



Yilida Air Conditioning Ventilation Technical Manual

SYB Series Centrifugal Fan

Yilida[®]

The Smart Air



SYB 系列离心式空调风机

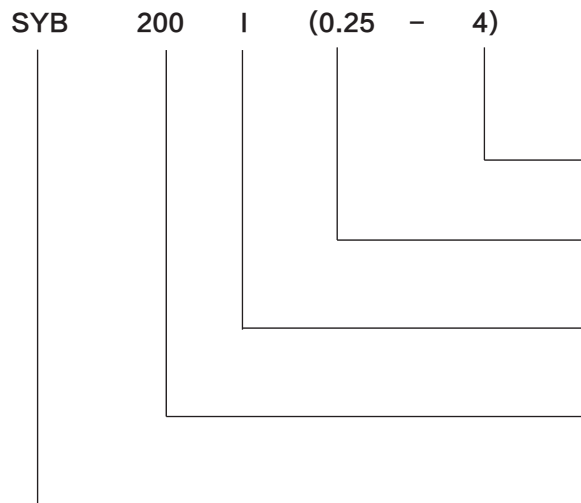
概述

SYB 系列离心式空调风机是参照国际同类产品先进技术自行开发的低噪声紧凑型风机。额定流量 1000m³/h~20000m³/h, 全压 200Pa~850Pa, 采用外转子电机直联传动, 具有效率高、噪声低、流量大、体积小、结构紧凑等特点, 是变风量空调器、管道式空调机组、VAV 系统及其他暖通空调、净化设备理想的配套产品。

Summary

The SYB Series centrifugal fan is kind of air-conditioning fan. The Wheel of the fan is driven by three phases external motor. It was developed by using high technology and with low noise and compact structure. It was specially designed for the air-conditioning. The flow rate and total pressure range of this series fan are from 1000m³/h to 20000m³/h and 200Pa to 850Pa. It is the ideal equipment for the air-conditioning and other kind of fan system.

命名方式



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
叶轮名义直径(mm)
Diameter of Wheel (mm)
风机系列代号
Fan series blades

产品型式

1. 旋向

SYB 系列风机可分为左旋(LG)和右旋(RG)两种旋转方式, 从电机出线端正视, 叶轮顺时针旋转的称为右旋风机, 逆时针旋转的称为左旋风机。

Product Features

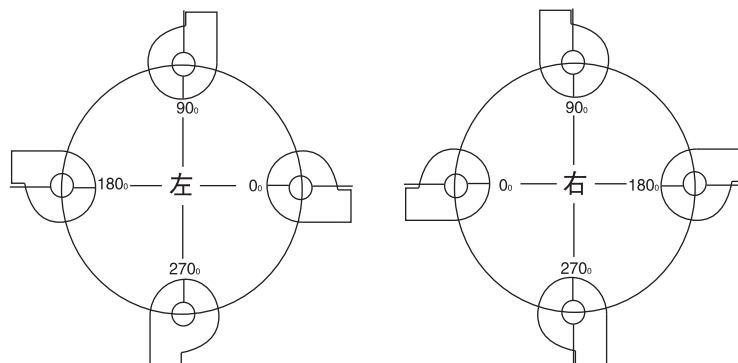
1. Rotation Direction

SYB series fans have two direction of rotations, left-hand rotation (LG) and right-hand rotation (RD); Viewing from drive side, if the Wheel rotates clockWise, it is left hand (LG) rotation. If the Wheel rotates counter cloc ise, it is right-hand (RD).

2. 出风口方向

SYB 系列风机可按图 1 所示制成 0°、90°、180°、270° 四种出风方向。

图 1 (Fig 1)



2. Discharge Direction

According to Fig1, SYB Series fans can be made in four air-outlet directions: 0°, 90°, 180°, and 270°.

产品结构

SYB 系列风机主要由机壳、叶轮、支板(框架)、电机、出口法兰五部分组成。

1. 机壳

机壳采用热镀锌钢板制造,侧板具有符合空气动力的外形,进风口整体拉伸成型,蜗板采用点焊方式与侧板连成一体。在侧板上预设一系列的铆螺母孔,以便按照用户要求的出风口方向进行安装。

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。叶片用铆爪固定在中盘及端圈上,在最大功率连续运转时,叶轮将具备足够的刚度。所有叶轮进行静平衡和动平衡测试,内控精度达到 G2.5 级 (ANSI/AMCA-204)。

3. 支板(框架)

支板采用优质镀锌板制成,独特加强工艺保证足够的强度,支板安装角度可以根据用户的不同需求进行调整。SYB315 以上风机的框架采用角钢和扁铁焊接而成,框架四边都冲有安装孔,以满足用户不同方向的安装需求。

4. 电机

SYB 系列风机配用外转子低噪声三相异步电动机,该电机具有轴固定、外壳旋转的特点。电机安装在叶轮的中盘上,由电机外壳旋转直接驱动。根据用户要求,SYB 系列风机选用特殊电机,该电机可采用三相调压器、可控硅调压器、变频器等手段进行无级调速,以适应系统负荷多变的要求。

Construction of Product

SYB series fans consist of housing, Wheel, baseplate(frame), motor, shaft sleeve and air outlet flange.

1. Housing

The housing is made of hot galvanized steel sheet. The side plates include inlet cones that are designed with the best aerodynamics for inlet condition. The scroll is fixed to the side plates by spot welding. On the side of the scroll, there is a series of holes drilled in advance for riveting nuts to carry out installation according to air outlet direction needed by the customer.

2. Wheel

Forward curved impeller is constructed of high-grade hot galvanized steel sheet with the advanced aerodynamics profile to achieve the highest efficiency and the lowest noise level. The Wheel is fixed on the center plate and on the end ring with riveting grip pres. The Wheel is constructed with maximum strength that endures the continuous operation with maximum power. All Wheels are balanced to the ANSI/AMCA 204 Notional Standard. Yilida's internal standard is G2.5 or higher for wheel balancing.

3. Frame

SYB Series fan baseplate is made of high quality hot galvanizing steel sheet, and the unique process of strengthening ensures the sufficient strength. The direction of baseplate installation can be carried out according to the different requirements of customers. Over SYB 315 fan frame is made of angle steel and flat steel. On four sides of the frame, there are holes drilled for installation to meet customers's requirements in different installation directions.

4. Motor

The motor used in SYB series fans are low noise three phases asynchronous motors with external rotors. The Wheel is installed on the external casing of the motor. The motor rotation speed can be changed by using provided with three-phase voltage regular; silicon controlled. Voltage regulator, frequency converter and etc. to satisfy the changeable load in the system.

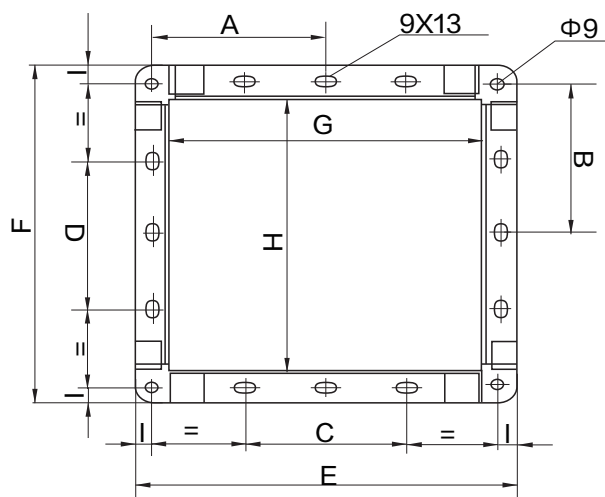
5. 法兰

法兰采用优质热镀锌钢板制造，法兰与壳体的连接采用 TOX 免焊工艺，外观精美并具有足够的刚度和强度。法兰口尺寸型式参照图 2 所示。

5. Flange

The flange is made of galvanized steel. The connections of the flange components to the scroll are made using a TOX non-welding process. This maintains a good flange appearance while also providing sufficient strength and rigidity. The dimensions and type of flange are shown in Fig2.

图 2 (Fig 2)



型号 Type	200I	200II	225I	225II	225III	250I	250II	280I	280II	315I	315II	355I	355II	400I	400II	450I	450II	500I	500II
A	122.5	160	139	154	160	150.5	160	160	188	—	—	—	—	—	—	—	—	—	—
B	119.5	125	133	133	146.5	146.5	146	162.5	162.5	—	—	—	—	—	—	—	—	—	—
C	—	—	—	—	—	—	—	—	—	140	140	140	140	140	140	170	170	170	170
D	—	—	—	—	—	—	—	—	—	140	140	140	140	140	140	170	170	170	170
E	265	340	298	328	340	321	340	340	396	394	456	431	487	475	516	525	586	562	656
F	259	270	286	286	313	313	312	345	345	394	394	431	431	475	475	525	525	562	562
G	225	300	258	288	300	281	300	300	356	338	400	375	431	419	460	469	530	506	600
H	219	230	246	246	273	273	272	305	305	338	338	375	375	419	419	469	469	506	506
I	10	10	10	10	10	10	10	10	10	13	13	13	13	13	13	13	13	13	13

注：表格和外形尺寸的单位为 mm。

Note: the size unit in the form and overall size are mm.

说明

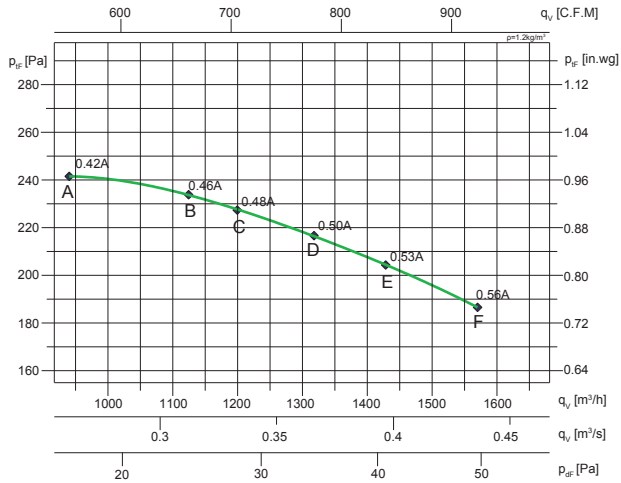
- 1). 风机配用电机功率是指在特定工况下，内功率加上电机容量安全系数而言，并非出风口全开时所需的功率，因此为防止电机因超功率运转而烧毁，严禁风机未加任何外界阻力进行空运转。
- 2). 样本中的风机性能是选用电机额定转速测试的结果，我们亦可通过改变电机的转速达到用户实际的需求。
- 3). 风机在运输、装卸过程中应小心轻放，严禁撞击挤压，严禁堆放于潮湿或有腐蚀性的场合。
- 4). 风机安装前应用手拨动叶轮，检查是否有过紧或碰撞现象，确认没有这些现象时方可进行试运转。
- 5). 风管与风机进风口、出风口之间连接时应尽量采用软连接，接头不得拉得过紧。
- 6). 风机安装后应检查机壳和其他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

Instructions

- 1) The rated motor power as calculated herein might not be sufficient to drive the fan with an unrestricted discharge flow. Operating the fan with an unrestricted discharge outlet will result in flow rate that exceeds the specified fan capabilities. Such operation will quickly burn the motor and damage the fan. Great care must be taken in operating the fan to make sure that the maximum rated flows, as provided on the performance charts in this catalog, are not exceeded.
- 2) The fan performance in the catalog is tested under the motor rated speed, we can meet the actual requirement of the user by changing the motor speed.
- 3) Special care should be taken during transportation, load and unload. The fan is limited for use in areas where air substances are non-corrosive, non-toxics and non-erosive.
- 4) Following the installation, the Wheel should be turned by hand or with the use of a wrench to make sure that it turns freely without colliding with other parts of the fan. Once all this is done, the fan can be commissioned normally.
- 5) A flexible connector should be used between the fan out let flange and its mating ductwork. The flex connector should not be over-stretched.
- 6) The inside of the scroll and casing need to be checked to make sure that there are no foreign objects inside the housing, such as tools or loose parts.
- 7) The rotational directions of the motor and Wheel should be checked to ensure that they are in compliance with the specification and purchase orders.
- 8) During ordering it is necessary to state the type of fan, motor type, air flow, air pressure and other parameters.

技术参数

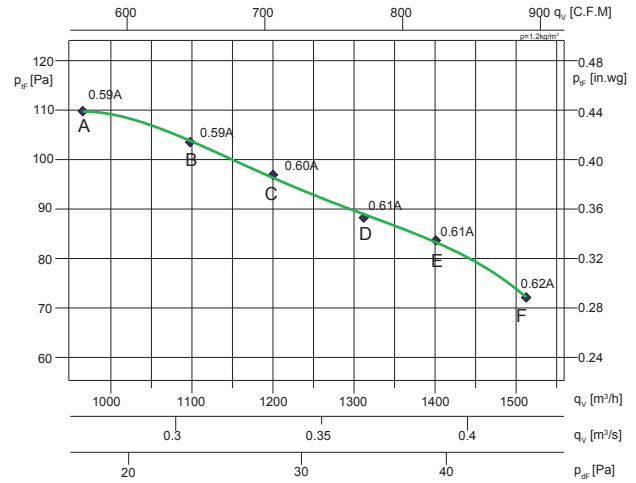
SYB200 I 0.18kW-4P



Type: SYB200 I			m: 15 kg			P _N : 0.18kW-4P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 0.56 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	1388	55.2	62.9	64.5	69.6	66.0	64.1	55.5	73.2
B	1365	53.8	62.0	65.9	71.1	67.5	66.0	57.8	74.6
C	1350	54.1	63.0	67.0	74.6	69.3	68.1	60.5	77.1
D	1342	54.1	63.2	67.4	75.4	70.3	69.3	62.1	77.5
E	1323	54.1	63.4	67.8	75.4	70.3	69.3	62.1	78.1
F	1297	55.2	64.4	68.8	74.6	71.7	70.8	64.0	78.4

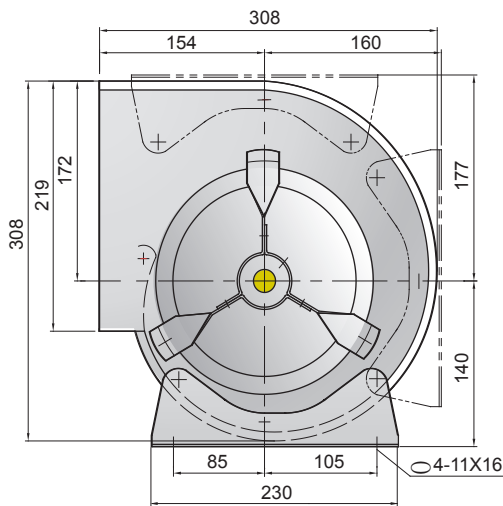
Technical Data

SYB200 I 0.18kW-6P

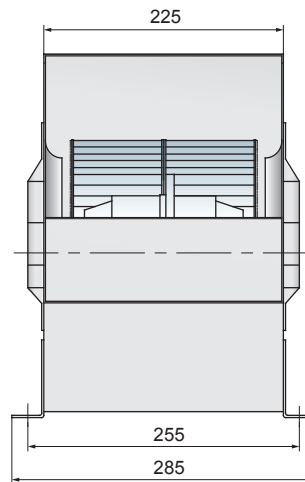


Type: SYB200 I			m: 15 kg			P _N : 0.18kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 0.79 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	965	46.2	55.2	58.7	63.0	60.5	58.6	49.9	67.0
B	961	46.6	56.2	58.7	62.6	59.2	56.2	46.0	66.3
C	953	50.6	59.1	61.5	65.2	63.1	61.5	52.6	69.7
D	951	52.3	60.4	62.8	66.5	64.5	63.4	54.9	71.1
E	948	52.8	62.4	64.8	69.1	67.2	66.1	58.5	73.6
F	942	54.4	63.3	65.9	70.4	68.5	67.6	60.2	74.9

外形及安装尺寸



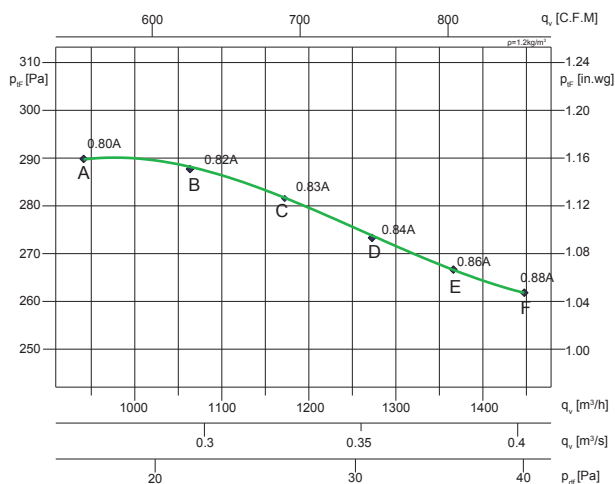
Overall Size



技术参数

Technical Data

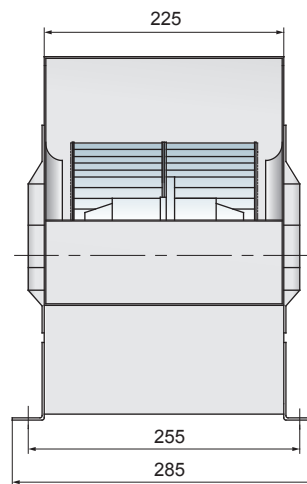
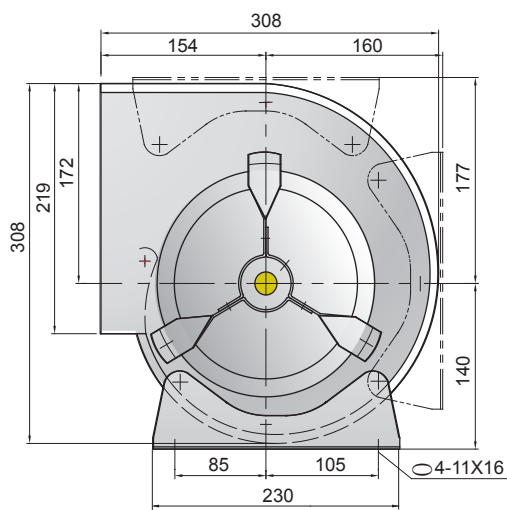
SYB200 I 0.25kW-4P



