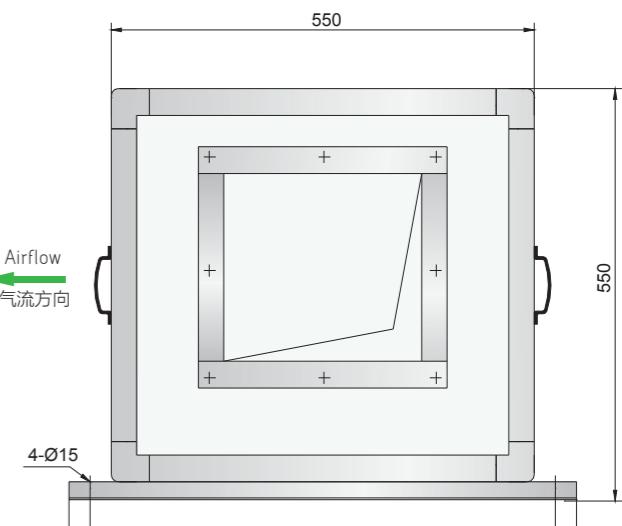
Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	$L_{WA} \text{dB (A)}$
A	60.3	69.1	71.4	76.3	73.9	72.9	65.6	80.5
B	54.9	68.9	71.2	75.3	73.8	72.6	65.2	80.0
C	60.7	69.1	70.6	74.8	72.8	71.7	64.0	79.4
D	61.3	69.3	70.6	74.2	72.5	71.4	63.6	79.1
E	63.3	70.1	70.6	73.9	72.1	70.9	63.0	79.0
F	64.2	70.5	70.7	73.5	71.6	70.1	62.0	78.7

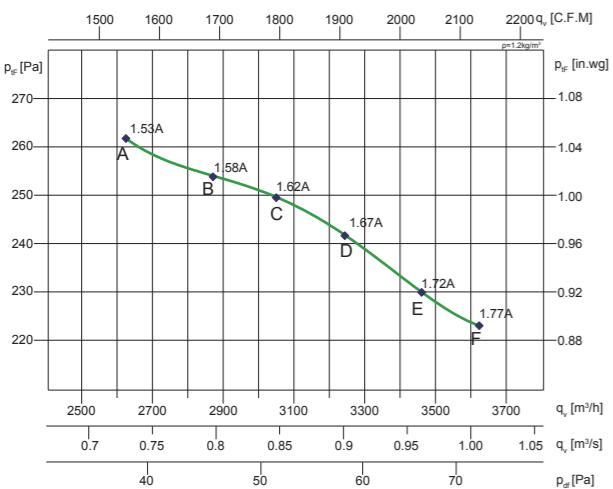
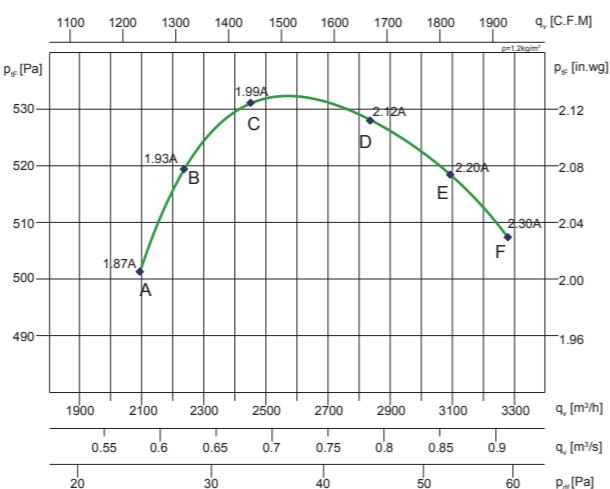
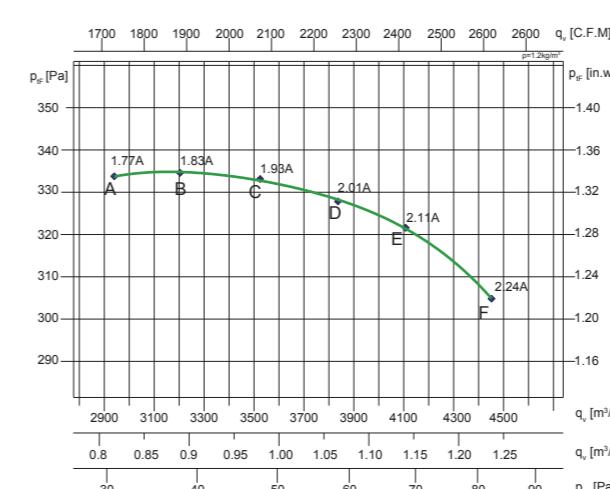
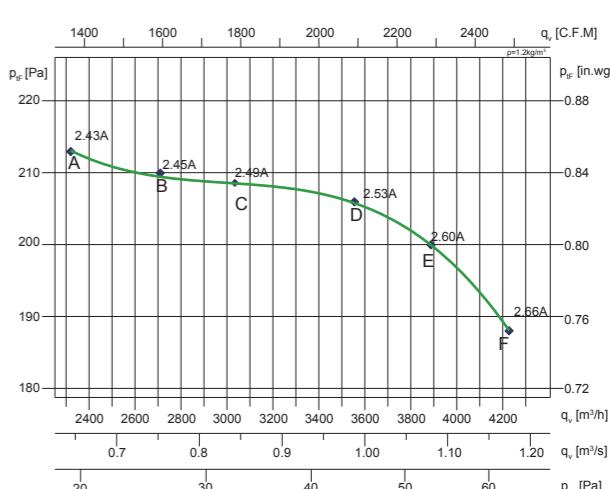
Type: YGB/YGBS 250	m: 21.5 kg	$P_N: 0.55\text{kW-4P}$
	U: 380 v	$f_1: 50\text{Hz}$
	$I_N: 1.68 \text{ A}$	IP: IP54

Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	$L_{WA} \text{dB (A)}$
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

Type: YGB/YGBS 250	m: 23.65 kg	$P_N: 0.8\text{kW-4P}$
	U: 380 v	$f_1: 50\text{Hz}$
	$I_N: 2.31 \text{ A}$	IP: IP54

Duty point	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	$L_{WA} \text{dB (A)}$
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

YGBS外形及安装尺寸

YGBS Overall Size

YGBS外形及安装尺寸

YGBS Overall Size


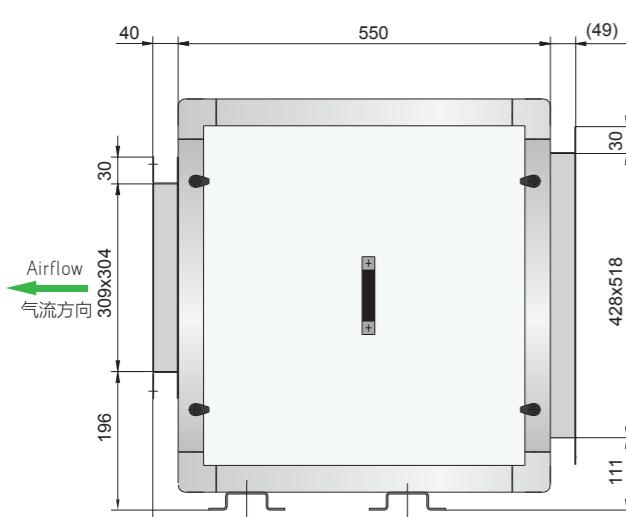
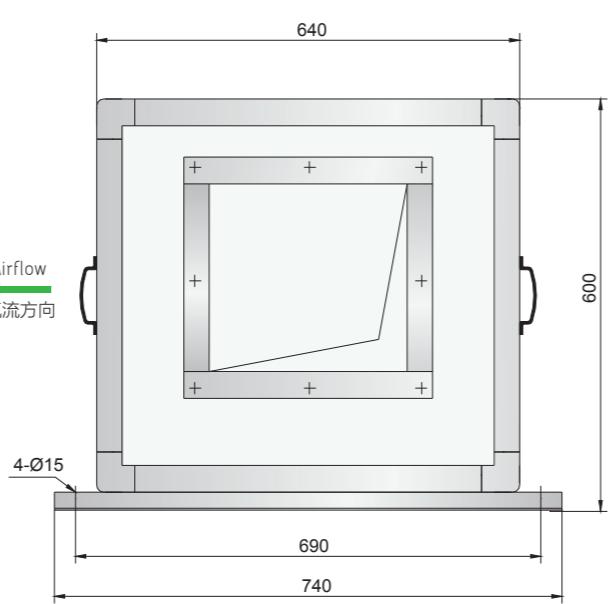
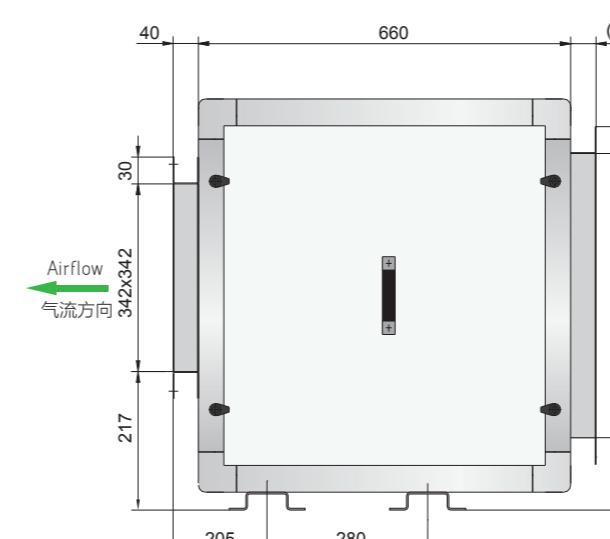
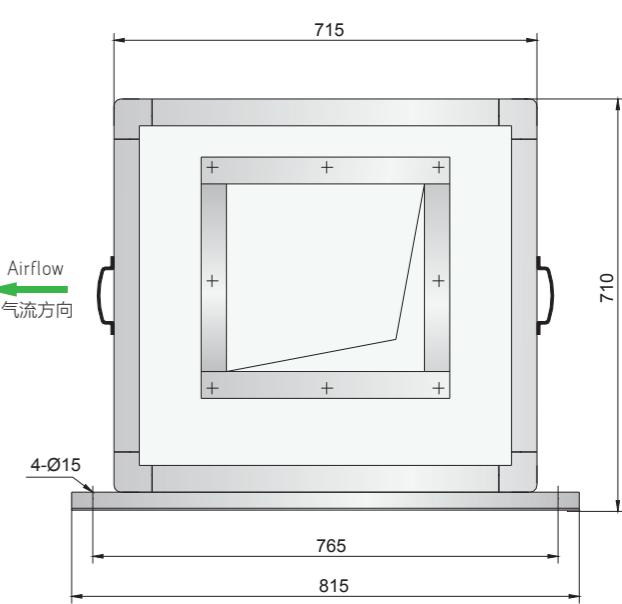
技术参数
YGB/YGBS 280 | 0.55KW-6P