Type: SYB200 I			m: 15 kg		P _N : 0.25kW-4P				
			U: 380 v		f _i : 50HZ				
			I _N : 0.88 A		IP: IP44				
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1400	53.6	62.9	63.3	68.4	64.7	62.8	61.6	72.1
B	1407	53.5	62.1	64.0	69.1	65.5	63.7	58.7	72.8
C	1412	53.3	61.6	64.7	69.9	66.3	64.6	57.3	73.4
D	1423	54.0	62.0	65.4	70.6	67.1	65.5	56.2	74.1
E	1428	54.7	62.4	66.0	72.4	67.9	66.6	55.0	75.4
F	1438	55.4	62.8	67.4	75.0	69.9	68.8	53.9	77.6

外形及安装尺寸

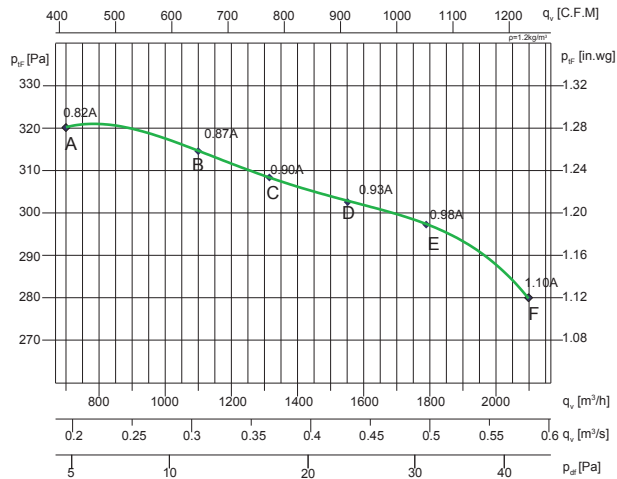
Overall Size



技术参数

Technical Data

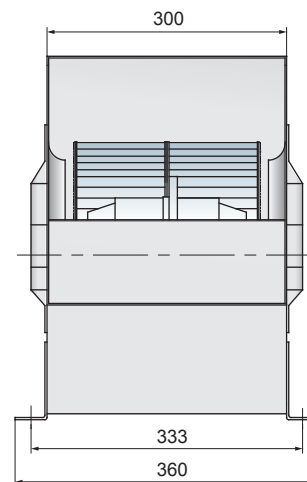
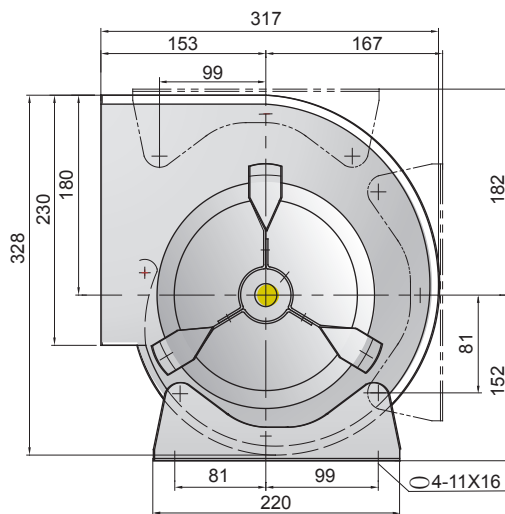
SYB200 II 0.32kW-4P



Type: SYB200 II			m: 15.8 kg				P _N : 0.32kW-4P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 1.07 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	1446	64.6	69.6	68.6	69.7	67.2	65.1	54.4	75.7
B	1424	61.6	68.3	66.4	68.9	67.2	65.2	55.5	74.7
C	1411	62.5	67.0	67.4	70.0	68.2	66.7	56.7	75.4
D	1386	60.9	69.3	68.4	71.4	69.6	68.4	58.4	76.7
E	1364	61.2	69.4	69.8	73.1	71.2	70.2	60.0	78.1
F	1352	66.0	69.7	71.5	75.3	73.5	72.8	62.6	80.2

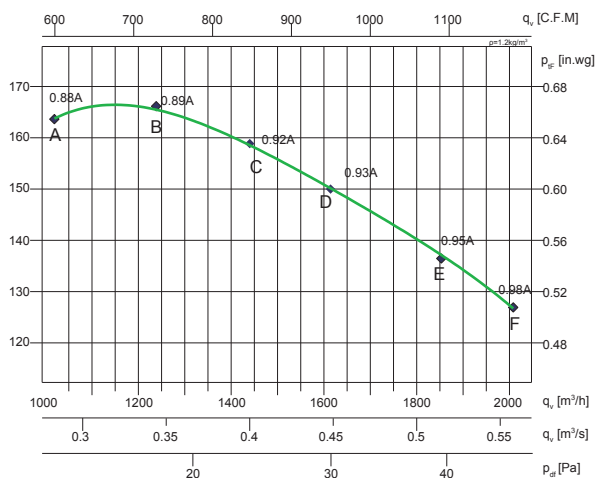
外形及安装尺寸

Overall Size



技术参数

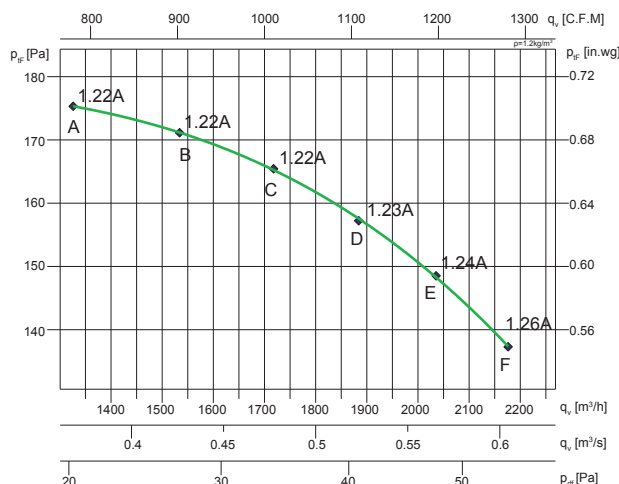
SYB225 I 0.25kW-6P



Type: SYB225 I			m: 17.6 kg			P _N : 0.25kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.04 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	973	51.4	60.0	61.2	64.9	60.5	58.8	59.6	69.2
B	966	52.5	61.6	63.2	66.7	62.4	60.1	59.6	70.8
C	958	52.1	62.9	65.5	68.4	64.8	69.0	59.7	73.9
D	952	53.5	64.9	67.5	70.1	67.0	65.7	60.5	74.6
E	941	55.1	66.6	70.2	73.6	69.5	68.6	62.2	77.1
F	935	56.8	67.9	71.9	74.2	71.2	70.5	63.7	78.8

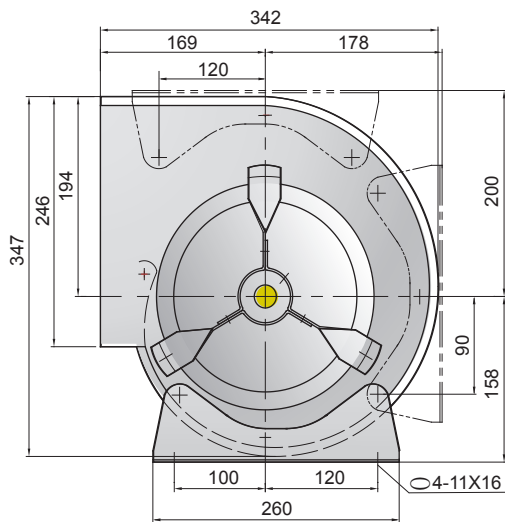
Technical Data

SYB225 I 0.32kW-6P

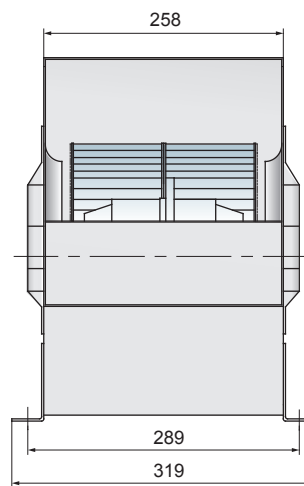


Type: SYB225 I			m: 18.9 kg			P _N : 0.32kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.29 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	956	52.1	61.2	62.8	66.4	62.1	59.7	59.3	70.5
B	960	51.8	62.5	65.2	68.1	64.4	68.7	59.4	73.6
C	965	53.1	64.6	67.1	69.7	66.6	65.3	60.2	74.2
D	968	54.8	66.3	69.9	72.2	69.1	68.2	61.8	76.7
E	972	56.4	67.6	71.6	73.8	70.9	70.2	63.3	78.4
F	978	57.6	68.8	73.7	75.9	73.3	72.6	65.6	80.6

外形及安装尺寸

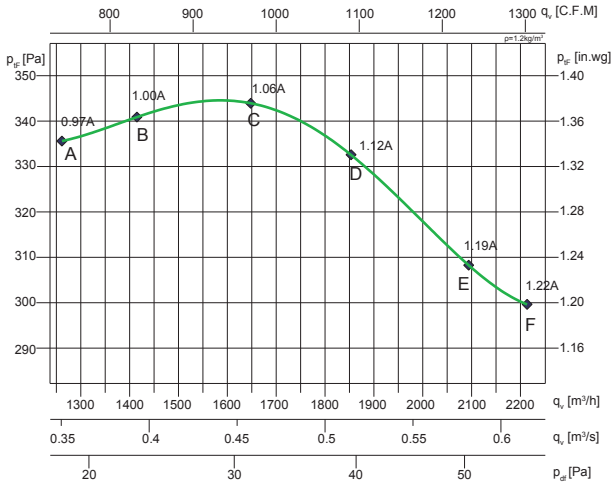


Overall Size



技术参数

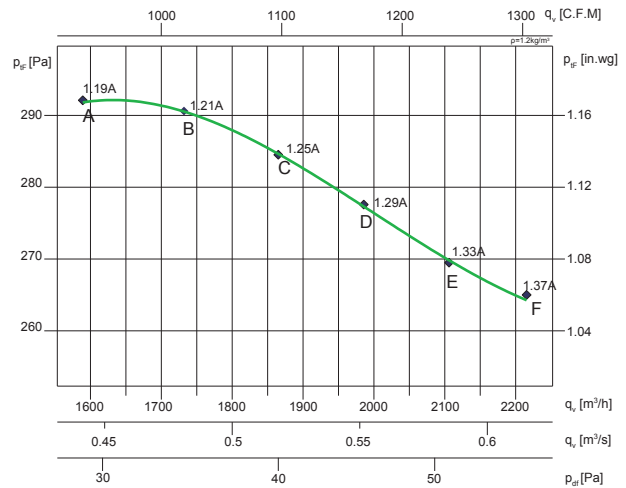
SYB225 I 0.37kW-4P



Type: SYB225 I			m: 17.9 kg				P _N : 0.37kW-4P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 1.21 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	1399	58.3	68.3	68.4	70.9	68.9	67.0	60.3	76.1
B	1389	56.8	67.5	68.6	71.3	69.7	67.8	60.9	76.4
C	1365	56.6	68.4	70.1	73.1	71.1	69.6	61.9	77.9
D	1345	56.9	69.6	71.8	74.8	72.5	71.3	63.5	79.4
E	1316	57.7	70.4	73.9	76.5	74.2	73.5	65.6	81.3
F	1300	58.3	70.7	74.8	77.4	75.0	74.4	66.9	82.1

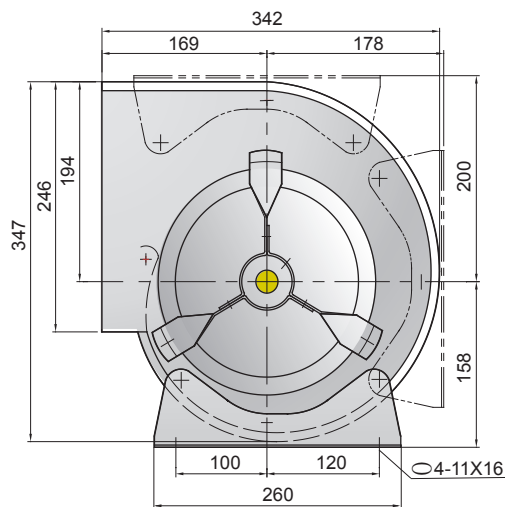
Technical Data

SYB225 I 0.45kW-4P

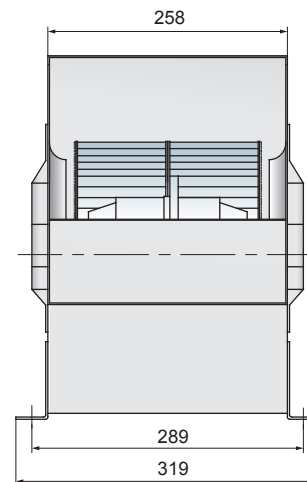


Type: SYB225 I			m: 18.85 kg			P _N : 0.45kW-4P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.36 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1387	58.2	70.6	74.7	77.3	74.9	74.2	66.8	82.0
B	1392	57.5	70.2	73.8	76.4	74.1	73.3	65.5	81.1
C	1400	56.8	69.4	71.6	74.6	72.3	71.1	63.3	79.3
D	1410	56.5	68.3	69.9	72.9	70.9	69.4	61.8	77.7
E	1416	56.6	67.4	68.4	71.2	69.5	67.7	60.8	76.2
F	1422	56.8	66.5	66.9	69.4	68.1	65.9	59.8	74.8

外形及安装尺寸

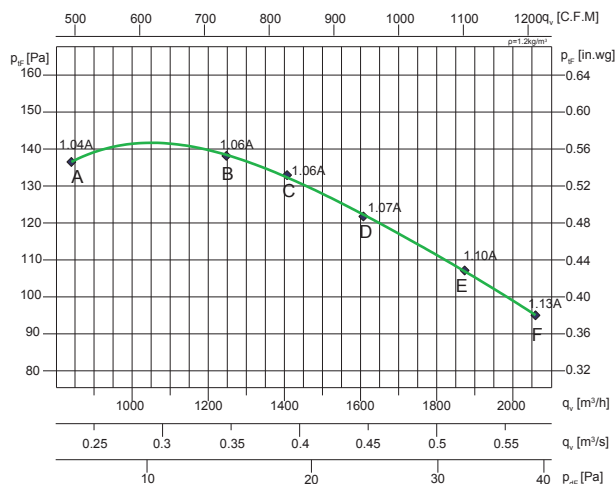


Overall Size



技术参数

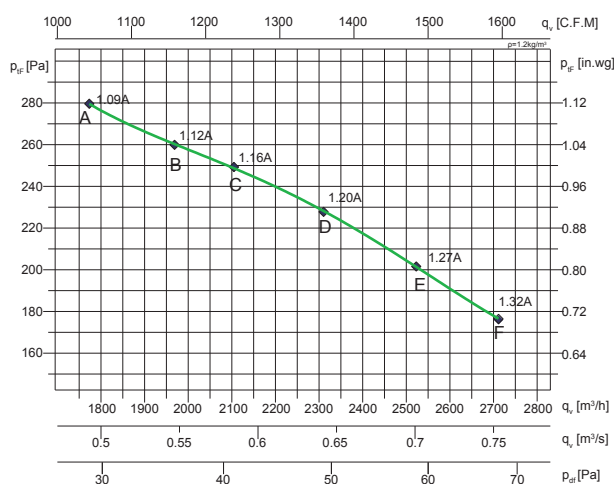
SYB225 II 0.32kW-6P



Type: SYB225 II			m: 16.7 kg				P _N : 0.32kW-6P		
			U: 380 v				f _i : 50HZ		
			I _N : 1.29 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	984	52.4	56.8	57.8	61.3	56.8	51.6	42.1	65.1
B	975	54.9	59.3	59.8	63.9	59.3	54.6	73.9	67.6
C	973	55.4	61.3	61.1	64.4	60.8	56.8	45.1	68.7
D	968	56.1	63.9	63.3	66.7	62.9	59.6	48.1	71.0
E	962	59.2	66.2	67.1	70.0	65.9	63.3	52.5	74.2
F	957	60.3	67.1	69.2	71.6	68.0	65.9	55.7	76.0

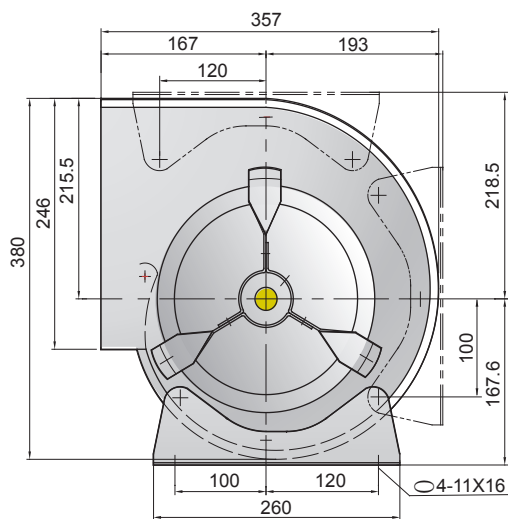
Technical Data

SYB225 II 0.45kW-4P

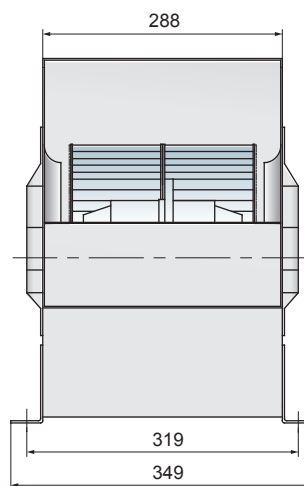


Type: SYB225 II			m: 16.65 kg			P _N : 0.45kW-4P			
			U: 380 v			f _i : 50HZ			
			I _N : 1.42 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wn} dB (A)
A	1379	62.4	67.5	64.6	69.2	67.9	65.1	55.6	74.5
B	1364	63.4	68.9	66.4	70.2	69.3	66.8	57.0	75.9
C	1356	63.3	69.7	68.0	71.5	70.5	68.3	58.5	77.0
D	1337	64.2	70.5	69.5	72.9	71.7	69.6	60.1	78.3
E	1319	65.1	71.0	70.8	74.1	72.7	70.7	61.3	79.3
F	1302	62.0	71.3	72.6	75.7	74.1	72.4	63.4	80.6

外形及安装尺寸



Overall Size



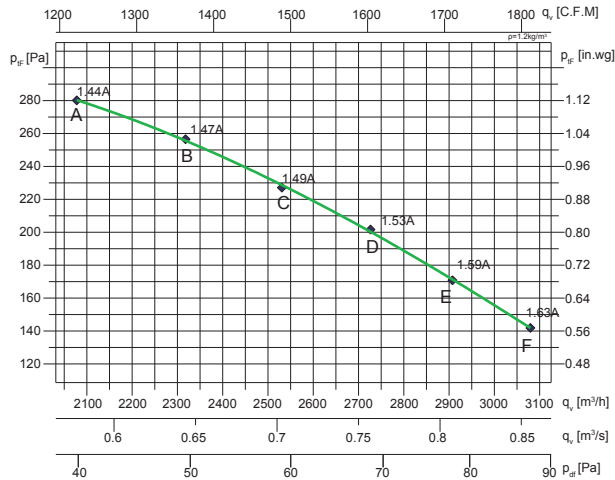
SYB 225 II

SYB 系列离心风机产品说明
The SYB Series Centrifugal Fan

技术参数

Technical Data

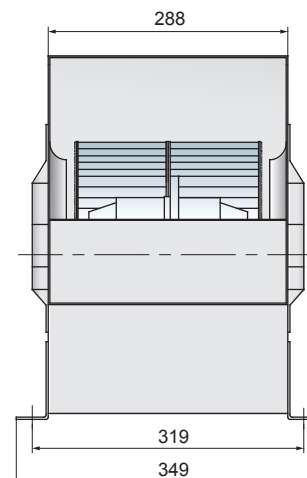
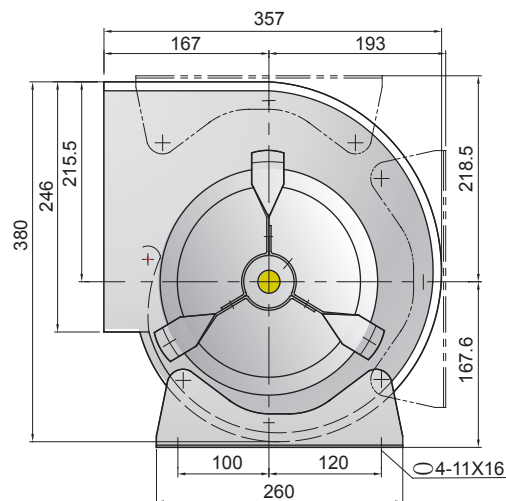
SYB225 II 0.55kW-4P



Type: SYB225 II			m: 17.8 kg			P _N : 0.55kW-4P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.68 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1335	57.4	67.1	67.5	70.0	68.7	66.5	60.4	75.3
B	1348	57.2	68.0	69.0	71.7	70.1	68.2	61.4	76.8
C	1359	57.1	68.8	70.5	73.5	71.5	70.0	62.4	78.3
D	1372	57.3	70.0	72.2	75.2	72.9	71.7	63.9	79.9
E	1386	58.1	70.8	74.3	77.0	74.7	73.9	66.0	81.7
F	1399	58.7	71.1	75.2	77.9	75.5	74.8	67.3	82.5

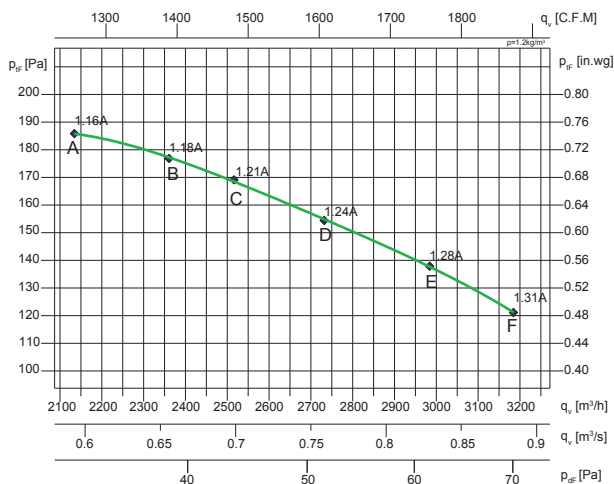
外形及安装尺寸

Overall Size



技术参数

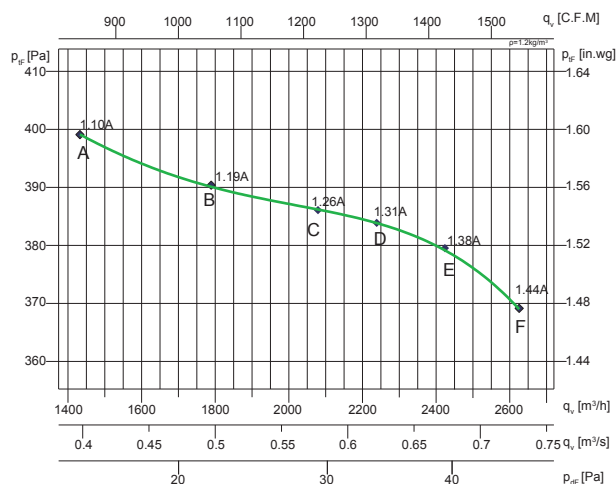
SYB225 III 0.37kW-6P



Type: SYB225 III			m: 18.4 kg			P _N : 0.37kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.37 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	948	56.9	60.5	62.5	68.8	59.5	57.9	59.6	71.3
B	939	56.4	63.1	64.6	71.3	63.9	62.3	60.5	73.8
C	933	57.4	64.4	66.2	74.2	66.0	64.7	60.3	76.2
D	926	59.8	66.5	68.7	73.8	69.2	68.6	62.6	77.3
E	915	60.2	67.7	70.0	74.7	70.9	70.5	64.3	78.6
F	907	61.1	68.6	71.6	76.3	73.0	72.6	66.5	80.4

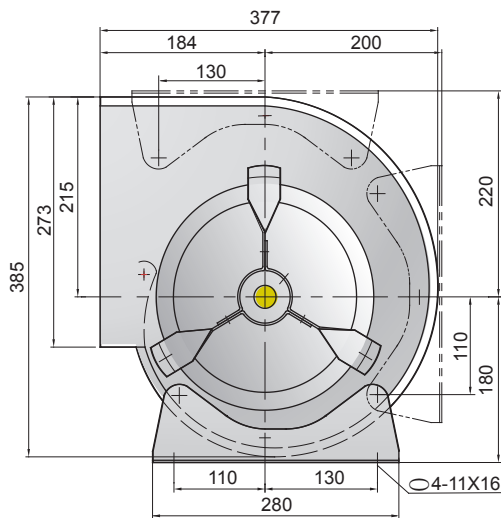
Technical Data

SYB225 III 0.45kW-4P

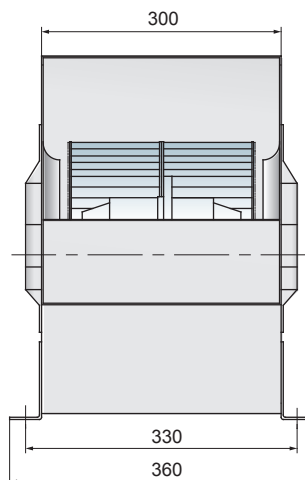


Type: SYB225 III			m: 18.35 kg				P _N : 0.45kW-4P		
			U: 380 v				f _i : 50HZ		
			I _N : 1.44 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1405	65.4	68.5	67.3	70.3	70.2	67.3	58.0	76.3
B	1384	64.3	68.1	67.1	70.6	70.2	67.6	58.4	76.3
C	1367	63.2	68.6	67.8	71.2	71.3	68.7	59.7	77.0
D	1353	62.0	68.6	68.4	71.7	71.4	69.4	60.8	77.4
E	1346	62.2	69.1	69.1	72.9	72.2	70.4	62.2	78.2
F	1326	62.0	69.2	69.8	73.8	72.7	71.5	63.9	79.0

外形及安装尺寸

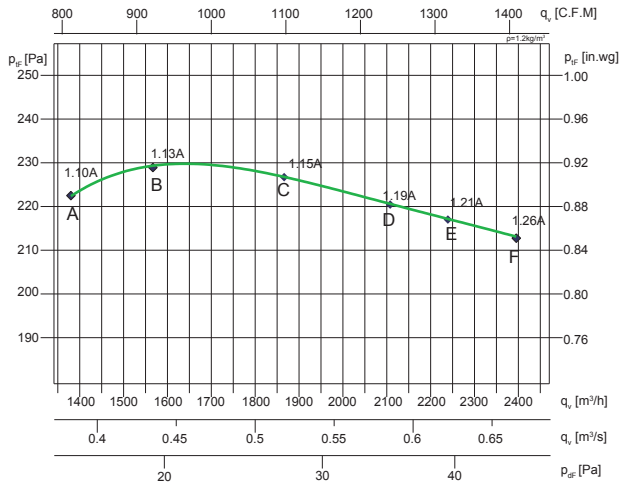


Overall Size



技术参数

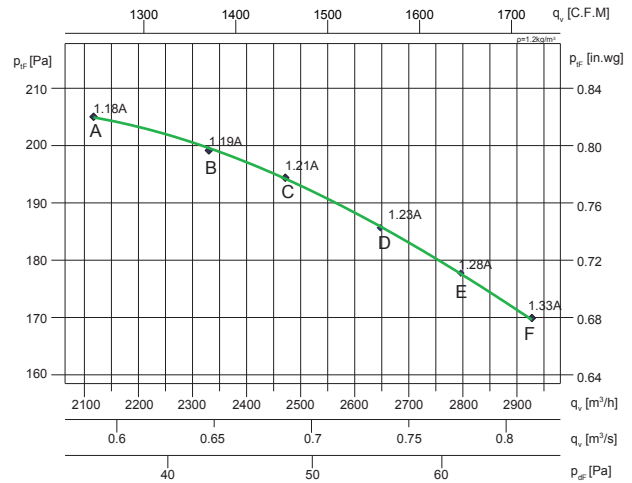
SYB250 I 0.32kW-6P



Type: SYB250 I			m: 20.4 kg			P _N : 0.32kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.29 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	965	56.5	62.9	64.1	69.1	63.8	60.9	50.0	72.3
B	958	54.2	62.7	65.2	69.7	65.7	63.7	53.2	73.3
C	947	55.2	63.2	65.9	70.3	66.9	65.3	55.5	74.1
D	938	55.9	63.9	66.7	71.5	67.7	66.3	57.1	75.1
E	938	57.5	65.1	67.9	72.5	69.6	68.4	60.2	76.5
F	927	57.4	65.4	68.7	73.4	70.5	69.5	61.6	77.4

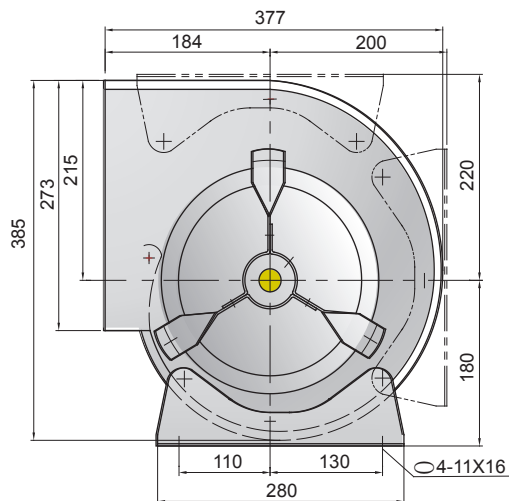
Technical Data

SYB250 I 0.37kW-6P

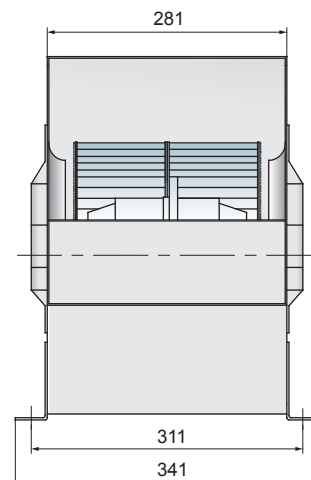


Type: SYB250 I			m: 20.4 kg			P _N : 0.37kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.37 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	910	55.3	63.1	66.0	70.2	67.0	65.2	55.7	74.1
B	914	56.0	63.8	66.8	71.4	67.8	66.2	57.2	75.1
C	918	57.6	65.0	68.0	72.4	69.7	68.3	60.3	76.5
D	927	57.5	65.3	68.8	73.3	70.6	69.4	61.7	77.4
E	932	57.6	66.0	69.7	74.6	71.6	70.7	63.4	78.5
F	941	58.2	66.7	70.8	75.4	72.8	71.9	64.8	79.5

外形及安装尺寸

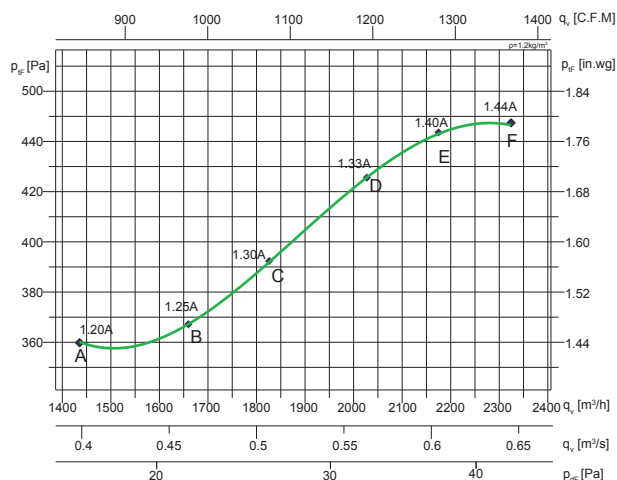


Overall Size



技术参数

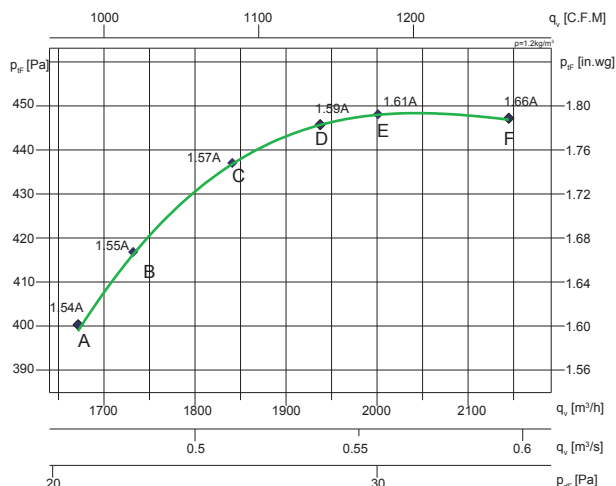
SYB250 I 0.45kW-4P



Type: SYB250 I			m: 20.35 kg				P _N : 0.45kW-4P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 1.42 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1309	60.3	69.1	71.4	76.3	73.9	72.9	65.6	80.5
B	1328	54.9	68.9	71.2	75.3	73.8	72.6	65.2	80.0
C	1339	60.7	69.1	70.6	74.8	72.8	71.7	64.0	79.4
D	1353	61.3	69.3	70.6	74.2	72.5	71.4	63.6	79.1
E	1368	63.3	70.1	70.6	73.9	72.1	70.9	63.0	79.0
F	1381	64.2	70.5	70.7	73.5	71.6	70.1	62.0	78.7