Technical Data
YGB/YGBS 280 | 0.8KW-4P

技术参数
YGB/YGBS 315 |
Technical Data
YGB/YGBS 315 | 0.8KW-6P

YGB/YGBS 315 | 0.8KW-8P


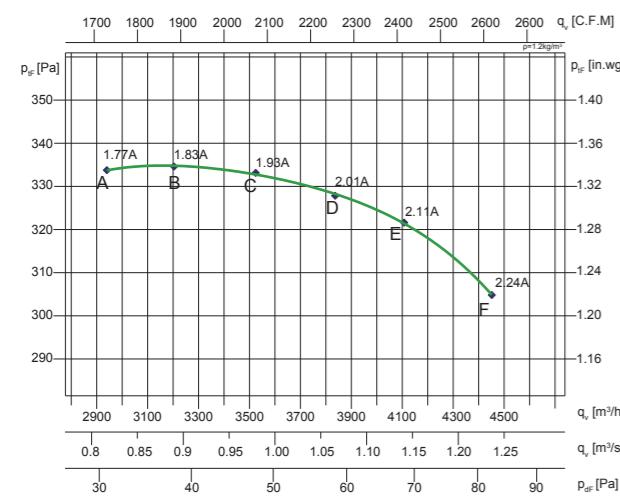
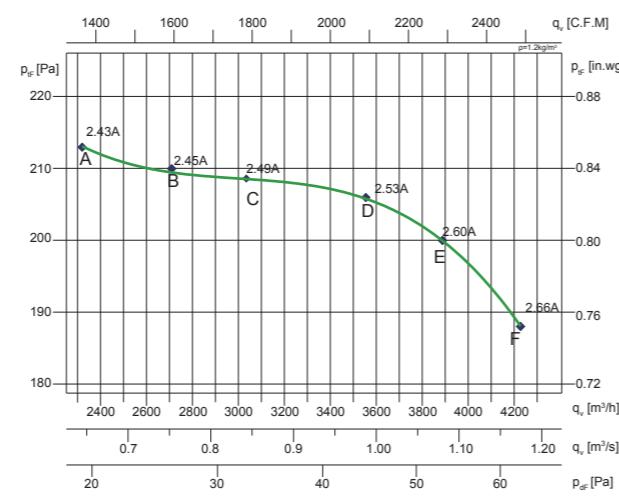
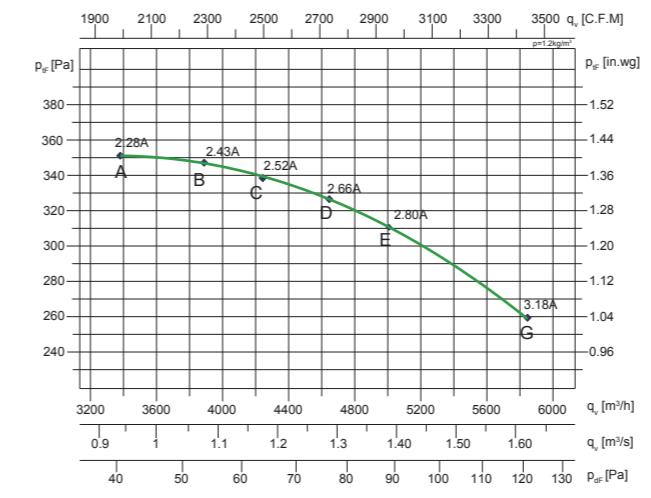
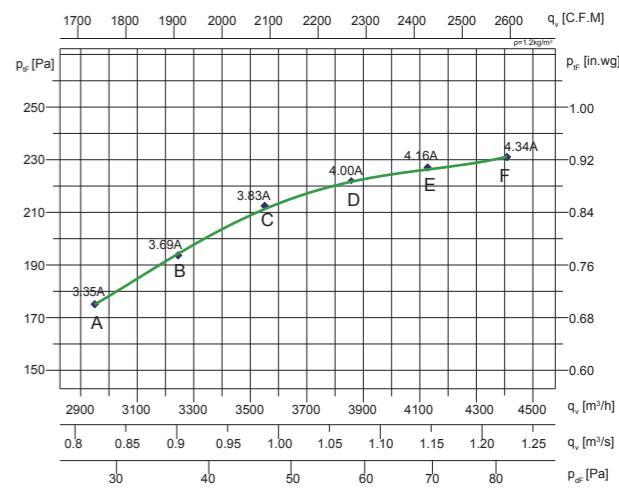
Type: YGB/YGBS 280	m: 24 kg	$P_N: 0.55\text{kW}-6\text{P}$				
U: 380 v	$f_1: 50\text{Hz}$					
$I_N: 1.83 \text{ A}$	IP: IP54					
Duty point						
A	125Hz	250Hz				
A	56.6	63.8				
B	56.2	64.5				
C	58.0	64.8				
D	58.8	66.4				
E	59.6	67.1				
F	59.6	68.0				
500Hz 1kHz 2kHz 4kHz 8kHz L_{WA} dB (A)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

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

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

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

YGBS外形及安装尺寸

YGBS Overall Size

YGBS外形及安装尺寸

YGBS Overall Size


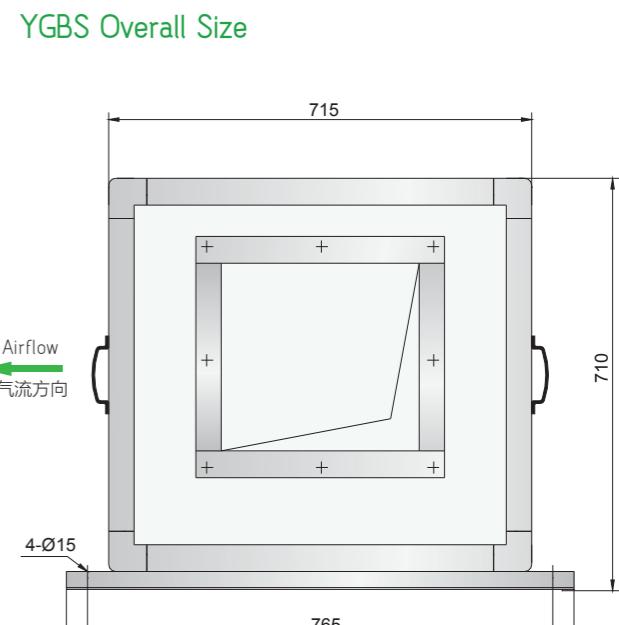
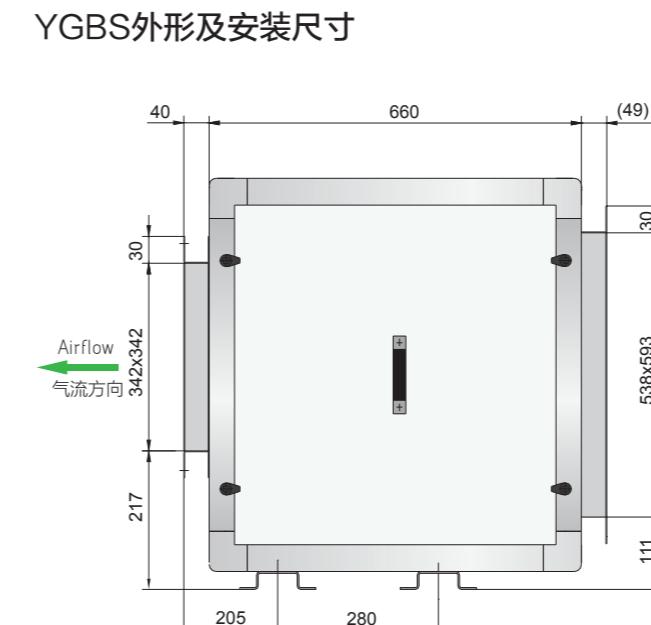
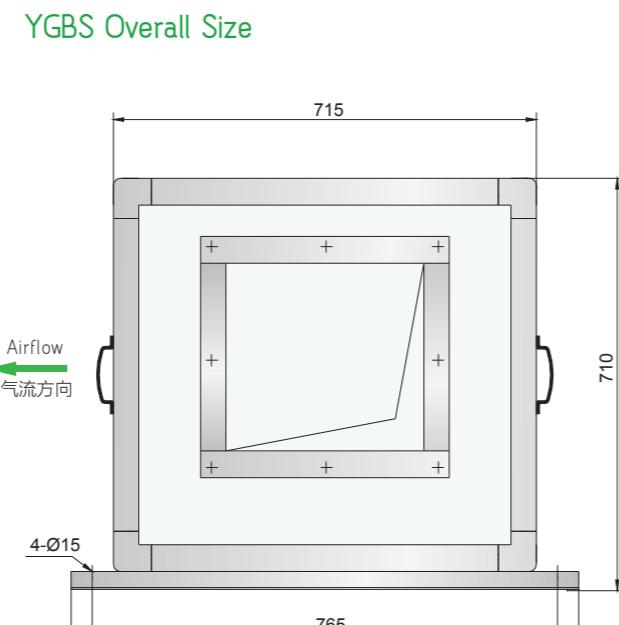
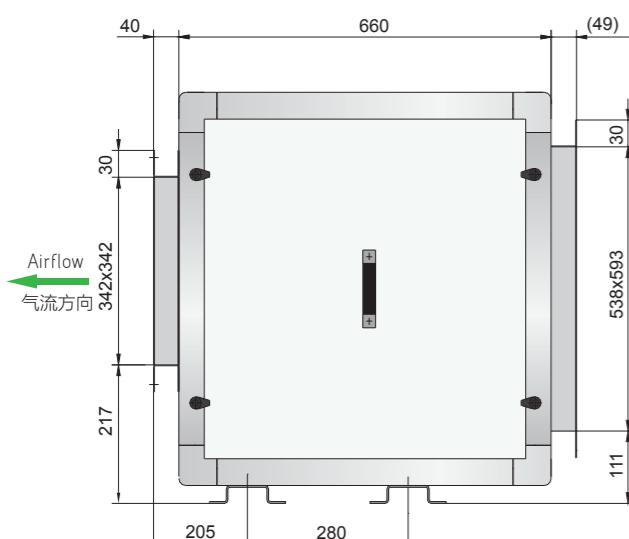
技术参数
YGB/YGBS 315 | 0.8KW-6P