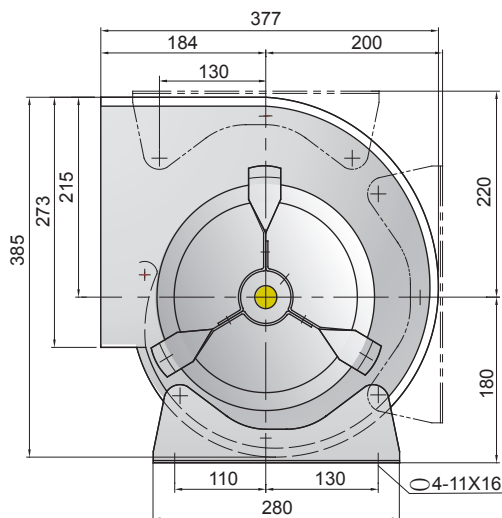
Technical Data

SYB250 I 0.55kW-4P

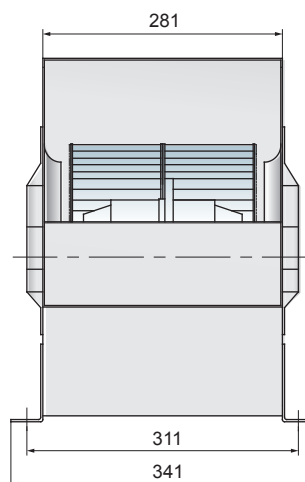


Type: SYB250 I			m: 21.5 kg			P _N : 0.55kW-4P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.68 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1390	64.6	70.7	70.5	73.5	71.5	70.0	62.0	78.7
B	1381	64.3	70.6	70.8	73.6	71.7	70.2	62.1	78.8
C	1375	64.1	70.4	70.9	73.9	72.0	70.7	62.6	79.0
D	1369	61.4	69.4	70.7	74.3	72.6	71.4	63.7	79.2
E	1361	60.8	69.2	70.7	74.9	72.9	71.8	64.1	79.5
F	1254	60.7	69.0	71.0	75.0	73.2	72.0	64.5	79.7

外形及安装尺寸



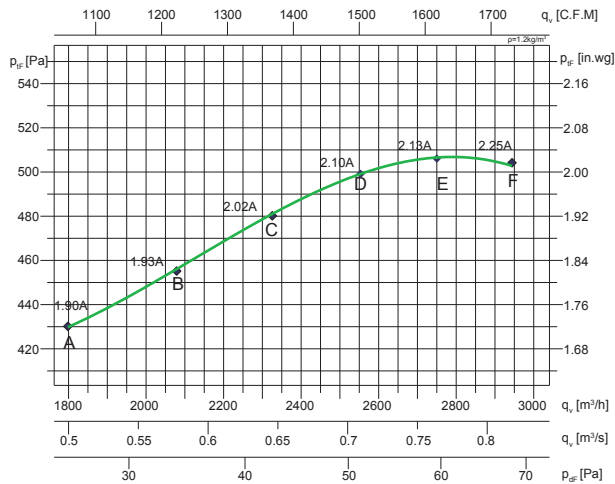
Overall Size



技术参数

Technical Data

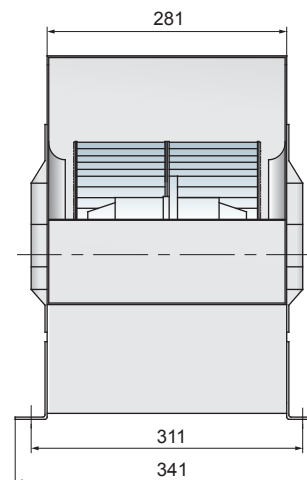
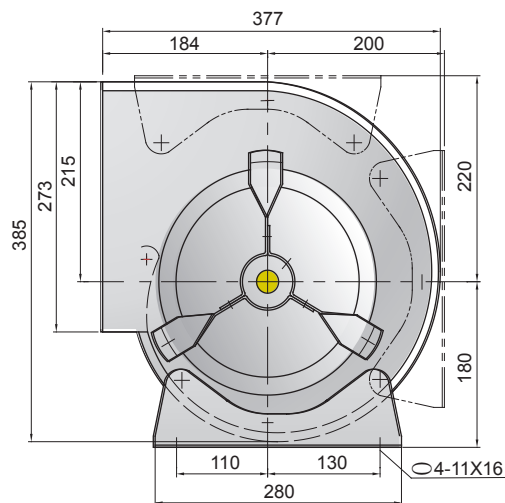
SYB250 I 0.8kW-4P



Type: SYB250 I			m: 23.65 kg			P _N : 0.8kW-4P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 2.31 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	1393	55.1	69.0	71.1	75.5	73.9	72.9	65.4	80.2
B	1401	60.8	69.0	70.8	75.1	73.3	72.2	64.6	79.7
C	1411	60.9	69.3	70.6	75.0	72.9	71.9	64.2	79.6
D	1420	61.5	69.5	70.5	74.4	72.7	71.6	63.8	79.3
E	1432	64.2	70.5	70.7	74.0	72.1	70.8	62.7	79.1
F	1437	64.4	70.7	70.7	73.7	71.8	70.4	62.2	78.9

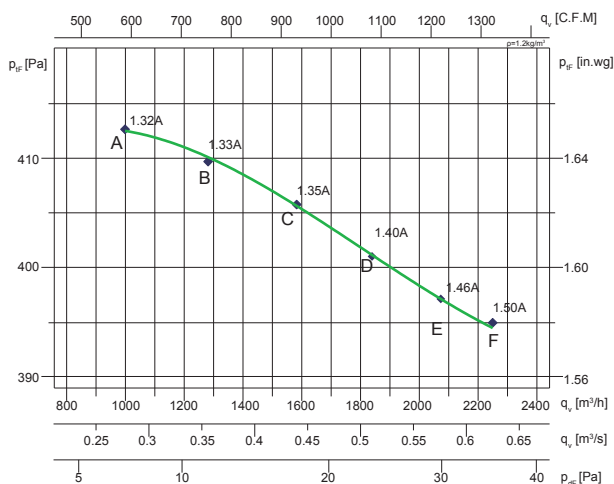
外形及安装尺寸

Overall Size



技术参数

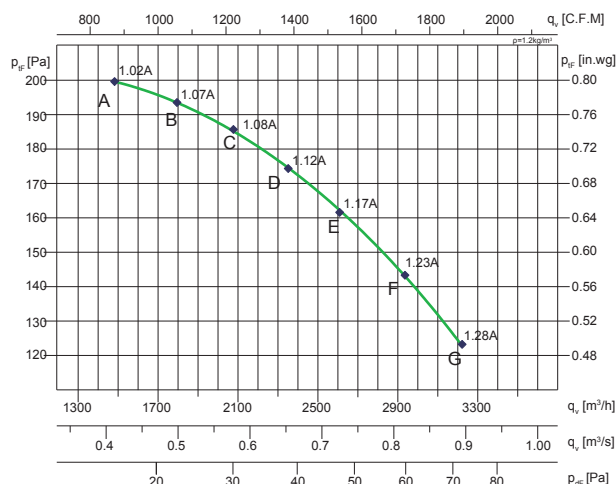
SYB250 II 0.45kW-4P



Type: SYB250 II			m: 19.5 kg				P _N : 0.45kW-4P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 1.5 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	1395	65.3	65.3	70.8	73.5	72.2	70.3	62.8	78.5
B	1403	65.1	65.1	69.8	72.1	70.8	68.5	59.6	77.2
C	1410	66.3	66.2	69.9	71.9	70.4	68.1	60.8	77.2
D	1423	67.8	67.8	70.3	72.2	70.6	68.1	68.9	78.1
E	1435	68.3	68.3	70.8	72.7	70.7	68.3	66.4	78.3
F	1438	69.4	69.5	70.6	73.9	70.8	69.5	67.5	79.6

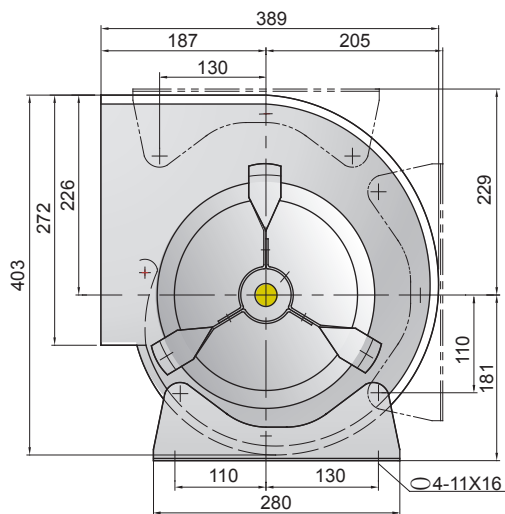
Technical Data

SYB250 II 0.45kW-6P

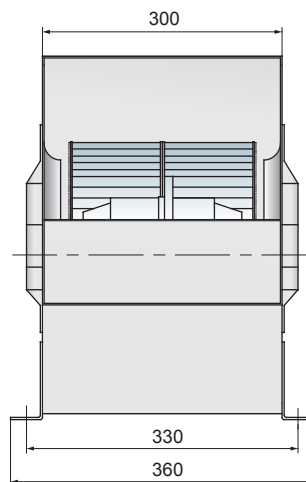


Type: SYB250 II			m: 20 kg			P _N : 0.45kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.62 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	972	68.2	71.8	68.3	68.0	70.1	67.1	66.5	77.3
B	967	67.7	71.2	69.4	69.2	70.6	69.0	69.0	77.9
C	961	66.1	71.0	69.9	70.9	70.5	68.2	61.0	77.1
D	954	65.2	71.8	70.8	73.5	72.2	70.4	63.0	78.5
E	937	64.3	72.2	72.5	75.6	74.5	73.1	65.4	80.1
F	929	63.8	72.5	74.2	77.8	75.3	74.3	66.4	81.2

外形及安装尺寸



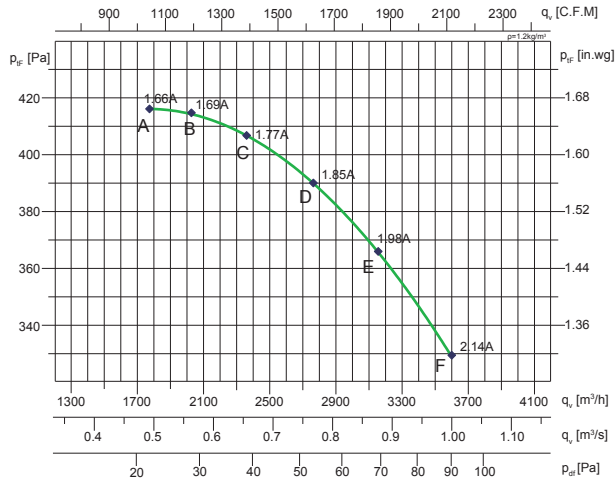
Overall Size



技术参数

Technical Data

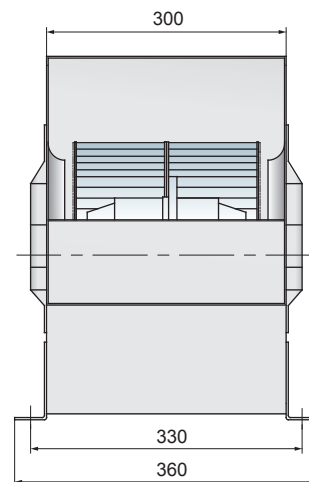
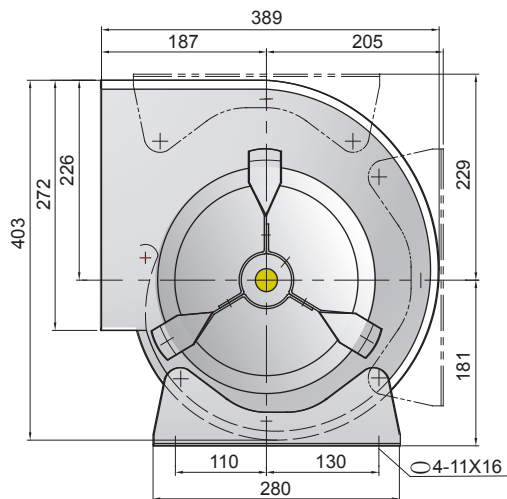
SYB250 II 0.8kW-4P



Type: SYB250 II			m: 22.45 kg				P _N : 0.8kW-4P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 2.31 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1434	68.2	71.8	70.8	72.7	70.7	68.5	66.5	78.8
B	1425	67.7	72.2	70.3	72.2	70.6	68.2	69.0	78.8
C	1412	66.1	72.0	69.9	71.9	70.5	68.2	61.0	78.1
D	1394	65.2	72.8	70.8	73.5	72.2	70.4	63.0	79.4
E	1378	64.3	73.2	72.5	75.6	74.5	73.1	65.4	81.1
F	1355	63.8	73.5	74.2	77.8	76.6	80.5	76.6	85.0

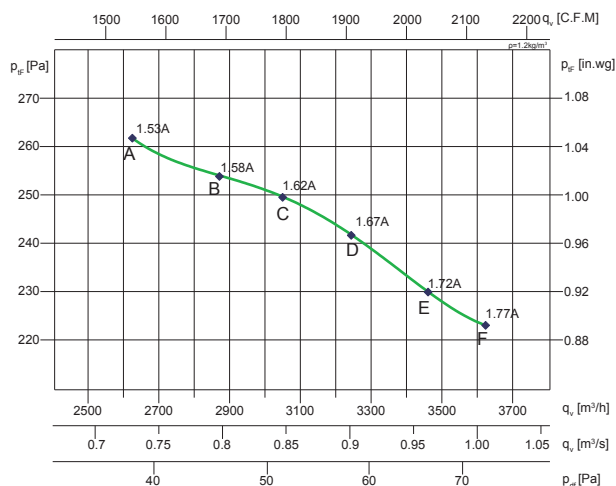
外形及安装尺寸

Overall Size



技术参数

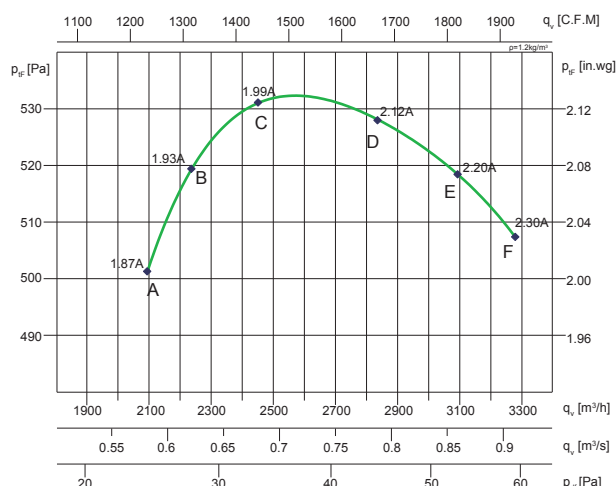
SYB280 I 0.55kW-6P



Type: SYB280 I			m: 24 kg			P _N : 0.55kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 1.83 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	941	56.6	63.8	66.5	69.9	65.1	64.3	60.8	73.8
B	932	56.2	64.5	67.7	71.5	67.2	66.5	62.1	75.4
C	927	58.0	64.8	68.6	72.8	68.4	67.9	62.4	76.5
D	920	58.8	66.4	70.7	74.6	71.0	70.7	64.5	78.6
E	912	59.6	67.1	71.7	75.8	72.3	72.0	65.6	79.6
F	905	59.6	68.0	72.9	76.8	73.7	73.3	66.8	80.9