Technical Data
YGB/YGBS 315 | 0.8KW-8P

技术参数
YGB/YGBS 315 | 1.1KW-6P

Technical Data
YGB/YGBS 315 | 1.8KW-4P

管道风机系列

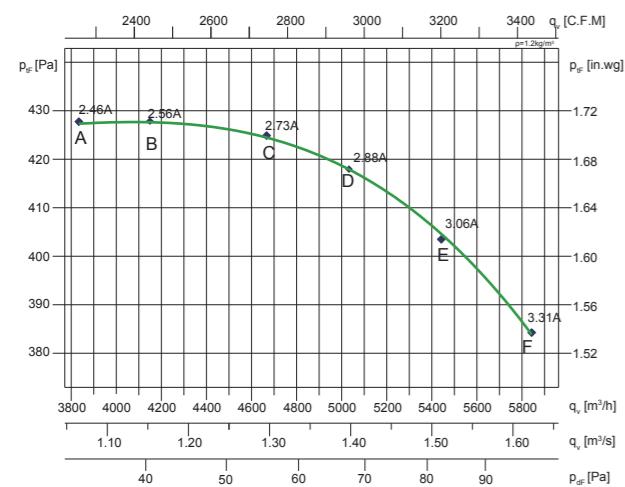
Type: YGB/YGBS 315	m: 42.2 kg	P _N : 0.8kW-6P						
U: 380 v	f _i : 50HZ							
I _N : 2.35 A	IP: IP54							
Duty point								
125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)	
A	61.3	67.5	68.6	68.7	66.1	65.3	61.2	74.9
B	60.7	68.8	71.1	70.7	68.1	67.4	61.8	76.7
C	60.2	69.1	72.2	72.0	69.4	68.8	62.5	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

Type: YGB/YGBS 315	m: 43.8 kg	P _N : 0.8kW-8P						
U: 380 v	f _i : 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

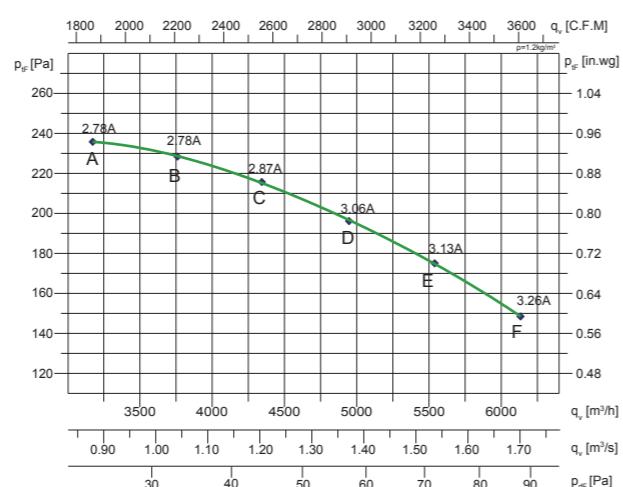
Type: YGB/YGBS 315	m: 43.8 kg	P _N : 1.1kW-6P						
U: 380 v	f _i : 50HZ							
I _N : 3.3 A	IP: IP54							
Duty point								
125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)	
A	61.5	67.2	69.9	70.0	67.5	66.7	61.9	75.8
B	61.2	69.2	71.5	71.2	68.6	67.9	62.3	77.2
C	60.7	69.6	72.6	72.4	69.9	69.3	62.9	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: YGB/YGBS 315	m: 46.7 kg	P _N : 1.8kW-4P						
U: 380 v	f _i : 50HZ							
I _N : 4.47 A	IP: IP54							
Duty point								
125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)	
A	59.3	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

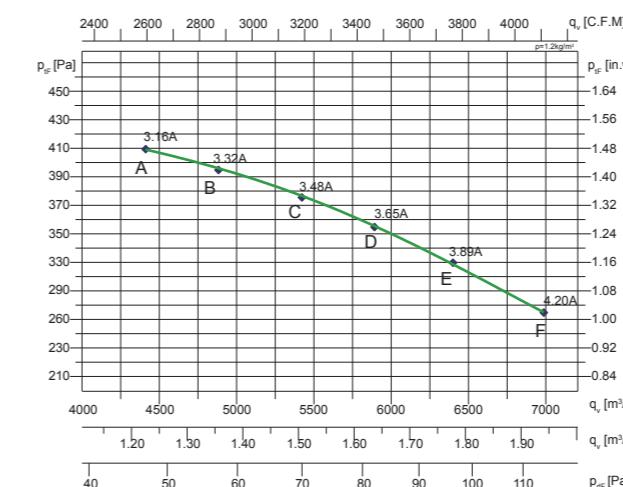
YGBS外形及安装尺寸


技术参数
YGB/YGBS 355 I 1.1KW-6P


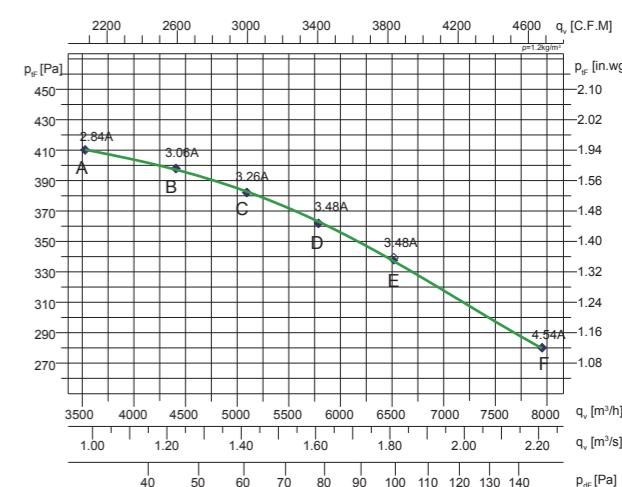
Type: YGB/YGBS 355 I		m: 46.8 kg	P_N : 1.1kW-6P
		U: 380 v	f ₁ : 50HZ
		I _N : 3.3 A	IP: IP54
Duty point	125Hz	250Hz	500Hz 1kHz 2kHz 4kHz 8kHz L_{WA} dB (A)
A	63.9	66.7	71.8 75.2 71.7 71.1 64.6 79.4
B	64.8	67.3	72.9 76.9 73.5 72.7 65.7 80.9
C	64.4	67.9	74.0 78.2 75.2 74.1 67.0 82.2
D	65.5	69.0	75.5 79.7 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

Technical Data
YGB/YGBS 355 I 1.1KW-8P


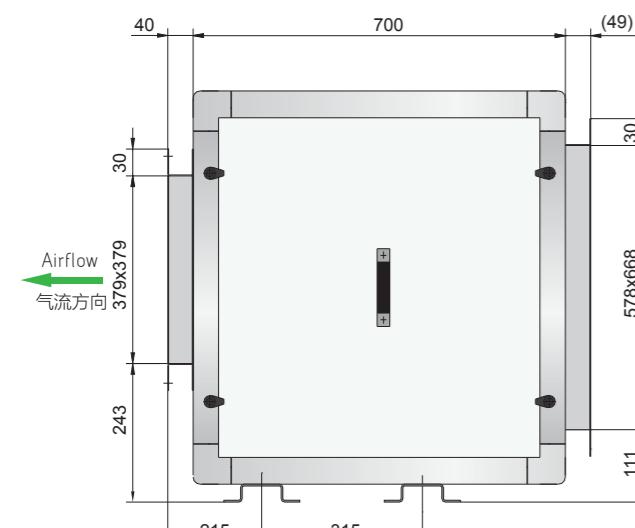
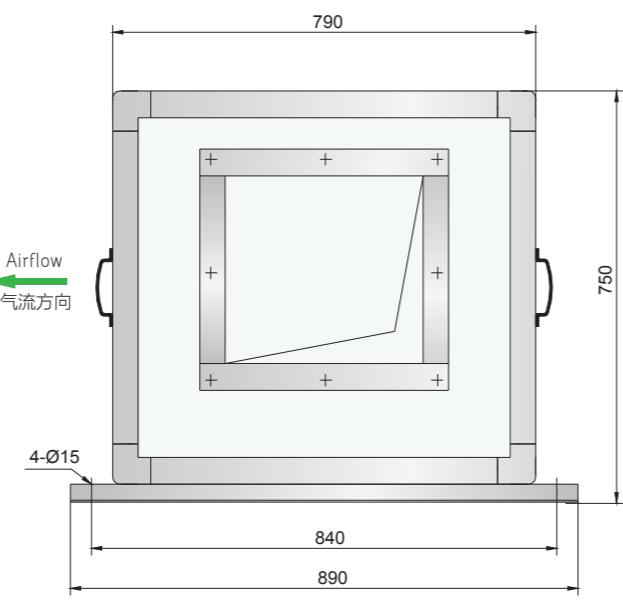
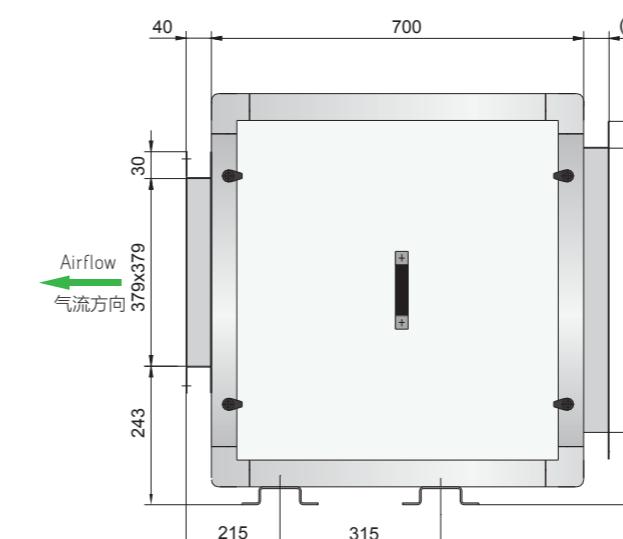
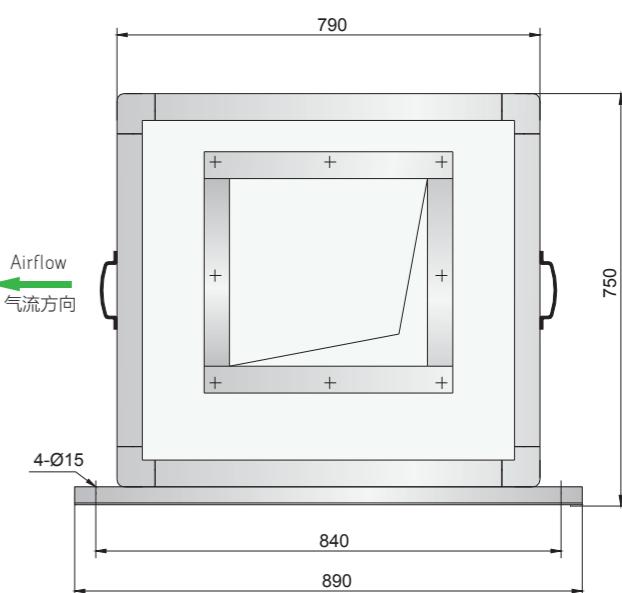
Type: YGB/YGBS 355 I		m: 53 kg	P_N : 1.1kW-8P
		U: 380 v	f ₁ : 50HZ
		I _N : 3.67 A	IP: IP54
Duty point	125Hz	250Hz	500Hz 1kHz 2kHz 4kHz 8kHz L_{WA} dB (A)
A	55.7	58.5	62.0 62.2 58.1 55.1 45.6 67.3
B	57.2	59.3	64.3 63.8 61.7 59.9 48.2 69.5
C	58.6	60.5	67.0 66.1 64.4 63.6 52.0 72.1
D	58.7	62.6	68.2 69.1 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

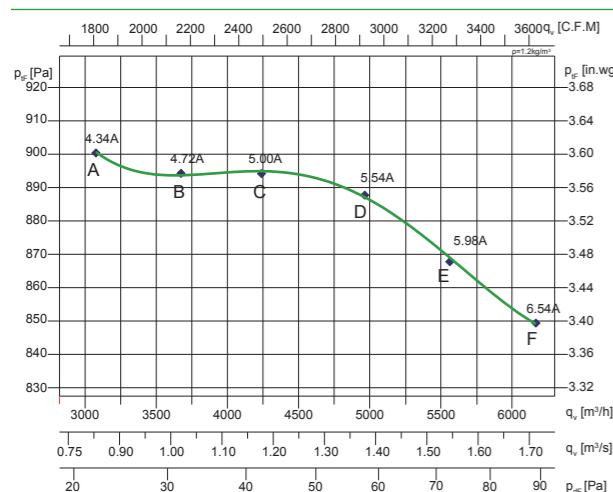
技术参数
YGB/YGBS 355 I 1.5KW-6P


Type: YGB/YGBS 355 I		m: 53 kg	P_N : 1.5kW-6P
		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

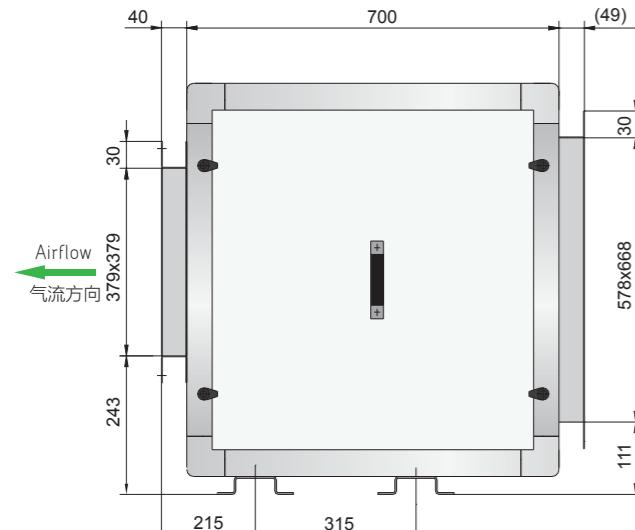
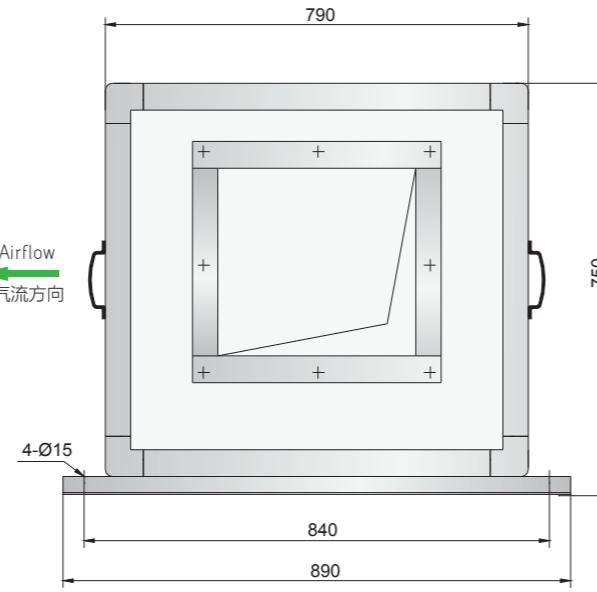
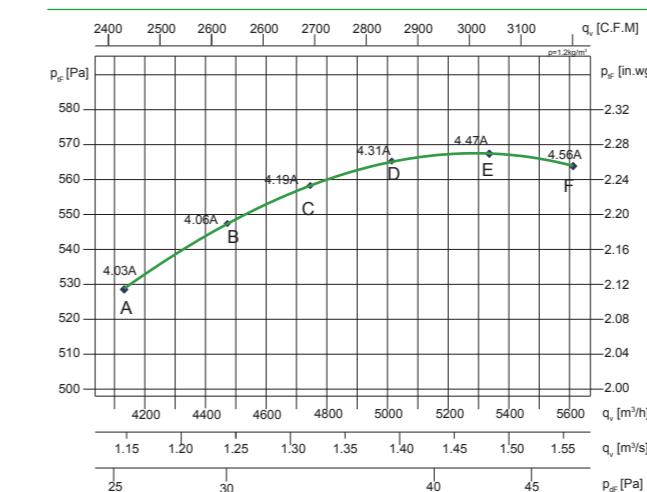
Technical Data
YGB/YGBS 355 I 1.8KW-6P


Type: YGB/YGBS 355 I		m: 55.6 kg	P_N : 1.8kW-6P
		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

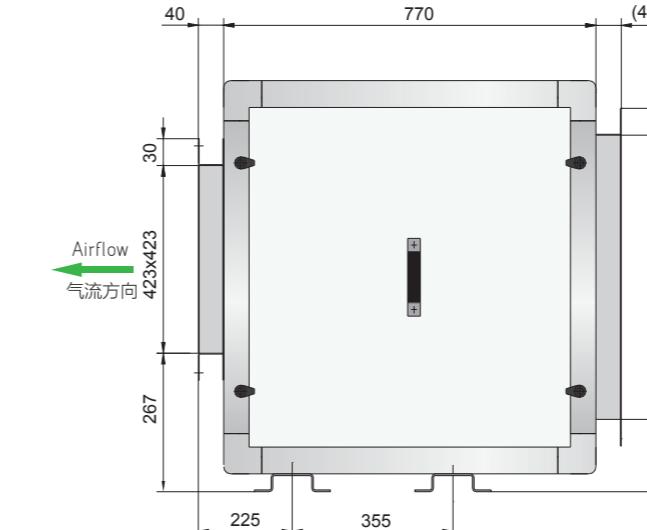
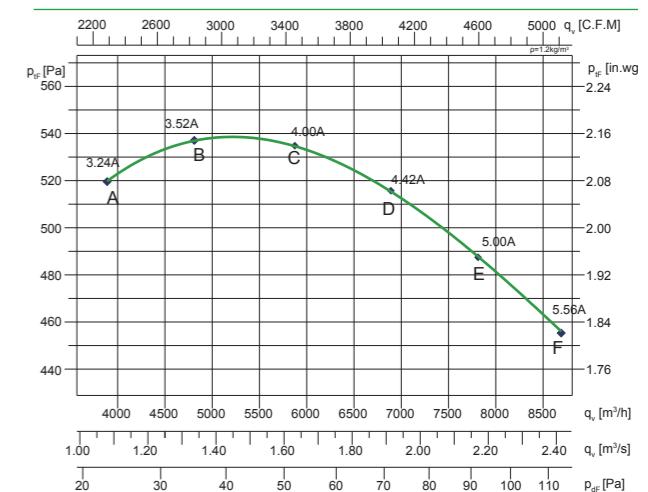
YGBS外形及安装尺寸

YGBS Overall Size

YGBS外形及安装尺寸

YGBS Overall Size


技术参数
Technical Data
YGB/YGBS 355 I 3KW-4P


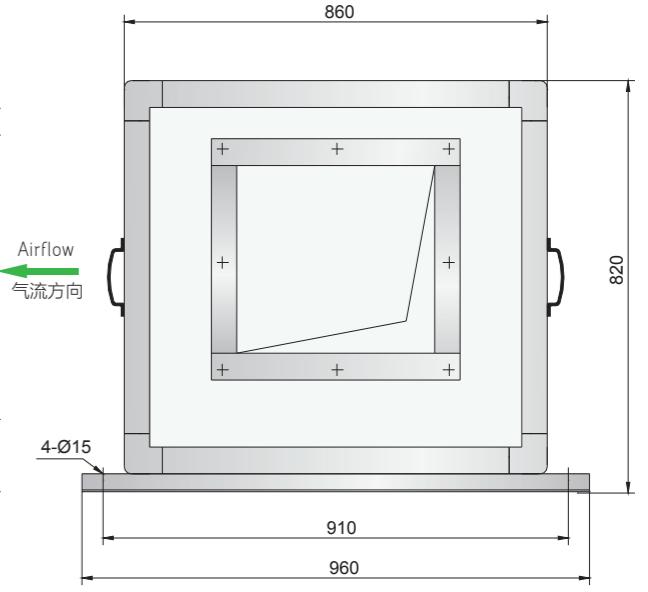
Type: YGB/YGBS 355 I	m: 57 kg	P _N : 3kW-4P
	U: 380 v	f ₁ : 50HZ
	I _N : 6.95 A	IP: IP54
Duty point	125Hz	250Hz
A	73.0	75.5
B	72.8	74.3
C	72.4	75.2
D	71.6	75.7
E	71.0	75.8
F	69.6	76.1