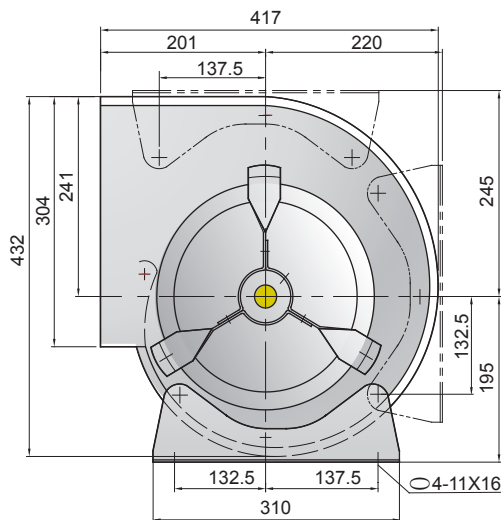
Technical Data

SYB280 I 0.8kW-4P

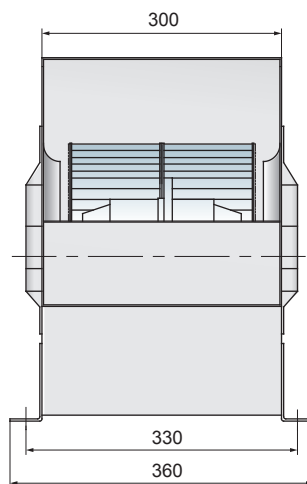


Type: SYB280 I			m: 32.2 kg			P _N : 0.8kW-4P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 2.31 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1388	64.1	70.0	69.7	73.7	70.7	69.9	62.9	78.4
B	1379	61.8	68.9	69.5	74.0	71.2	70.6	69.2	78.8
C	1371	60.1	68.5	70.1	75.6	72.3	71.8	64.8	79.5
D	1347	60.1	68.7	70.7	76.4	73.1	72.5	65.2	80.2
E	1335	59.6	68.0	72.9	76.8	73.7	73.3	66.8	80.9
F	1317	60.2	69.0	71.0	77.3	74.0	73.6	66.7	81.1

外形及安装尺寸

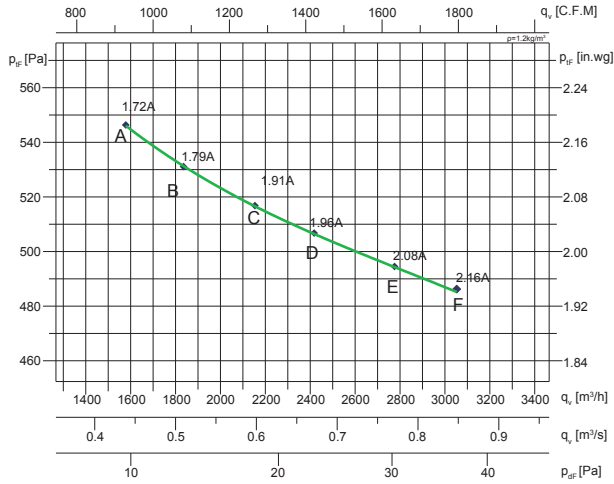


Overall Size



技术参数

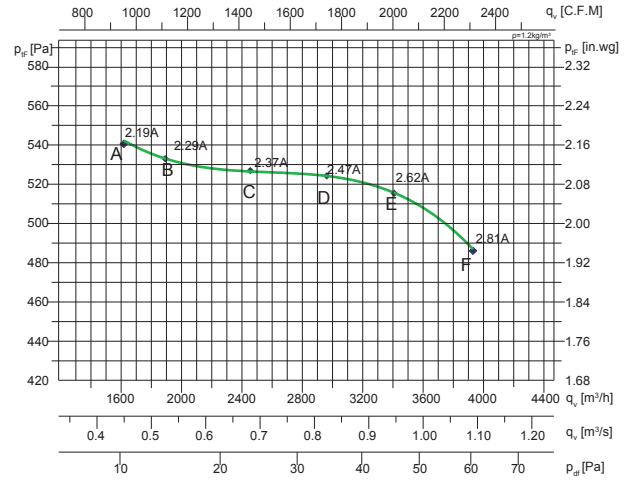
SYB280 II 0.8kW-4P



Type: SYB280 II			m: 31.7 kg			P _N : 0.8kW-4P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 2.31 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1411	59.1	64.7	67.4	67.7	65.2	64.2	59.3	73.4
B	1405	58.7	66.7	69.1	68.9	66.2	65.4	59.6	74.8
C	1390	58.2	67.1	70.2	70.1	67.5	66.8	60.3	75.8
D	1379	59.1	67.9	70.7	71.2	68.8	68.1	61.0	76.7
E	1366	58.5	68.9	72.1	72.5	70.3	69.6	62.2	78.0
F	1353	58.1	70.0	73.6	74.0	71.8	71.2	63.4	79.5

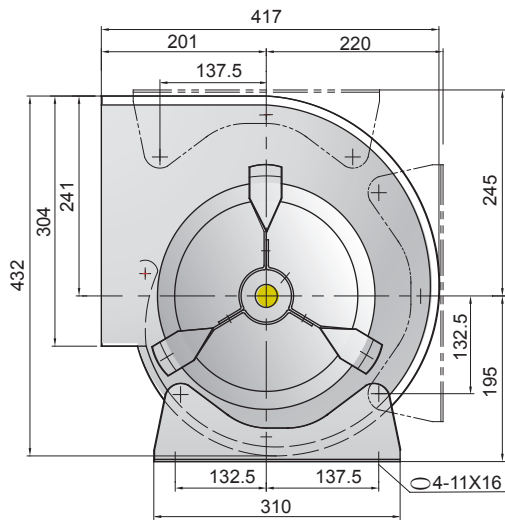
Technical Data

SYB280 II 1kW-4P

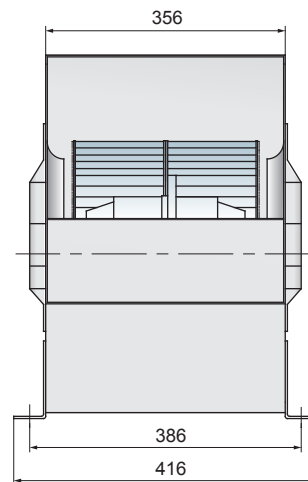


Type: SYB280 II			m: 29.5 kg			P _N : 1kW-4P			
			U: 380 v			f _i : 50HZ			
			I _N : 3.02 A			IP: IP54			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wm} dB (A)
A	1442	70.5	75.0	73.3	75.3	73.1	71.5	63.6	81.3
B	1439	70.6	74.6	73.2	74.8	72.9	71.5	63.7	81.0
C	1426	67.0	75.5	72.7	74.3	71.8	70.8	63.9	80.6
D	1413	65.6	74.4	74.1	75.9	73.6	72.3	64.7	81.4
E	1399	65.2	74.3	74.8	77.8	75.3	74.0	66.6	82.7
F	1385	64.8	74.6	76.5	79.6	77.7	76.5	66.6	84.5

外形及安装尺寸

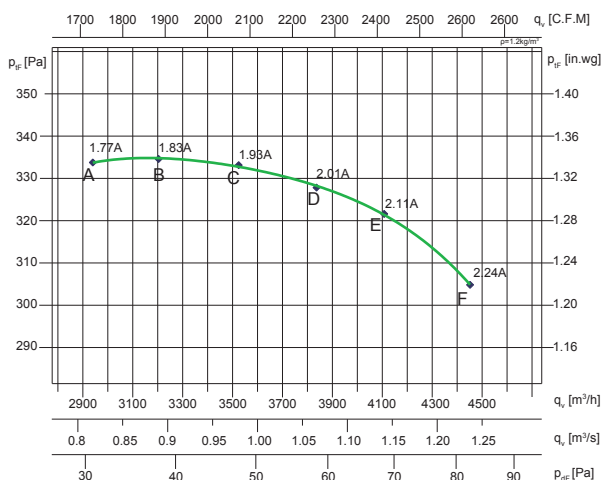


Overall Size



技术参数

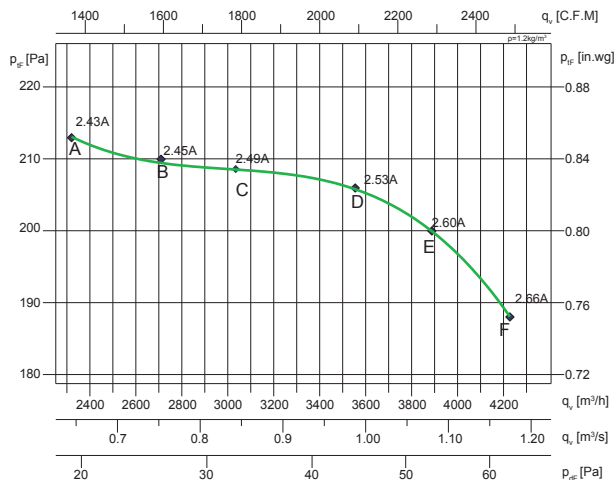
SYB315 I 0.8kW-6P



Type: SYB315 I			m: 42.2 kg				P _N : 0.8kW-6P		
			U: 380 v				f _i : 50HZ		
			I _N : 2.35 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	952	61.3	67.5	68.6	68.7	66.1	65.3	61.2	74.9
B	947	60.7	68.8	71.1	70.7	68.1	67.4	61.8	76.7
C	940	60.2	69.1	72.2	72.0	69.4	68.8	62.5	77.7
D	932	61.1	70.0	72.7	73.1	70.7	70.1	63.2	78.7
E	925	60.5	71.0	74.0	74.4	72.2	71.7	64.3	80.0
F	916	60.1	72.1	75.5	75.9	73.7	73.2	65.6	81.4

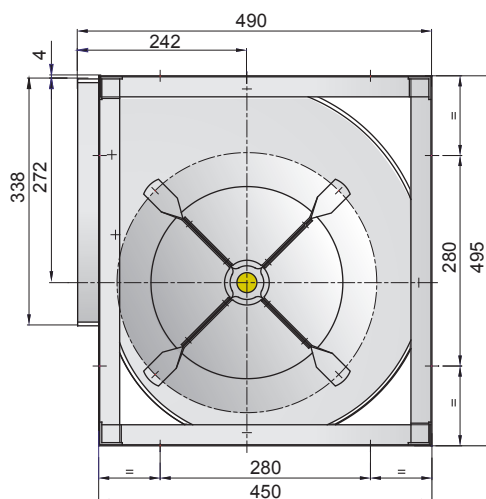
Technical Data

SYB315 I 0.8kW-8P

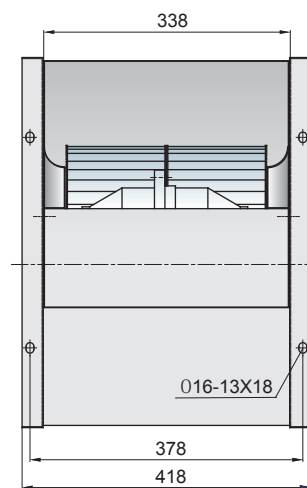


Type: SYB315 I			m: 43.8 kg			P _N : 0.8kW-8P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 2.69 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	745	54.9	59.3	63.9	70.0	57.1	56.7	59.7	71.9
B	743	54.8	59.3	63.0	72.1	58.6	57.1	59.5	73.3
C	741	54.7	59.7	63.7	70.0	59.5	57.9	59.5	72.0
D	739	54.4	60.8	64.5	71.2	61.3	59.5	59.8	73.1
E	737	55.1	62.2	65.7	70.3	62.9	61.2	59.6	73.1
F	732	56.1	64.9	67.3	71.9	65.7	64.2	59.9	75.0

外形及安装尺寸

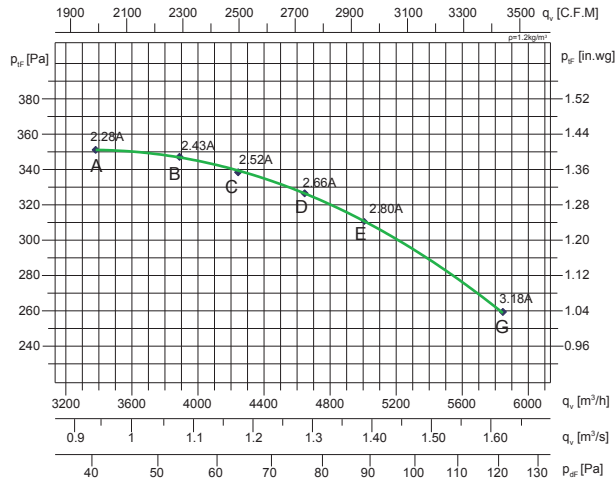


Overall Size



技术参数

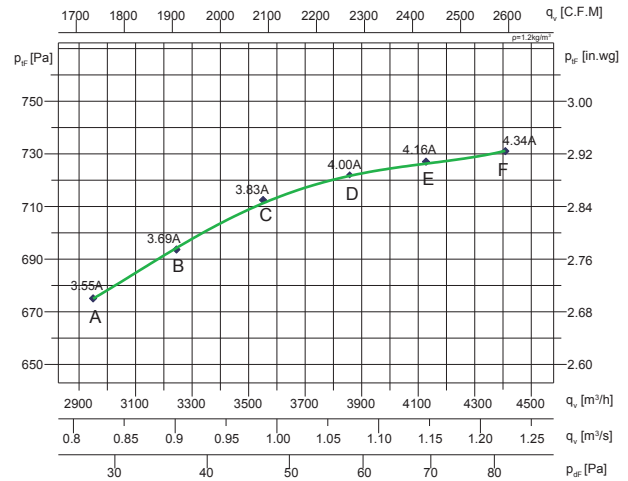
SYB315 I 1.1kW-6P



Type: SYB315 I			m: 43.8 kg			P _N : 1.1kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 3.3 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	958	61.5	67.2	69.9	70.0	67.5	66.7	61.9	75.8
B	952	61.2	69.2	71.5	71.2	68.6	67.9	62.3	77.2
C	944	60.7	69.6	72.6	72.4	69.9	69.3	62.9	78.2
D	934	61.5	70.4	73.1	73.5	71.1	70.6	63.6	79.2
E	928	61.0	71.4	74.5	74.8	72.6	72.1	64.8	80.5
F	903	61.9	73.5	77.3	77.5	75.4	75.0	67.4	83.1

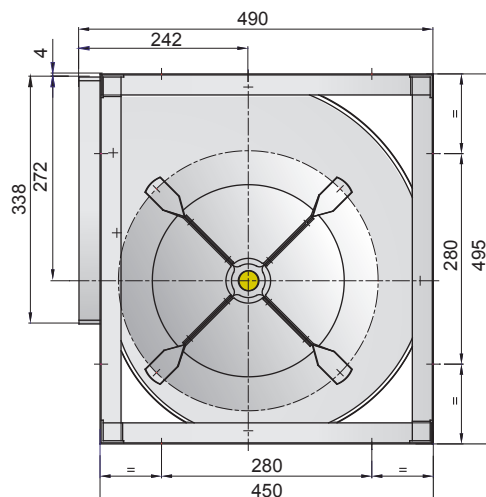
Technical Data

SYB315 I 1.8kW-4P

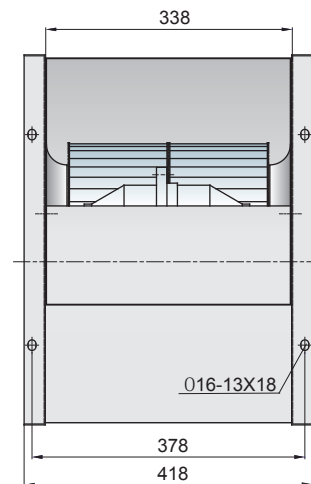


Type: SYB315 I			m: 46.7 kg				P _N : 1.8kW-4P		
			U: 380 v				f _i : 50HZ		
			I _N : 4.47 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1447	59.3	60.5	60.5	63.0	61.0	59.9	53.2	68.8
B	1443	58.4	60.2	59.8	63.5	60.6	60.0	53.4	68.6
C	1436	54.2	59.4	58.8	63.4	60.0	59.7	53.3	68.0
D	1428	52.5	59.2	59.1	63.4	60.6	60.4	54.0	68.1
E	1422	52.5	58.7	59.5	64.3	61.3	60.9	54.8	68.7
F	1415	51.2	58.9	60.0	64.7	61.6	61.4	55.5	69.0

外形及安装尺寸

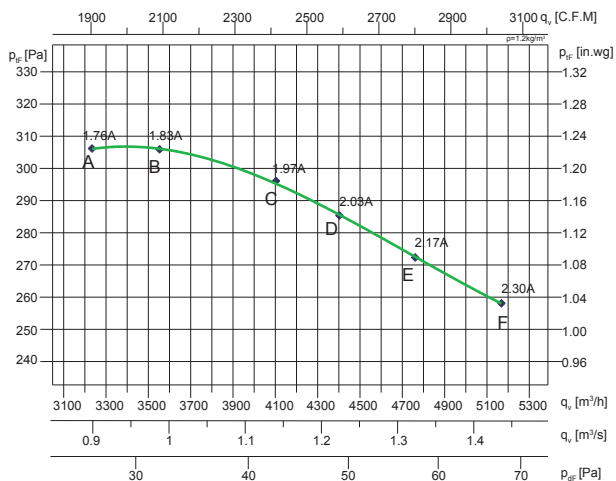


Overall Size



技术参数

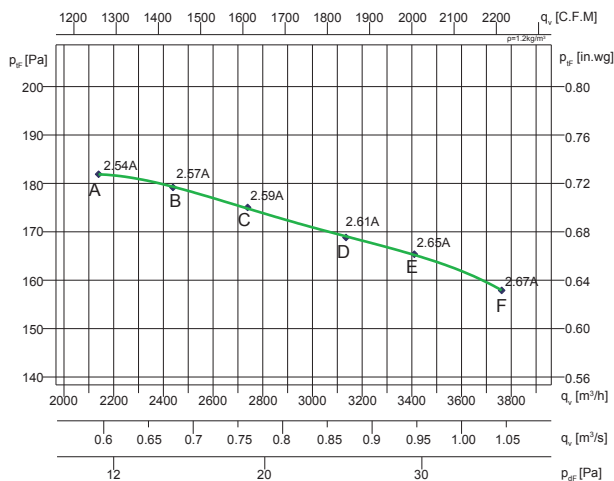
SYB315 II 0.8kW-6P



Type: SYB315 II			m: 40.5 kg				P _N : 0.8kW-6P		
			U: 380 v				f _i : 50HZ		
			I _N : 2.3 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	955	57.6	61.9	62.1	64.2	62.3	61.4	52.5	69.8
B	949	58.6	62.4	63.6	66.1	64.2	63.7	55.2	71.5
C	938	59.4	63.3	65.8	68.7	66.8	66.5	58.7	73.8
D	930	59.4	64.8	67.5	70.7	68.8	68.5	61.0	75.7
E	926	60.0	65.9	69.2	72.2	70.6	70.5	63.1	77.4
F	912	60.0	67.3	70.6	74.3	72.4	72.2	65.0	79.1