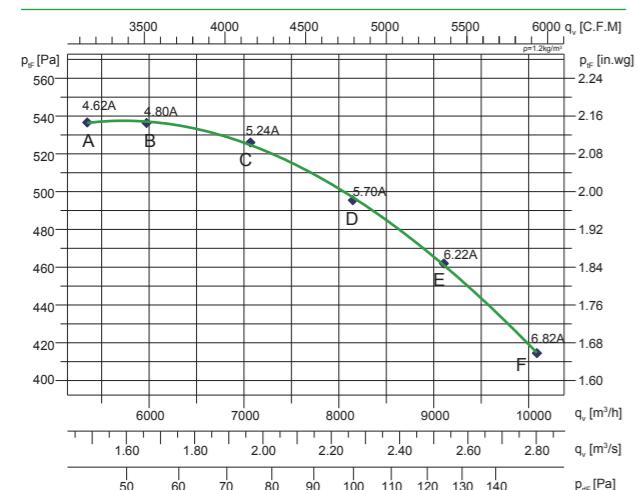
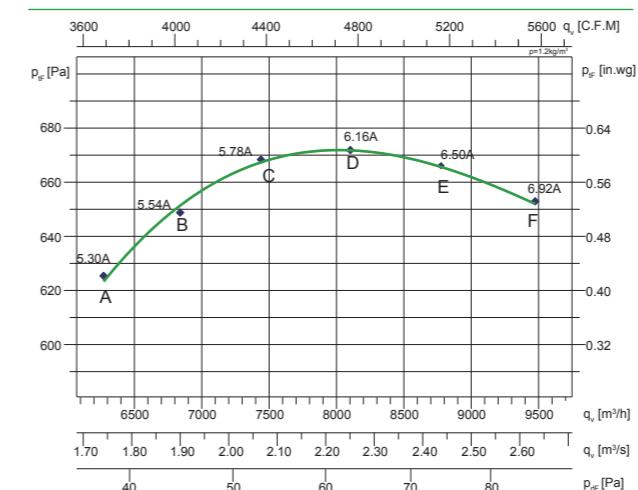
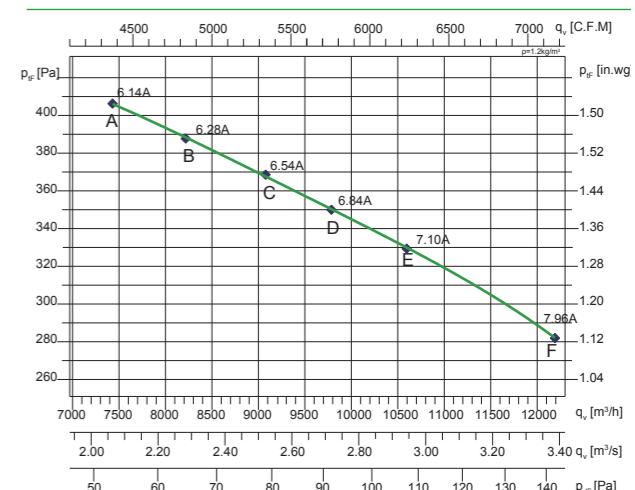
YGBS外形及安装尺寸

YGBS Overall Size

技术参数
YGB/YGBS 400 I 1.8KW-6P


Type: YGB/YGBS 400 I	m: 61.2 kg	P _N : 1.8kW-6P
	U: 380 v	f ₁ : 50HZ
	I _N : 4.8 A	IP: IP54
Duty point	125Hz	250Hz
A	75.8	70.5
B	72.8	71.2
C	77.1	72.5
D	76.8	71.6
E	76.4	70.4
F	77.7	70.9

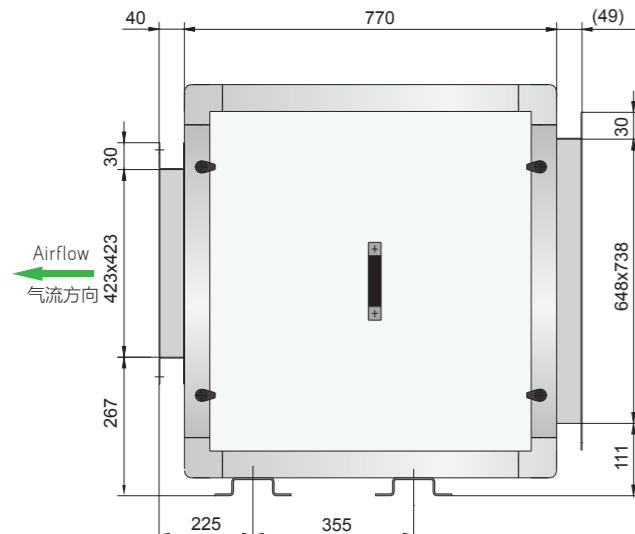
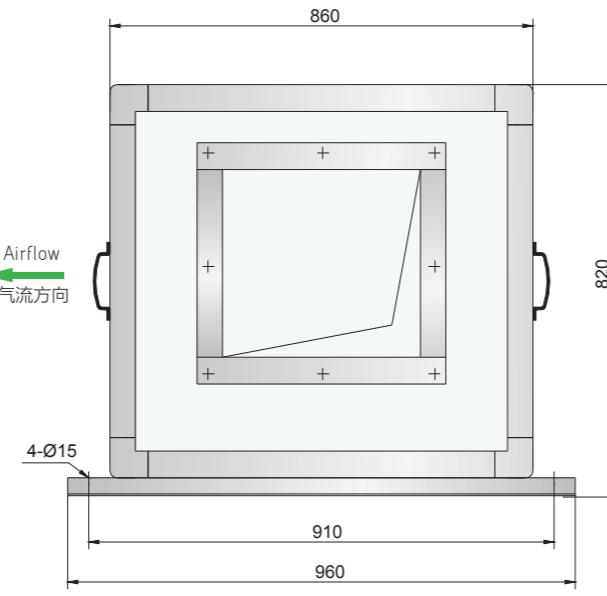
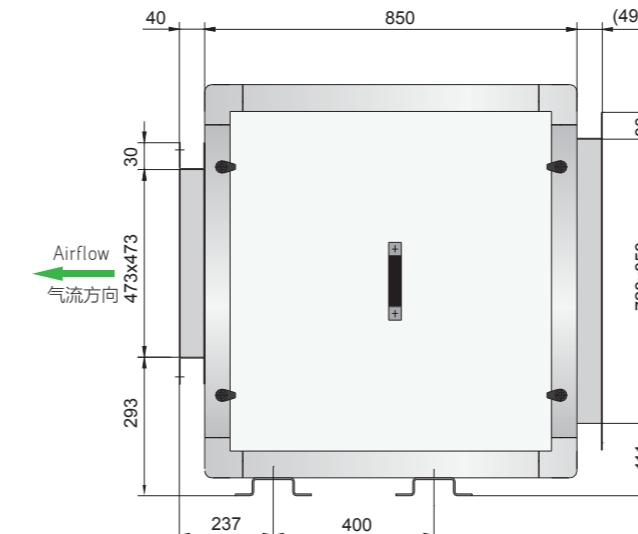
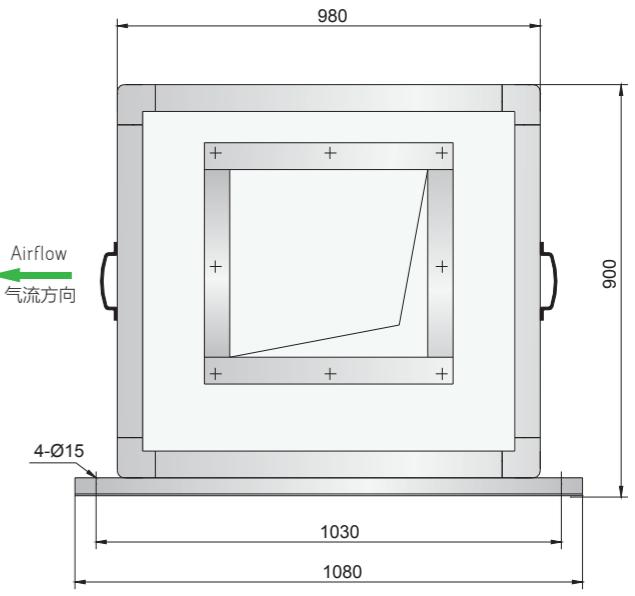
YGBS外形及安装尺寸

YGB/YGBS 400 I 2.2KW-6P


Type: YGB/YGBS 400 I	m: 65 kg	P _N : 2.2kW-6P
	U: 380 v	f ₁ : 50HZ
	I _N : 5.6 A	IP: IP54
Duty point	125Hz	250Hz
A	71.5	68.9
B	75.7	70.2
C	76.3	70.9
D	73.3	71.5
E	77.5	72.9
F	78.8	73.4

YGBS Overall Size


技术参数
Technical Data
YGB/YGBS 400 | 3KW-6P

技术参数
Technical Data
YGB/YGBS 450 | 3KW-6P

YGB/YGBS 450 | 3KW-8P


Type: YGB/YGBS 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

YGBS外形及安装尺寸

YGBS Overall Size

YGBS外形及安装尺寸

YGBS Overall Size




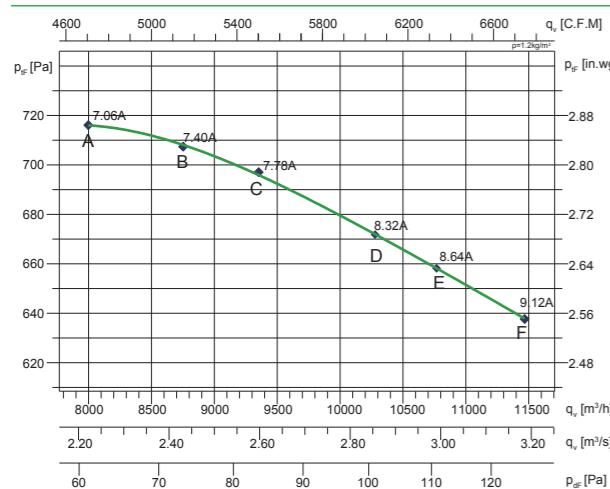
YGB/YGBS 450 I

YGB/YGBS Series Fan Performance Chart
YGB/YGBS 系列风机性能曲线

技术参数

Technical Data

YGB/YGBS 450 I 4KW-6P



Type: YGB/YGBS 450 I	m: 96 kg	P_N : 4kW-6P
	U: 380 v	f_1 : 50HZ
	I_N : 9.9 A	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