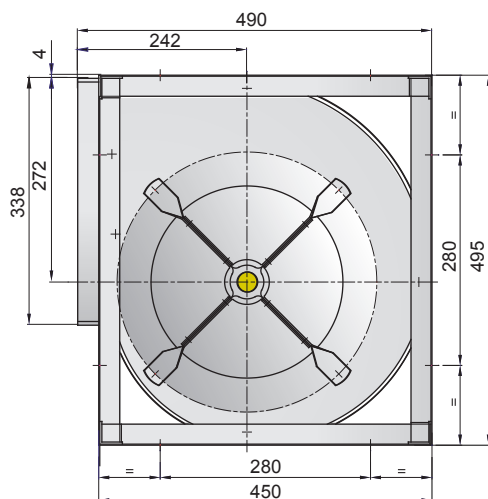
Technical Data

SYB315 II 0.8kW-8P

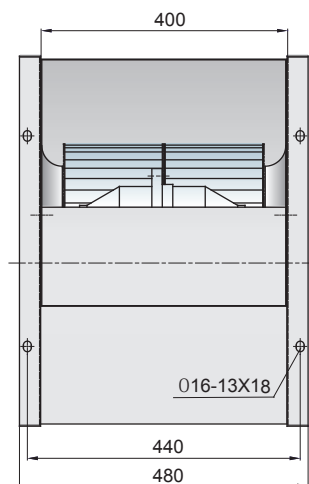


Type: SYB315 II			m: 42.1 kg			P _N : 0.8kW-8P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 2.69 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	739	47.5	51.6	53.5	58.3	50.3	47.7	40.3	61.1
B	738	47.6	51.7	53.3	55.8	51.0	48.5	40.4	60.0
C	736	47.5	52.2	54.5	56.4	52.0	49.9	40.9	60.8
D	732	47.5	52.3	54.9	56.7	52.6	50.8	41.4	61.2
E	729	48.2	52.8	55.0	55.8	54.2	52.9	43.4	61.6
F	723	48.5	54.1	56.3	58.1	56.0	55.3	46.3	63.4

外形及安装尺寸

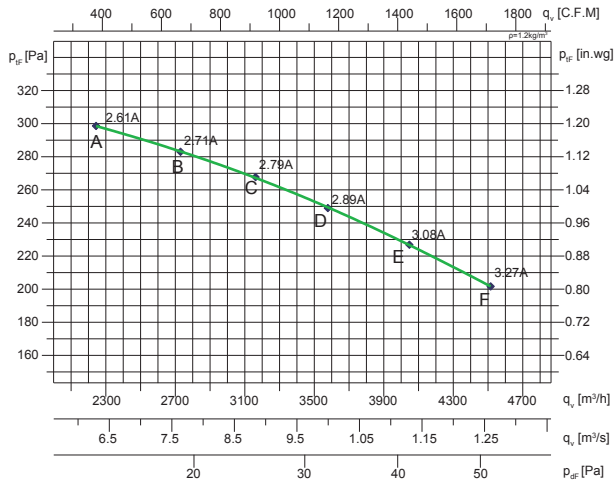


Overall Size



技术参数

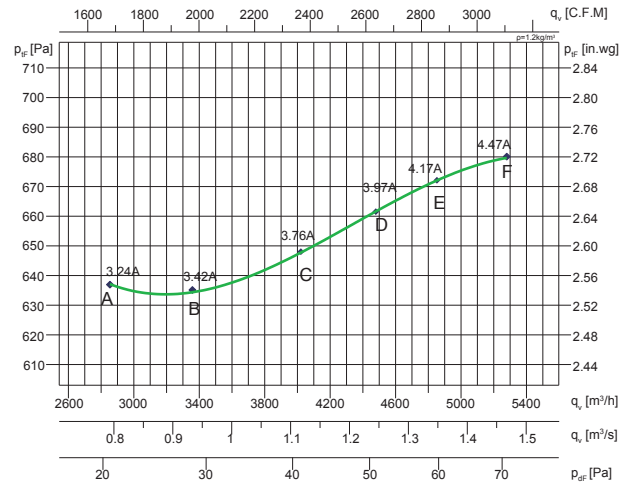
SYB315 II 1.1kW-6P



Type: SYB315 II			m: 42.1 kg				P _N : 1.1kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 3.3 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	957	57.5	61.7	62.0	64.1	62.1	61.3	52.4	69.7
B	952	58.4	62.3	63.4	66.0	64.0	63.5	55.1	71.3
C	944	59.3	63.2	65.6	68.5	66.6	66.3	58.6	73.7
D	938	59.2	64.7	67.4	70.5	68.6	68.4	60.9	75.6
E	930	59.8	65.7	69.1	72.0	70.4	70.3	62.9	77.2
F	924	59.8	67.1	70.5	74.1	72.2	72.1	64.9	79.0

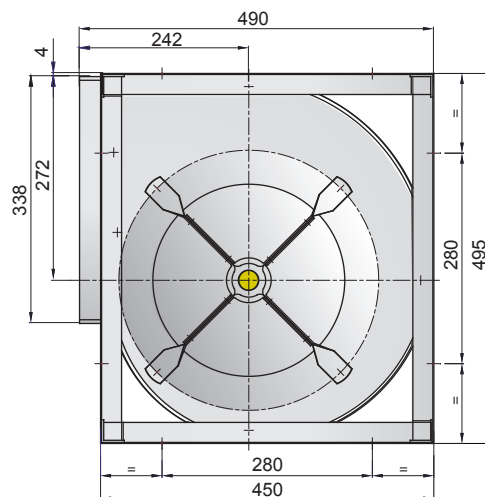
Technical Data

SYB315 II 1.8kW-4P

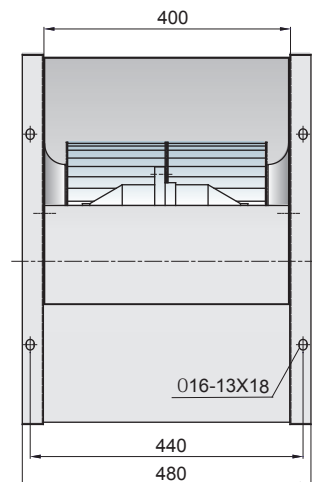


Type: SYB315 II			m: 42 kg			P _N : 1.8kW-4P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 4.47 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _w dB (A)
A	1455	75.7	77.9	75.8	79.7	78.0	76.6	69.2	85.4
B	1446	73.1	77.7	76.7	80.5	79.0	77.5	70.1	85.9
C	1434	73.2	77.8	77.5	81.6	80.1	78.7	71.2	86.8
D	1426	76.4	78.3	78.3	82.7	81.3	79.8	72.4	87.9
E	1415	76.2	79.3	79.5	83.6	82.6	81.0	73.7	88.9
F	1407	76.2	79.5	80.4	83.4	83.5	82.1	74.8	89.5

外形及安装尺寸

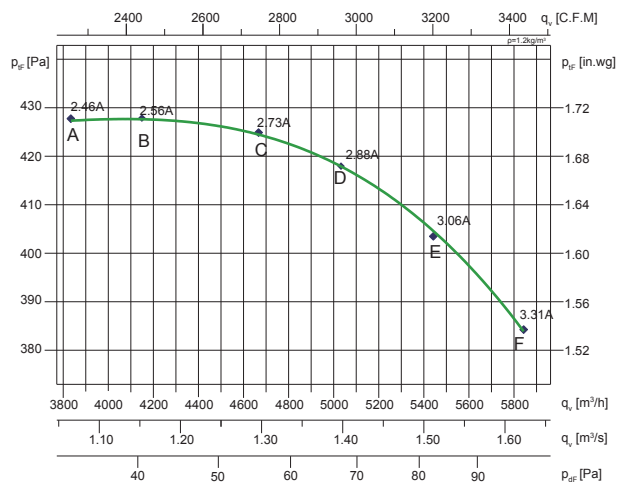


Overall Size



技术参数

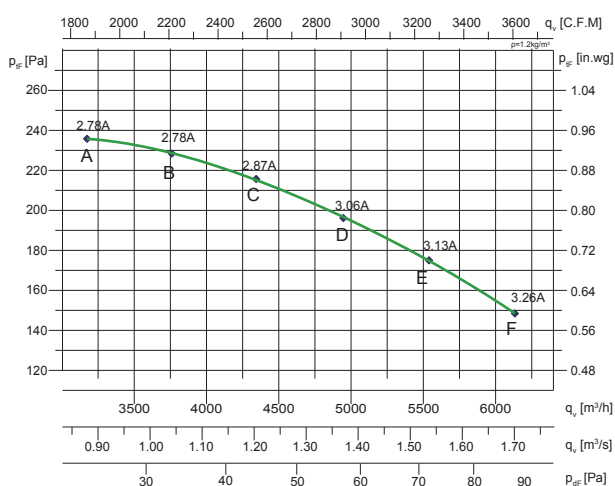
SYB355 I 1.1kW-6P



Type: SYB355 I			m: 46.8 kg				P _N : 1.1kW-6P		
			U: 380 v				f _i : 50HZ		
			I _N : 3.3 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	958	63.9	66.7	71.8	75.2	71.7	71.1	64.6	79.4
B	950	64.8	67.3	72.9	76.9	73.5	72.7	65.7	80.9
C	941	64.4	67.9	74.0	78.2	75.2	74.1	67.0	82.2
D	932	65.5	69.0	75.5	79.7	77.0	75.8	68.7	83.7
E	924	65.9	69.9	76.4	81.1	78.6	77.2	70.1	85.1
F	911	68.7	71.1	77.4	82.4	80.2	78.8	71.7	86.5

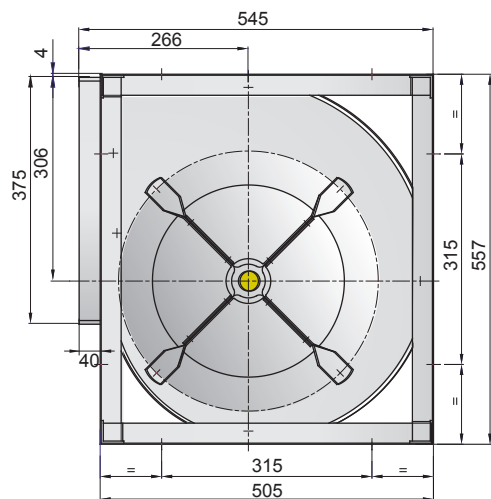
Technical Data

SYB355 I 1.1kW-8P

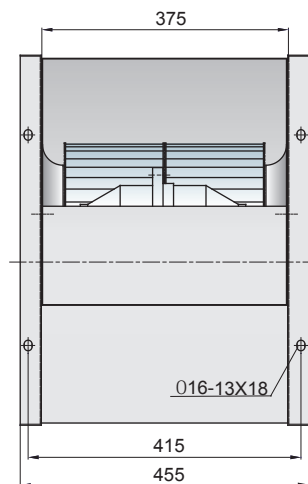


Type: SYB355 I			m: 53 kg				P _N : 1.1kW-8P		
			U: 380 v				f _i : 50HZ		
			I _N : 3.67 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	734	55.7	58.5	62.0	62.2	58.1	55.1	45.6	67.3
B	730	57.2	59.3	64.3	63.8	61.7	59.9	48.2	69.5
C	725	58.6	60.5	67.0	66.1	64.4	63.6	52.0	72.1
D	722	58.7	62.6	68.2	69.1	67.2	66.7	56.6	74.4
E	716	61.2	63.7	71.1	71.8	69.7	69.3	60.6	77.1
F	710	60.8	65.7	72.9	74.1	72.2	71.7	64.0	79.3

外形及安装尺寸



Overall Size

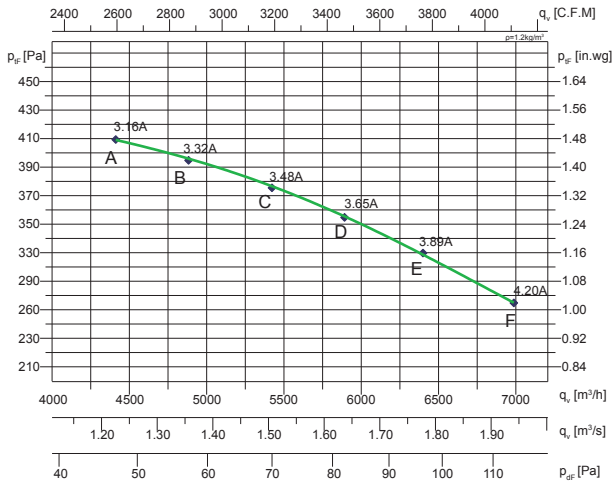


SYB 355 I

SYB 系列离心风机产品说明
The SYB Series Centrifugal Fan

技术参数

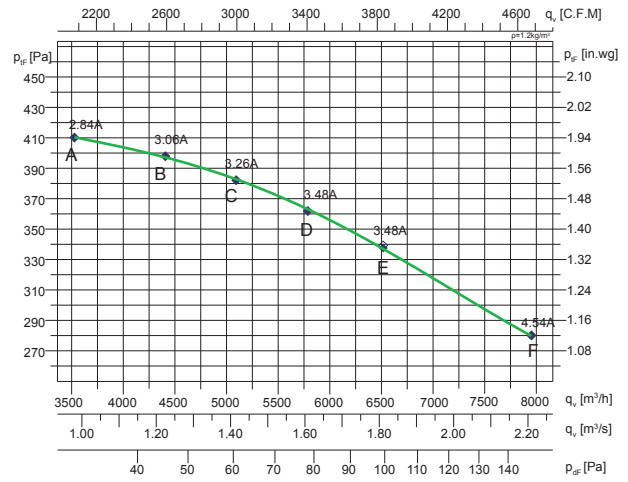
SYB355 I 1.5kW-6P



Type: SYB355 I			m: 53 kg				P _N : 1.5kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 4.2 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	961	65.1	67.5	73.1	77.2	73.8	72.9	66.0	81.1
B	956	64.6	68.2	74.2	78.5	75.4	74.4	67.3	82.4
C	949	65.7	69.2	75.7	80.0	77.3	76.1	68.9	84.0
D	943	66.1	70.2	76.7	81.4	78.8	77.5	70.3	85.3
E	936	68.9	71.3	77.7	82.6	80.4	79.0	71.9	86.7
F	927	68.0	72.6	79.0	84.1	82.4	84.6	73.7	89.3

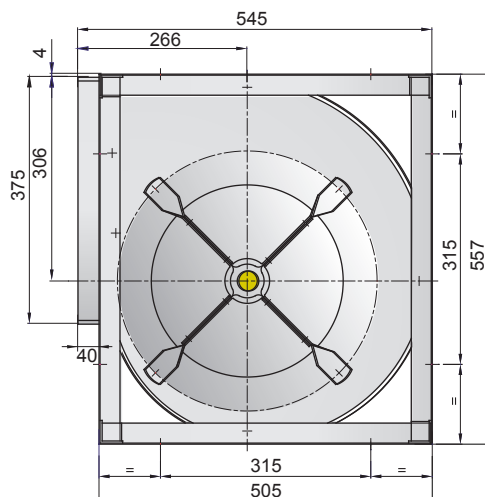
Technical Data

SYB355 I 1.8kW-6P

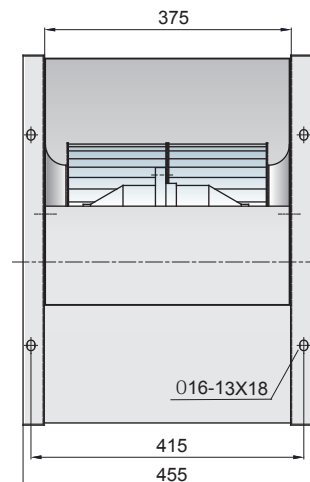


Type: SYB355 I		m: 55.6 kg		P _N : 1.8kW-6P					
		U: 380 v		f ₁ : 50HZ					
		I _N : 4.8 A		IP: IP44					
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	965	63.7	69.2	72.3	76.3	72.9	72.1	64.7	80.4
B	956	64.2	70.8	74.4	78.4	75.4	74.4	66.8	82.5
C	948	65.0	71.3	75.7	79.9	77.5	76.3	68.8	84.1
D	939	67.0	72.7	76.8	81.7	79.4	78.1	70.8	85.8
E	929	67.5	74.1	78.1	83.4	81.3	79.9	72.7	87.5
F	906	69.4	75.6	79.5	84.8	83.2	81.6	74.4	89.1