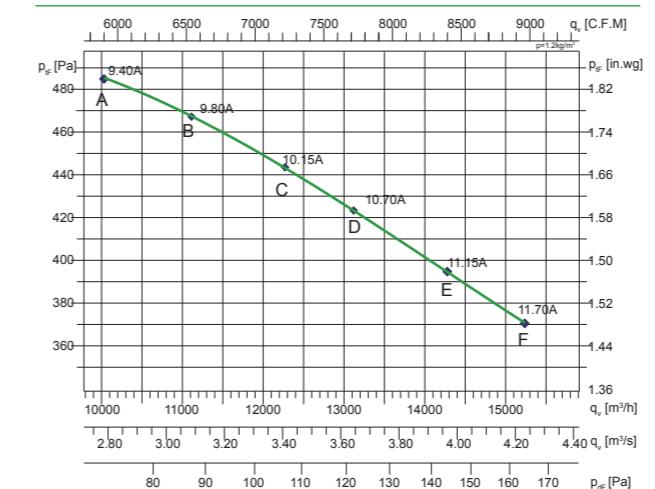
YGB/YGBS Series Fan Performance Chart
YGB/YGBS 系列风机性能曲线

YGB/YGBS 500 I

技术参数

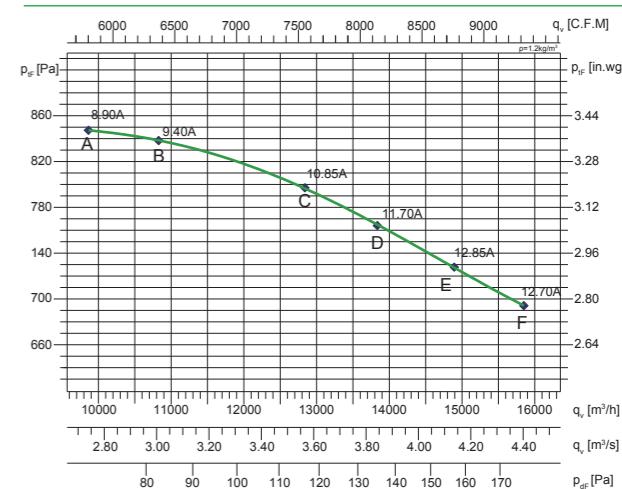
Technical Data

YGB/YGBS 500 I 5.5KW-8P



Type: YGB/YGBS 500 I	m: 132 kg	P_N : 5.5kW-8P
	U: 380 v	f_1 : 50HZ
	I_N : 14 A	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

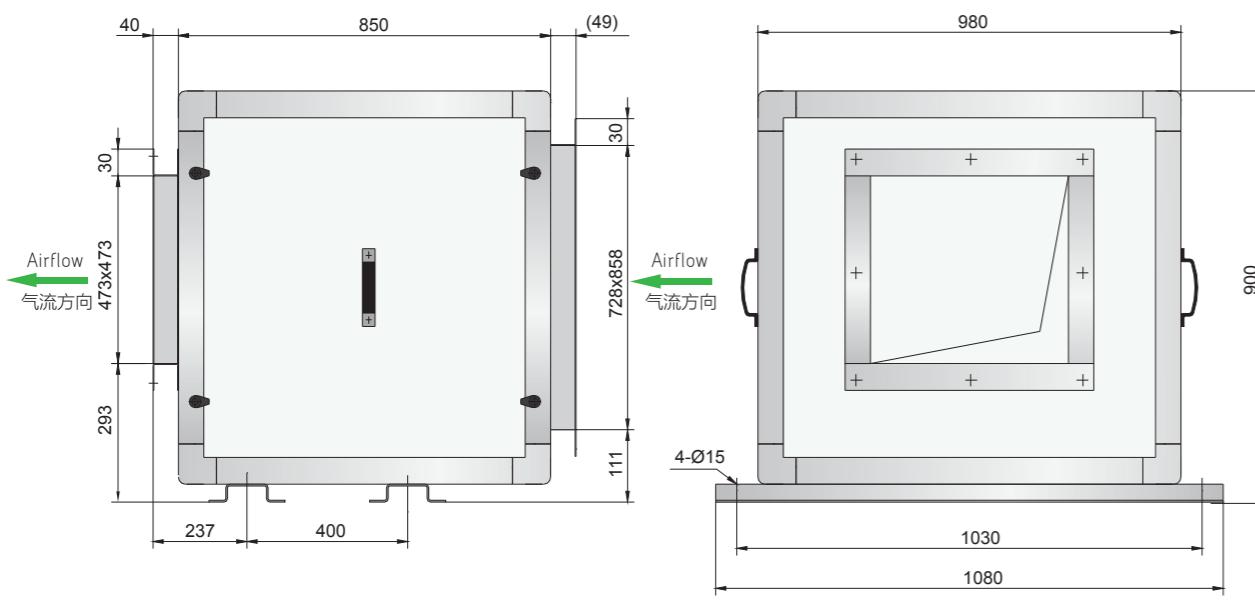
YGB/YGBS 500 I 6KW-6P



Type: YGB/YGBS 500 I	m: 127 kg	P_N : 6kW-6P
	U: 380 v	f_1 : 50HZ
	I_N : 14.5 A	IP: IP54
Duty point	125Hz 250Hz	500Hz 1kHz 2kHz 4kHz 8kHz L_{WA} dB (A)
A	75.6 75.8	81.4 80.1 77.4 75.3 69.5 86.2
B	77.6 75.9	82.6 80.7 78.1 76.0 70.5 87.1
C	76.2 76.1	83.8 81.6 78.9 76.6 71.3 87.8
D	76.0 76.6	85.4 83.1 80.0 77.6 71.7 89.1
E	75.4 78.3	86.8 86.1 82.9 80.2 73.5 91.2
F	75.8 79.4	88.4 87.6 84.5 81.8 74.9 92.7

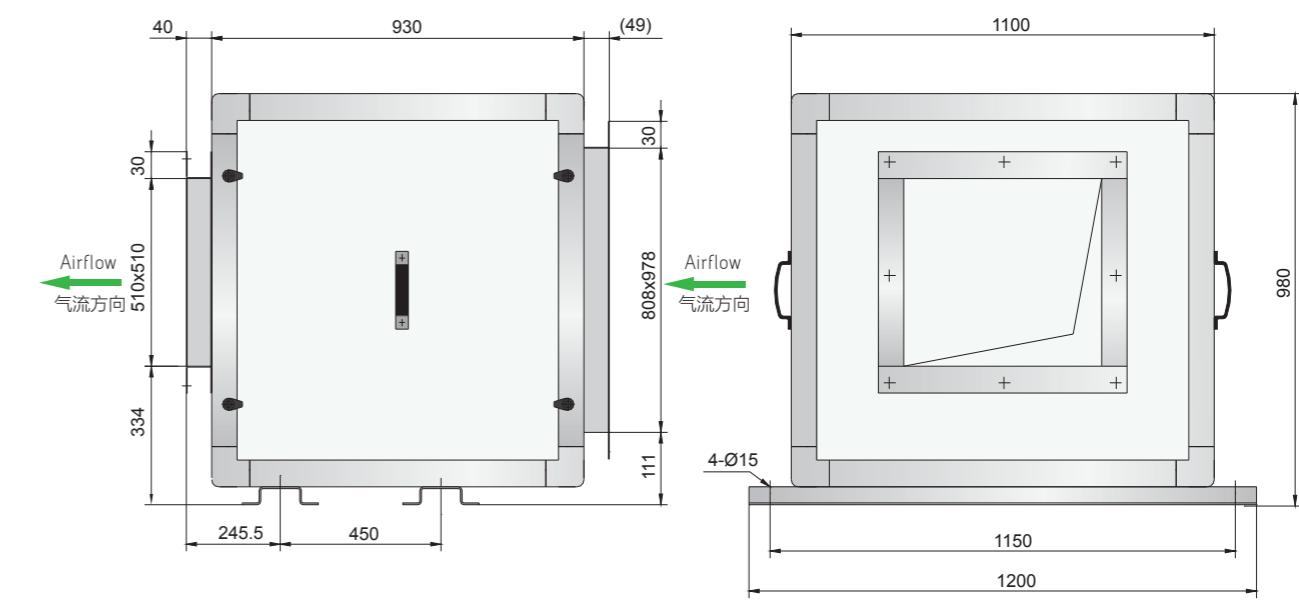
YGBS外形及安装尺寸

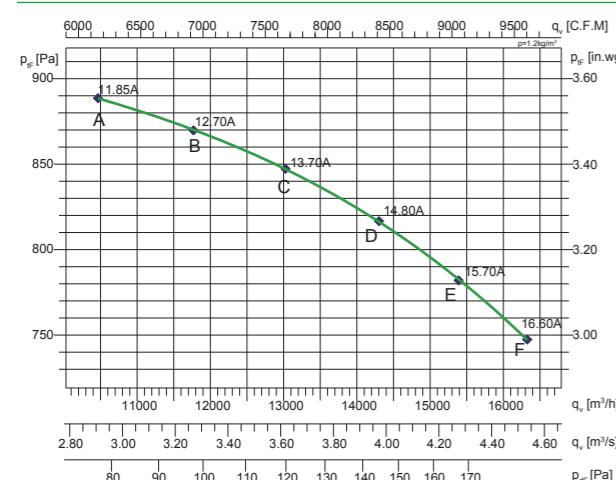
YGBS Overall Size



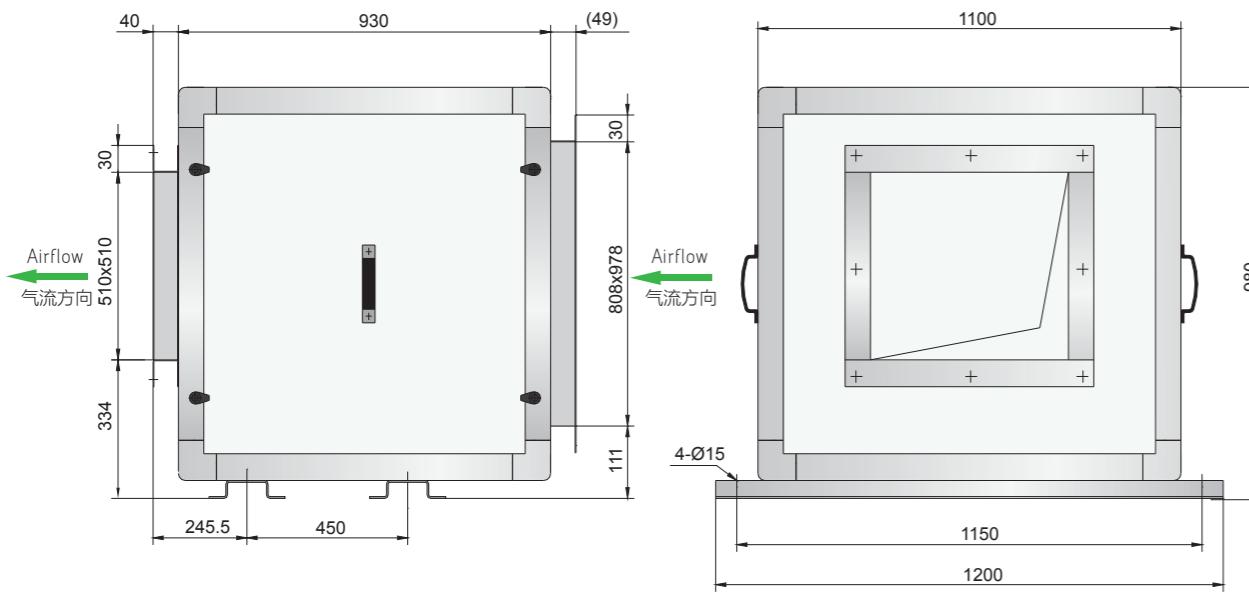
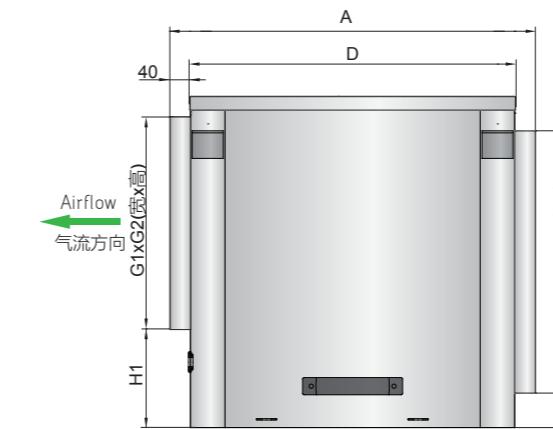
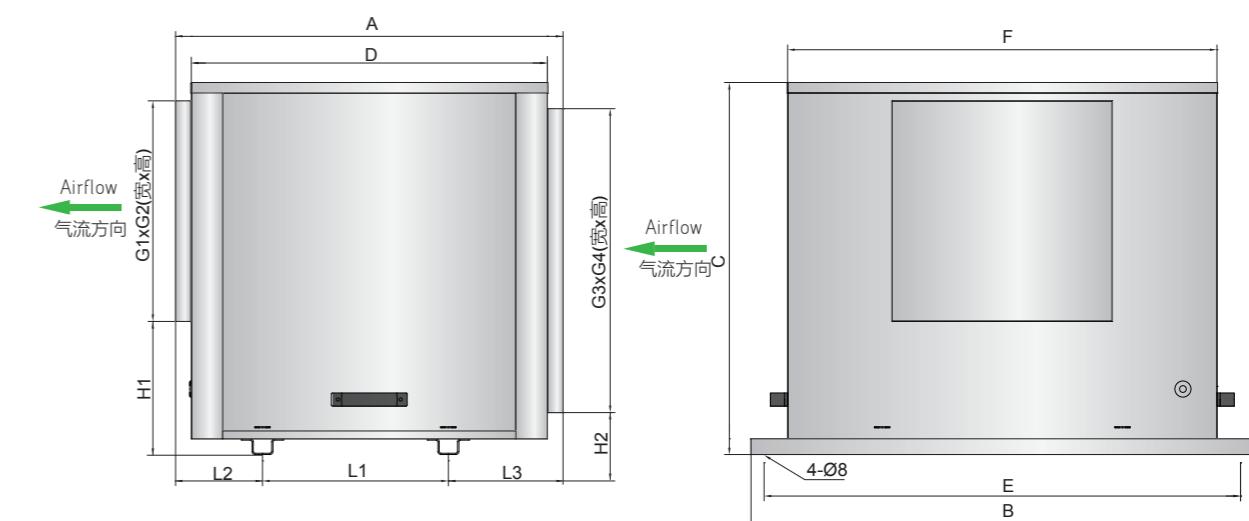
YGBS外形及安装尺寸

YGBS Overall Size



技术参数
Technical Data
YGB/YGBS 500 I 7.5KW-6P


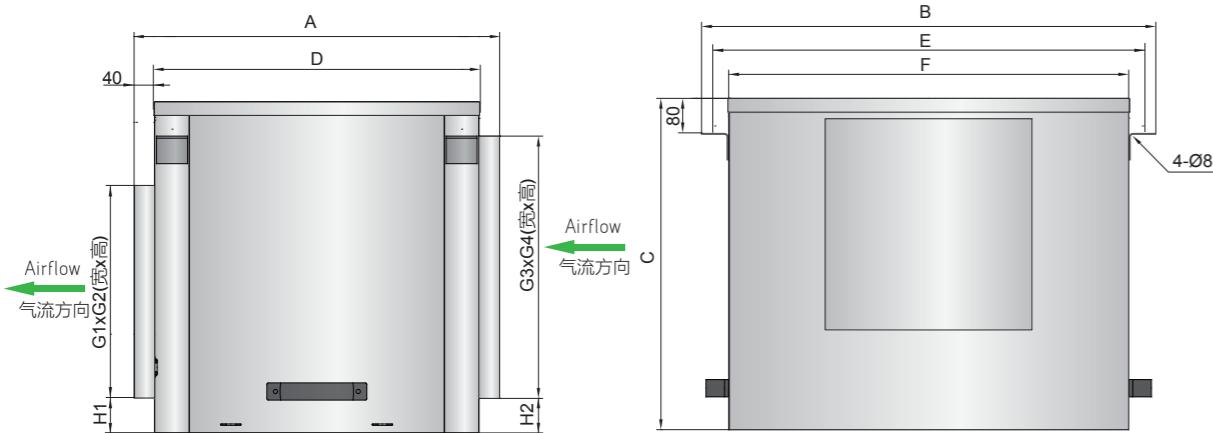
Type:	m: 135 kg	P _N : 7.5kW-6P
YGB/YGBS 500 I	U: 380 v	f ₁ : 50HZ
	I _N : 17.7 A	IP: IP54
Duty point	125Hz	250Hz
A	76.2	76.2
B	78.2	76.3
C	76.7	76.5
D	76.6	77.0
E	75.9	78.7
F	76.3	79.8
	500Hz	1kHz
	81.9	80.6
	83.0	81.2
	84.3	82.2
	85.9	83.6
	87.3	86.6
	88.8	88.1
	88.8	88.1
	84.9	84.9
	82.3	82.3
	75.4	75.4
	93.2	93.2
	2kHz	4kHz
	77.8	75.7
	78.5	76.4
	79.3	77.0
	80.5	78.0
	83.3	80.6
	84.9	82.3
	82.3	75.4
	82.3	75.4
	80kHz	L _{WA} dB (A)
	70.1	70.1
	71.0	71.0
	71.8	71.8
	72.3	72.3
	74.0	74.0
	75.4	75.4
	75.4	75.4
	86.6	88.3
	87.6	89.6
	88.3	91.6
	89.6	93.2

YGBS外形及安装尺寸

YGBS Overall Size
YGB系列管道风机外形尺寸图
YGB200-315(180°)

YGB Series Fan Overall Dimension
YGB355-500(180°)


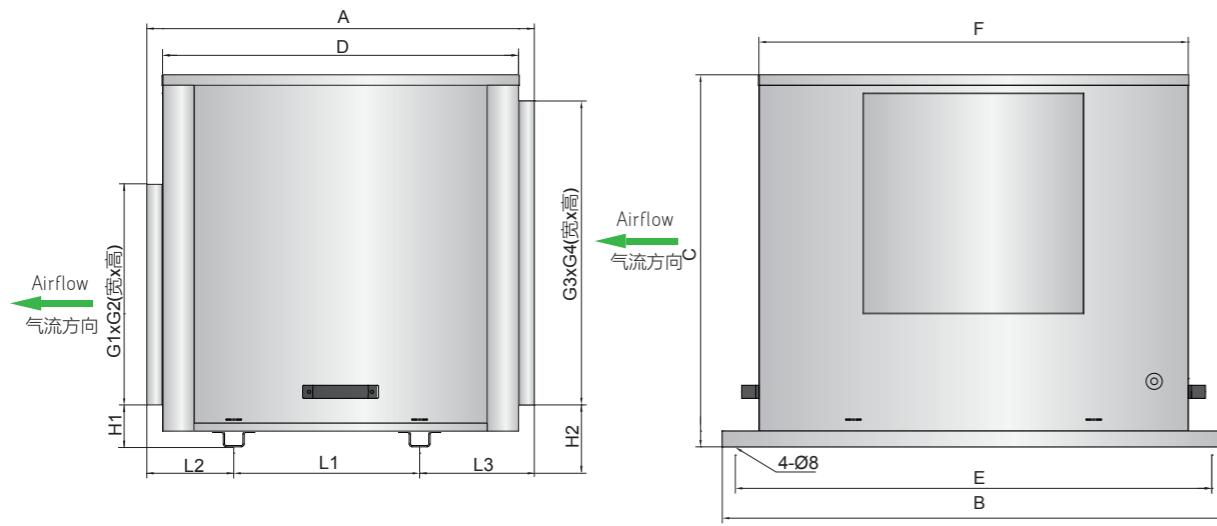
型号	尺寸(mm)	A	B	C	D	E	F	L1	L2	L3	H1	H2	G1	G2	G3	G4
YGB200	440	493	400	360	462	430	-	-	-	104	66	229	223	340	270	
YGB225	480	553	420	400	522	490	-	-	-	117	52	262	250	402	312	
YGB250	520	613	480	440	582	550	-	-	-	133	55	285	277	460	360	
YGB280	550	663	505	470	620	580	-	-	-	142	60	304	309	480	380	
YGB315	640	783	570	560	740	700	-	-	-	164	60	342	342	600	440	
YGB355	700	930	670	620	830	730	315	166	219	229	100	379	379	630	510	
YGB400	760	1020	740	680	920	820	355	225	180	253	100	423	423	720	580	
YGB450	830	1120	810	750	1020	920	400	237	193	279	116	473	473	800	630	
YGB500	910	1200	890	830	1100	1000	450	245.5	214.5	320	116	510	510	880	710	