外形及安装尺寸



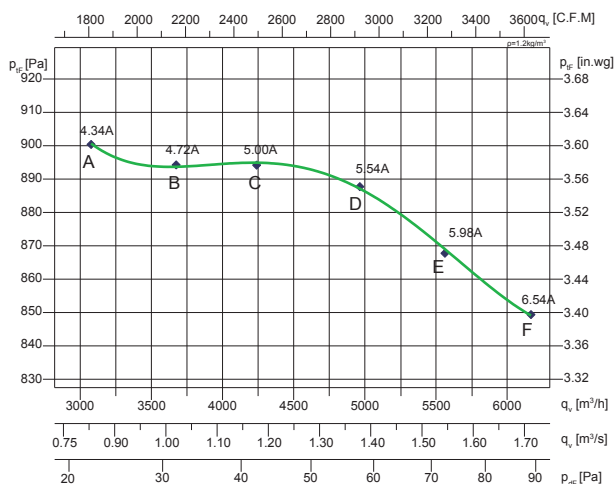
Overall Size



技术参数

Technical Data

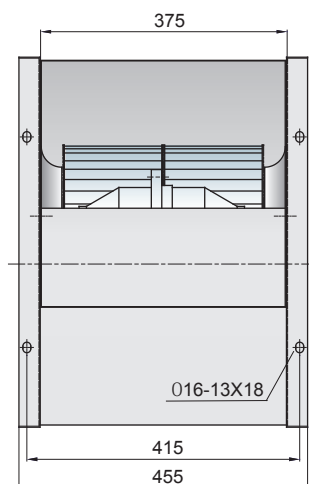
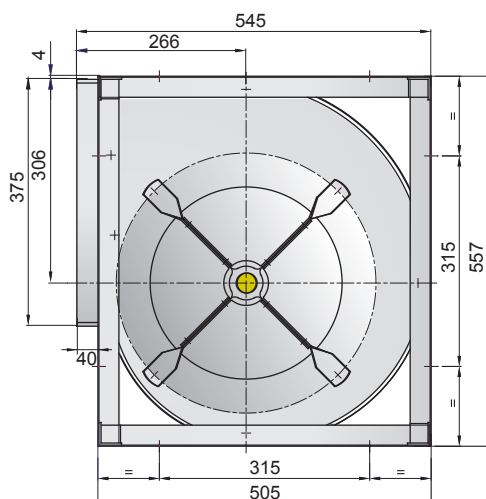
SYB355 I 3kW-4P



Type: SYB355 I			m: 57 kg				P _N : 3kW-4P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 6.95 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	1466	73.0	75.5	76.9	79.3	77.5	76.4	69.9	84.8
B	1462	72.8	74.3	75.7	79.4	77.3	76.5	70.3	84.5
C	1456	72.4	75.2	76.7	80.5	78.1	77.3	71.2	85.3
D	1448	71.6	75.7	77.9	81.9	79.4	78.2	72.2	86.4
E	1439	71.0	75.8	78.8	82.9	80.6	79.4	73.2	87.4
F	1440	69.6	76.1	80.1	85.4	83.6	81.8	75.7	89.6

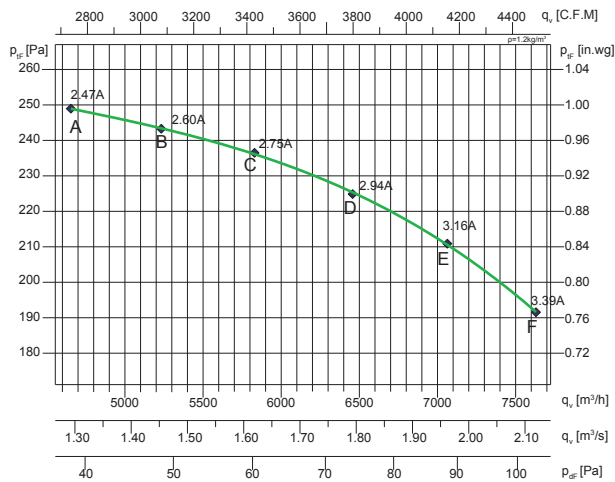
外形及安装尺寸

Overall Size



技术参数

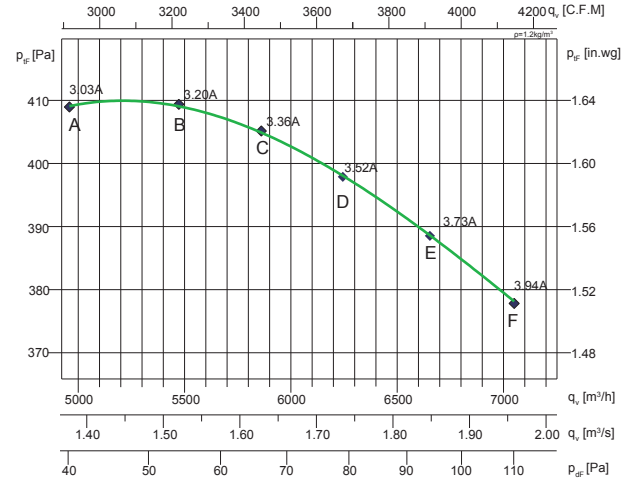
SYB355 II 1.1kW-8P



Type: SYB355 II			m: 53.8 kg				P _N : 1.1kW-8P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 3.67 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	731	57.5	59.6	64.6	64.1	62.0	60.3	48.6	69.9
B	732	58.9	60.9	67.4	66.5	64.8	64.0	52.3	72.5
C	716	59.1	63.0	68.5	69.4	67.5	67.1	56.9	74.8
D	716	61.5	64.0	71.4	72.2	70.1	69.7	61.0	77.4
E	705	61.2	66.0	73.3	74.5	72.6	72.1	64.3	79.6
F	698	62.6	67.7	74.2	76.7	74.8	74.1	67.0	81.5

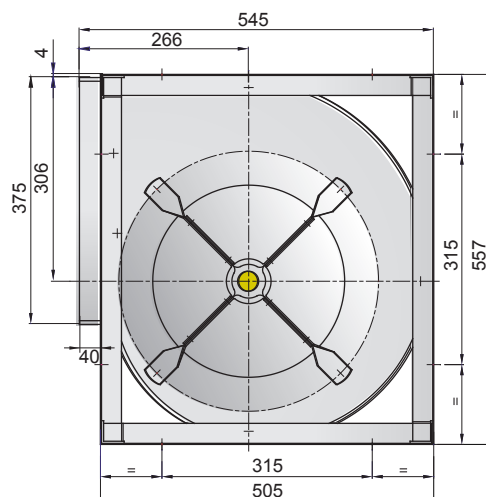
Technical Data

SYB355 II 1.5kW-6P

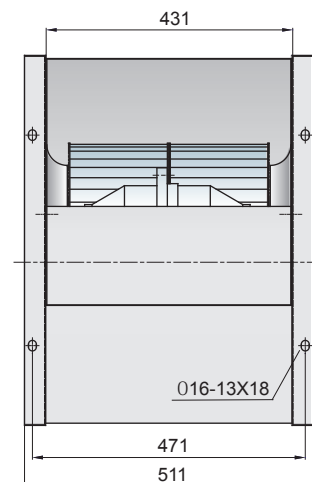


Type: SYB355 II			m: 53.8 kg				P _N : 1.5kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 4.2 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	951	68.1	71.0	72.2	77.0	74.4	75.7	69.3	82.0
B	944	69.9	71.5	74.5	77.7	76.1	75.3	70.1	82.9
C	938	74.4	71.7	74.6	78.7	77.6	75.1	67.5	83.8
D	931	70.8	71.8	75.1	79.3	78.3	76.1	68.4	84.2
E	923	73.6	73.1	76.5	80.6	79.3	77.1	69.7	85.4
F	916	69.2	73.4	76.8	81.5	80.5	78.3	71.1	86.1

外形及安装尺寸

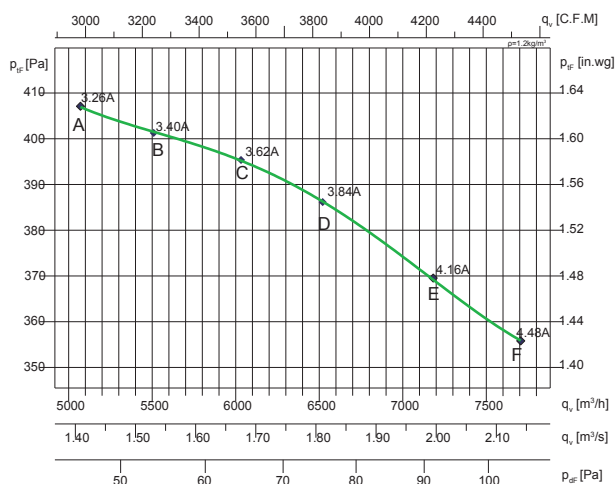


Overall Size



技术参数

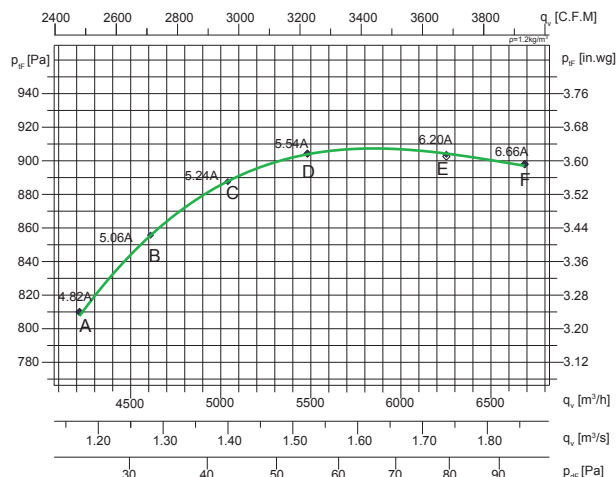
SYB355 II 1.8kW-6P



Type: SYB355 II			m: 56.4 kg			P _N : 1.8kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 4.8 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	956	68.4	71.3	72.5	77.3	74.7	76.1	69.7	82.3
B	950	70.2	71.8	74.8	78.1	76.4	75.6	70.5	83.3
C	943	74.7	72.1	75.0	79.1	78.0	75.5	67.9	84.2
D	936	71.1	72.1	75.5	79.7	78.6	76.5	68.7	84.5
E	925	74.0	73.5	76.9	80.9	79.6	77.5	70.0	85.8
F	917	69.5	73.7	77.1	81.8	80.9	78.6	71.4	86.5

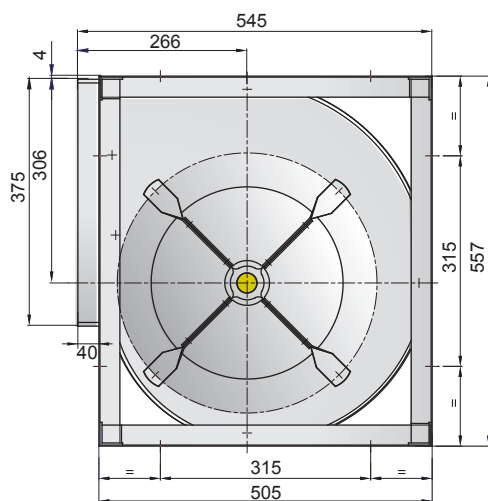
Technical Data

SYB355 II 3kW-4P

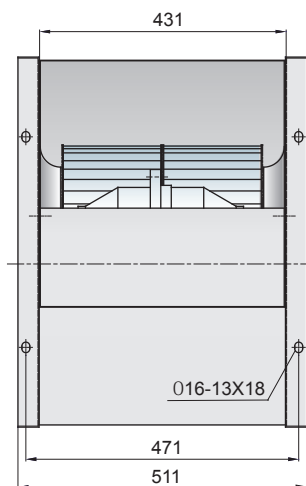


Type: SYB355 II			m: 57.8 kg				P _N : 3kW-4P		
			U: 380 v				f _i : 50HZ		
			I _N : 6.69 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	1479	74.5	76.1	78.2	79.8	79.0	77.2	70.1	85.7
B	1441	73.6	76.6	77.8	79.7	76.8	77.1	70.2	85.2
C	1480	73.3	75.9	77.3	79.7	77.9	76.8	70.2	85.2
D	1454	73.2	74.7	76.1	79.9	77.6	76.9	70.7	84.9
E	1441	72.7	75.6	77.1	80.9	78.4	77.7	71.5	85.7
F	1430	72.0	76.1	78.2	82.3	79.7	78.7	72.5	86.8

外形及安装尺寸

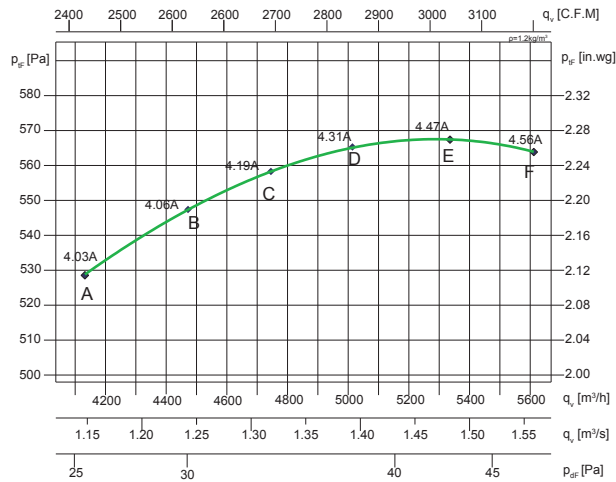


Overall Size



技术参数

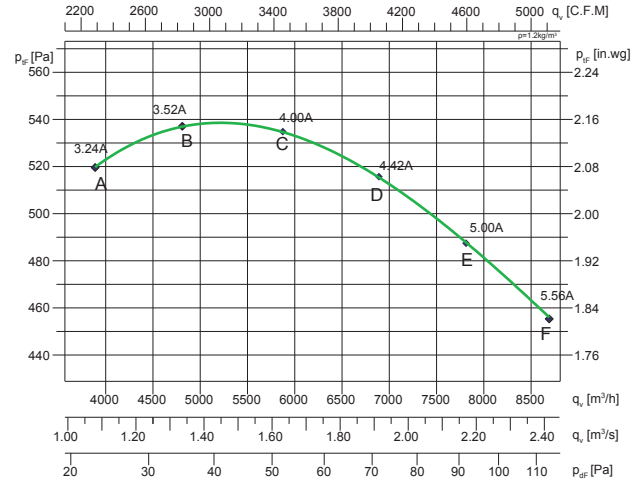
SYB400 I 1.8kW-6P



Type: SYB400 I			m: 61.2 kg				P _N : 1.8kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 4.8 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	963	75.8	70.5	71.5	77.7	74.5	72.7	63.1	82.3
B	959	72.8	71.2	72.8	78.5	76.3	74.2	65.1	82.9
C	956	77.1	72.5	74.1	80.0	78.1	75.9	67.3	84.8
D	954	76.8	71.6	74.4	80.4	78.7	76.4	68.3	85.1
E	949	76.4	70.4	74.6	80.5	79.1	76.7	69.2	85.2
F	946	77.7	70.9	76.4	82.4	81.1	78.7	71.7	87.0

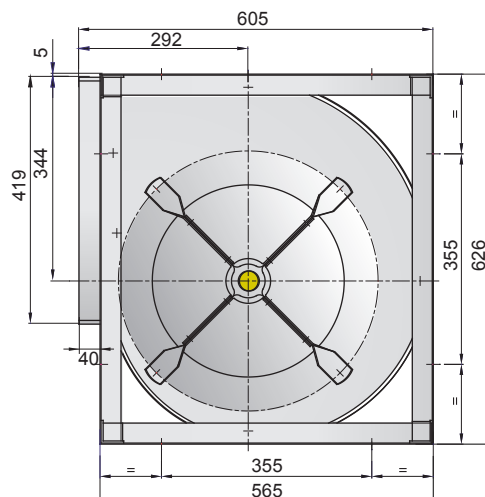
Technical Data

SYB400 I 2.2kW-6P

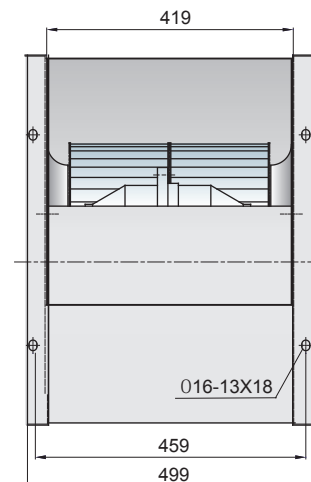


Type: SYB400 I			m: 65 kg			P _N : 2.2kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 5.6 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	973	71.5	68.9	71.0	76.3	72.4	70.5	60.6	80.3
B	960	75.7	70.2	70.8	77.2	73.4	71.6	62.0	81.8
C	979	76.3	70.9	71.9	78.1	74.9	73.0	63.5	81.7
D	970	73.3	71.5	73.3	78.9	76.7	74.6	65.5	83.3
E	933	77.5	72.9	74.6	80.4	78.5	76.3	67.7	85.2
F	896	78.8	73.4	76.4	82.2	80.6	78.2	70.2	87.0