YGB系列管道风机外形尺寸图

YGB200-315(0°)



YGB355-500(0°)

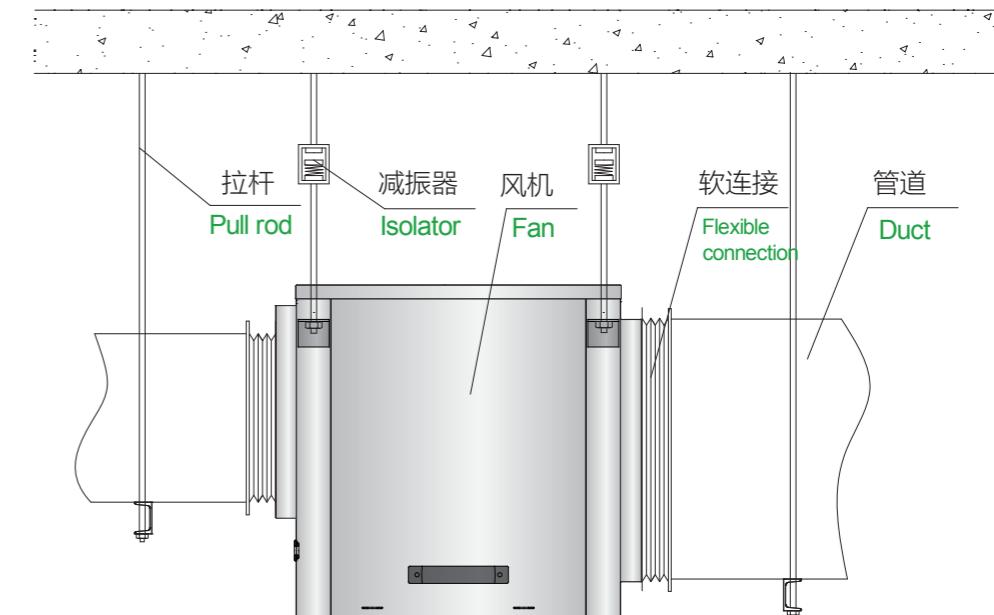


型号	A	B	C	D	E	F	L1	L2	L3	H1	H2	G1	G2	G3	G4
YGB200	440	493	400	360	462	430	-	-	-	55	67	229	223	340	270
YGB225	480	553	420	400	522	490	-	-	-	57	53	262	250	402	312
YGB250	520	613	480	440	582	550	-	-	-	54.5	55	285	277	460	360
YGB280	550	663	505	470	620	580	-	-	-	55	60	304	309	480	380
YGB315	640	783	570	560	740	700	-	-	-	55	60	342	342	600	440
YGB355	700	930	670	620	830	730	315	215	170	95	100	379	379	630	510
YGB400	760	1020	740	680	920	820	355	225	180	96	100	423	423	720	580
YGB450	830	1120	810	750	1020	920	400	237	193	97	116	473	473	800	630
YGB500	910	1200	890	830	1100	1000	450	245.5	214.5	93	116	510	510	880	710

YGB Series Fan Overall Dimension

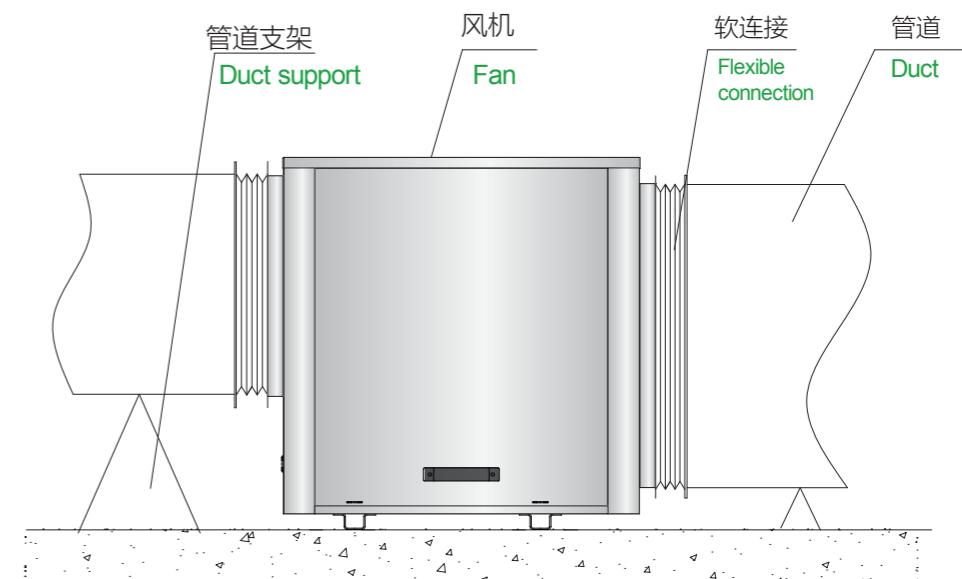
YGB系列管道风机吊装示意图

YGB Ceiling Installation Schematic Diagram



YGB系列管道风机地装示意图

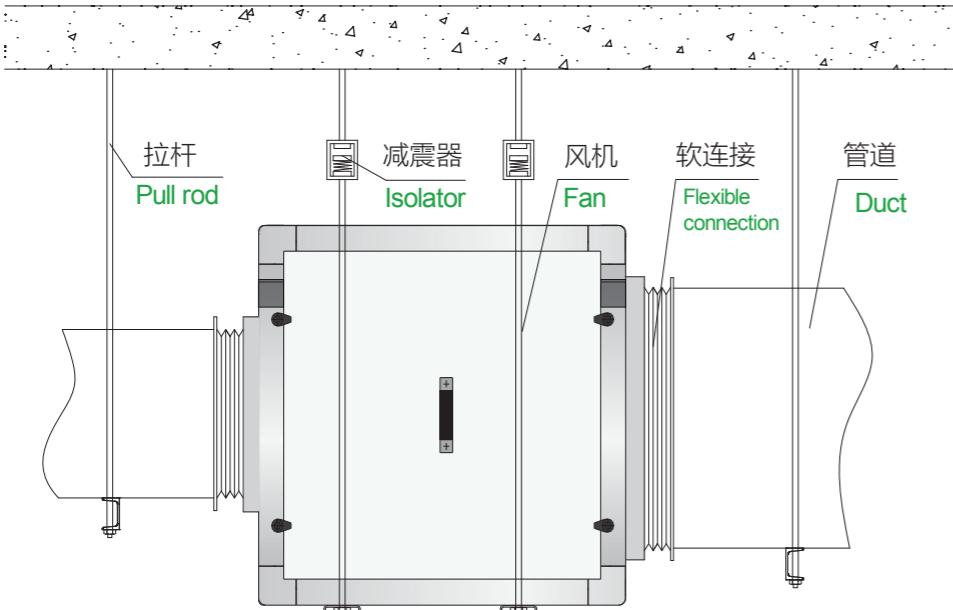
YGB Floor Installation Schematic Diagram



YGBS Ceiling Installation Schematic Diagram

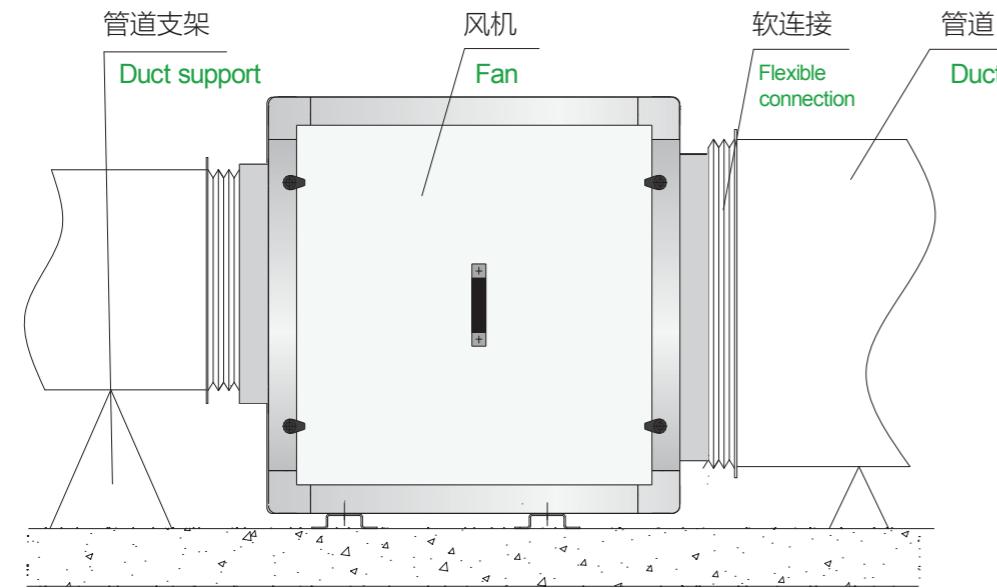
YGBS系列管道风机地装示意图

YGBS Floor Installation Schematic Diagram



YGBS系列管道风机地装示意图

YGBS Floor Installation Schematic Diagram


YGZE/YGZES 系列管道风机