外形及安装尺寸



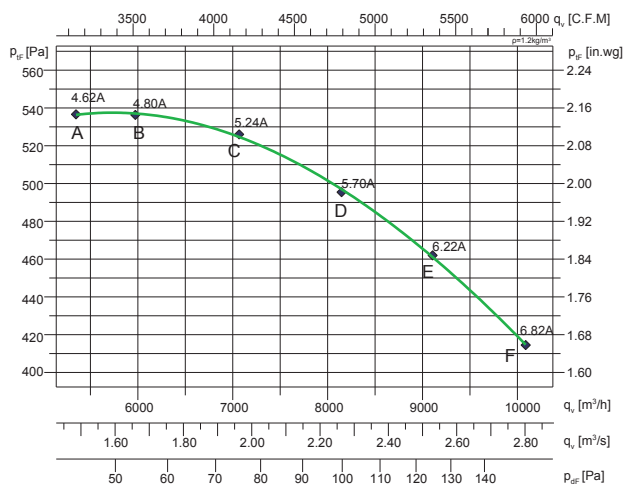
Overall Size



技术参数

Technical Data

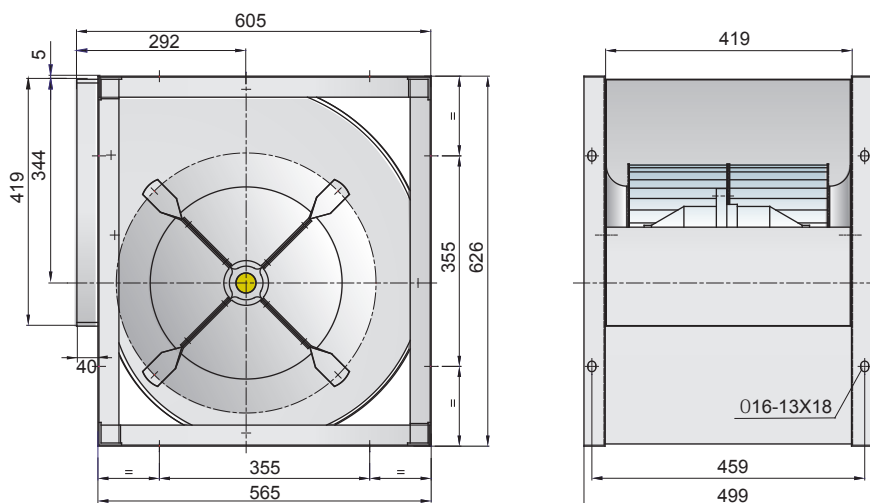
SYB400 I 3kW-6P



Type: SYB400 I			m: 76.4 kg				P _N : 3kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 7.5 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	974	76.1	70.5	71.1	77.4	73.8	71.8	62.3	82.0
B	970	76.6	71.1	72.2	78.3	75.3	73.2	63.8	83.0
C	963	73.6	71.7	73.6	79.1	77.0	74.8	65.8	83.5
D	954	77.8	73.1	74.9	80.6	78.8	76.5	68.0	85.5
E	946	79.1	73.6	76.7	72.4	80.9	78.4	70.6	87.2
F	937	74.5	74.8	78.3	73.5	82.5	80.1	72.6	88.1

外形及安装尺寸

Overall Size

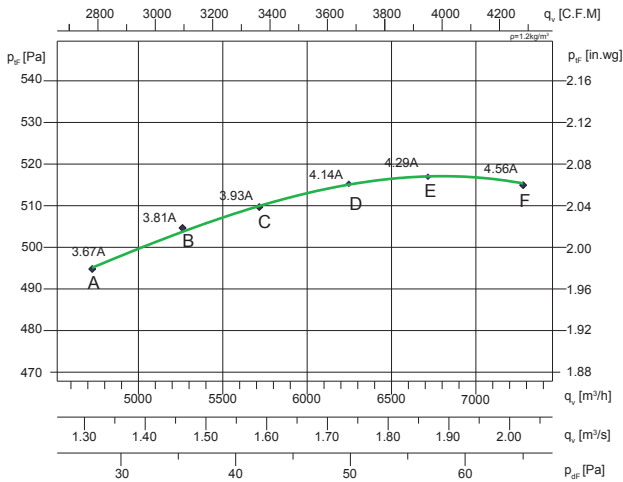


SYB 400 II

SYB 系列离心风机产品说明
The SYB Series Centrifugal Fan

技术参数

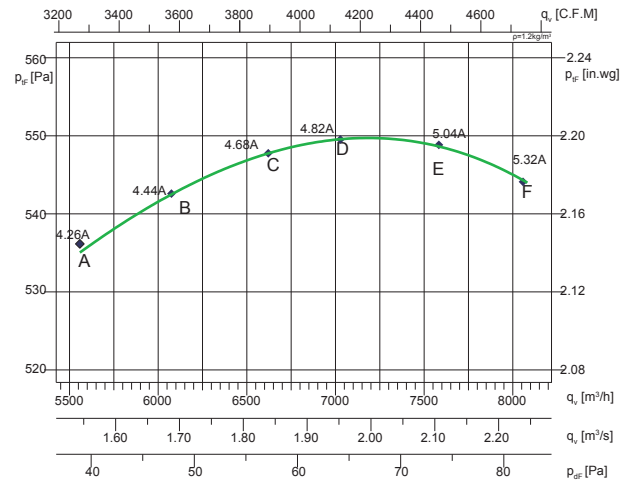
SYB400 II 1.8kW-6P



Type: SYB400 II			m: 15 kg				P _N : 1.8kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 0.56 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{90m} dB (A)
A	976	70.2	64.8	65.9	72.0	68.9	67.0	57.5	76.7
B	970	67.3	65.4	67.2	72.8	70.7	68.5	59.5	77.2
C	966	71.5	66.8	68.5	74.3	72.5	70.2	61.7	79.2
D	959	72.7	67.3	70.3	76.1	74.6	72.2	64.2	80.9
E	950	68.2	68.5	72.0	77.2	76.2	73.8	66.3	81.8
F	943	66.0	69.9	73.6	78.7	77.9	75.6	68.3	83.3

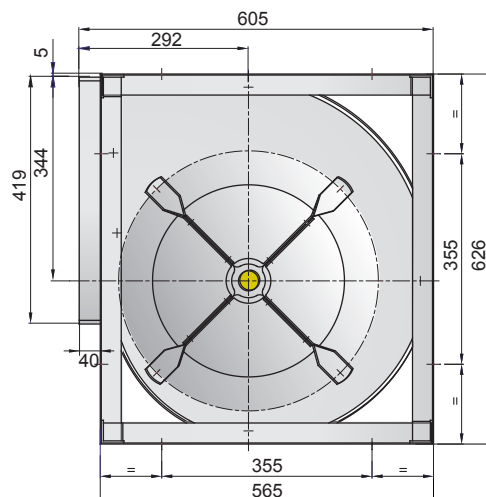
Technical Data

SYB400 II 2.2kW-6P

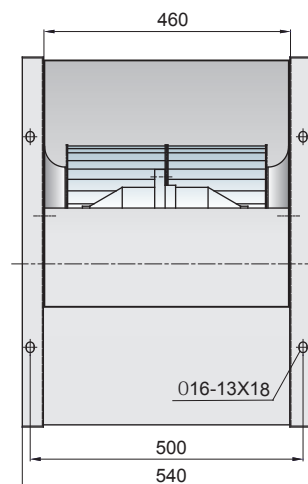


Type: SYB400 II			m: 15 kg				P _N : 2.2kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 0.79 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	968	71.9	66.5	67.6	73.7	70.6	68.7	59.2	78.4
B	963	69.0	67.2	68.9	74.5	72.4	70.2	61.2	79.0
C	959	73.2	68.5	70.3	76.0	74.2	71.9	63.4	80.9
D	955	74.5	69.0	72.0	77.8	76.3	73.9	65.9	82.6
E	950	69.9	70.3	73.7	78.9	77.9	75.5	68.0	83.5
F	946	67.7	71.6	75.3	80.4	79.6	77.3	70.0	85.0

外形及安装尺寸



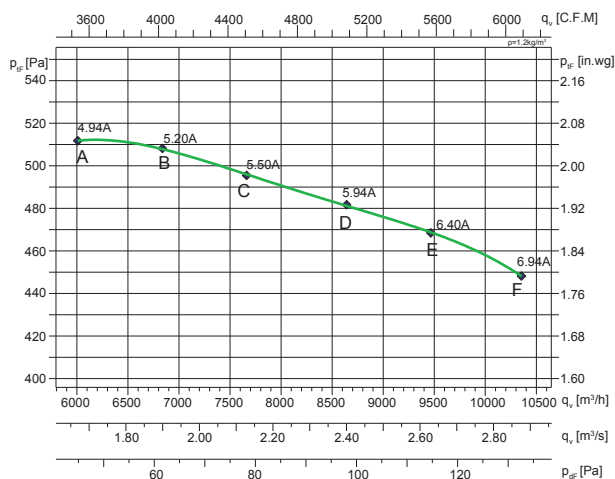
Overall Size



技术参数

Technical Data

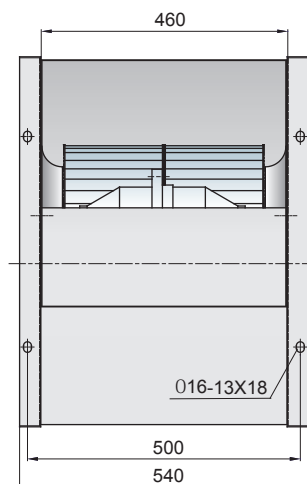
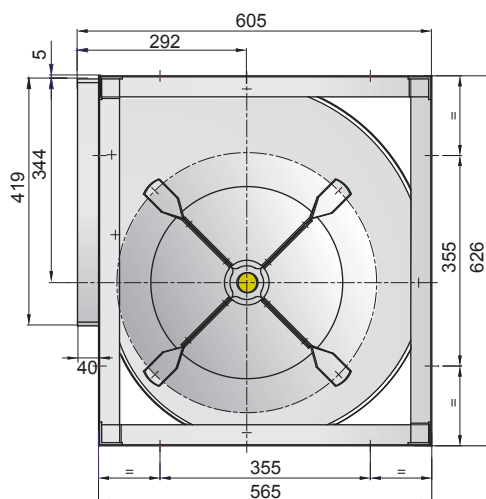
SYB400 II 3kW-6P



Type: SYB400 II			m: 75.7 kg				P _N : 3kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 7.6 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	972	75.8	70.3	70.8	77.3	73.5	71.7	62.1	81.9
B	969	76.4	70.9	72.0	78.1	75.0	73.1	63.6	82.8
C	964	72.4	71.6	73.4	78.9	76.8	74.6	65.6	83.4
D	957	77.6	72.9	74.7	80.4	78.6	76.3	67.8	85.3
E	951	78.9	73.5	76.5	82.2	80.7	78.3	70.3	87.0
F	942	74.3	74.7	78.1	83.3	72.3	79.9	72.4	87.9

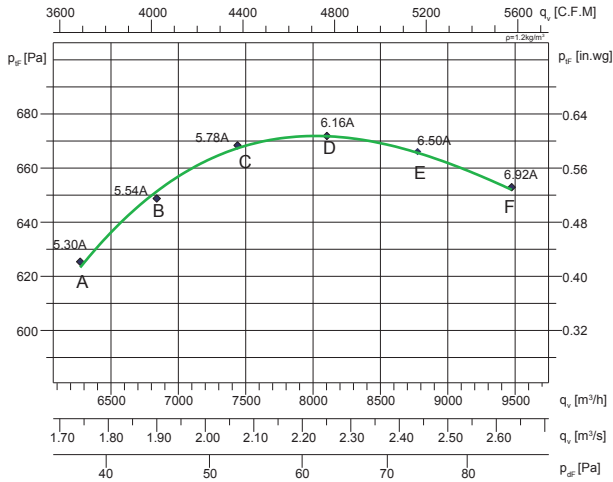
外形及安装尺寸

Overall Size



技术参数

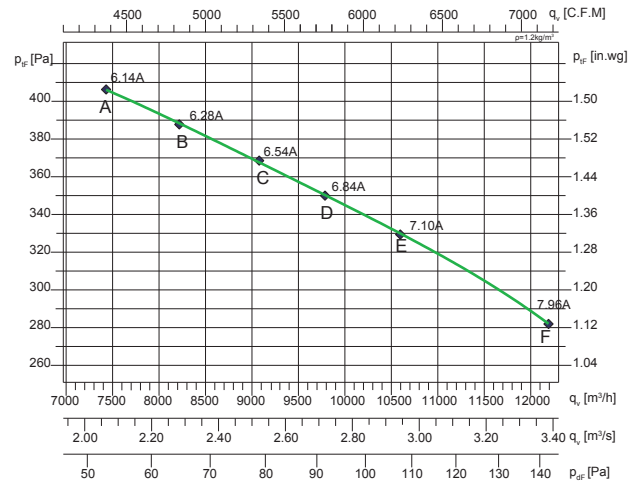
SYB450 I 3kW-6P



Type: SYB450 I			m: 86.8 kg			P _N : 3kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 7.5 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	962	68.6	69.2	76.6	74.2	72.2	70.7	63.7	80.7
B	958	67.5	69.7	78.0	76.0	74.4	71.3	64.4	82.0
C	954	61.1	69.8	78.6	77.3	75.4	72.4	65.5	82.9
D	949	66.0	70.2	80.5	78.2	75.8	73.7	66.6	84.1
E	944	66.3	71.0	81.6	79.8	77.9	74.7	67.9	85.5
F	939	67.4	72.3	81.9	81.7	79.6	75.6	69.2	86.6

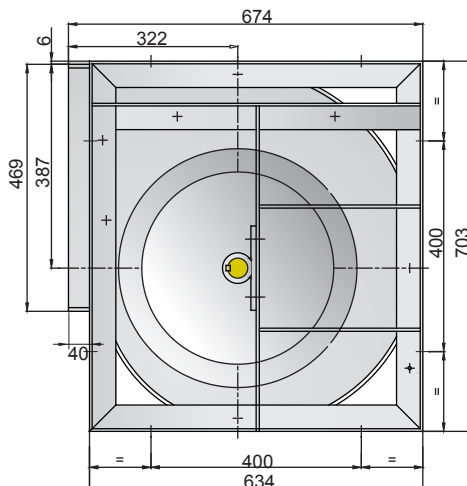
Technical Data

SYB450 I 3kW-8P

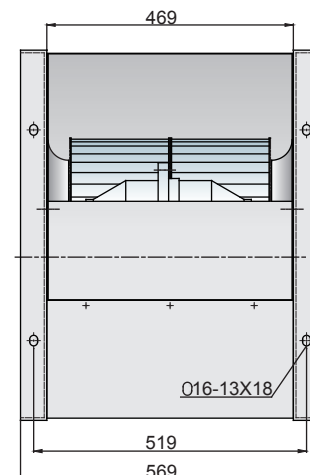


Type: SYB450 I			m: 96 kg			P _N : 3kW-8P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 8.36 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	727	66.5	70.6	77.8	76.2	74.2	71.3	62.0	79.3
B	725	67.6	72.2	79.8	78.2	76.3	73.0	63.9	84.4
C	722	68.7	73.3	80.9	80.5	78.7	75.4	66.4	82.0
D	717	69.5	74.3	82.8	82.3	80.5	77.2	68.5	84.0
E	713	70.7	76.0	83.3	84.2	82.5	79.1	66.7	85.8
F	704	71.6	76.9	85.0	85.8	84.0	80.6	72.0	89.0

外形及安装尺寸



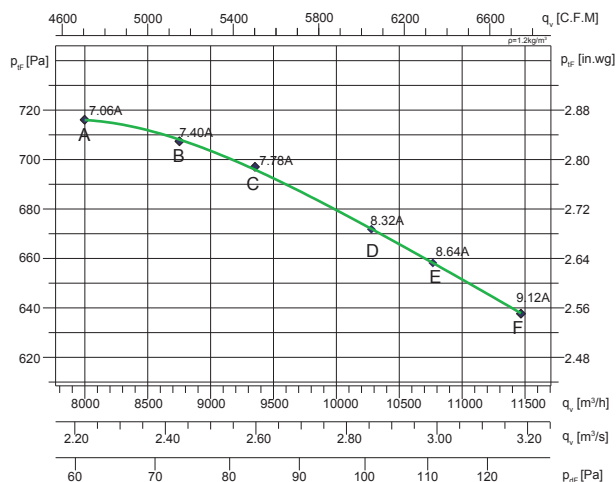
Overall Size



技术参数

Technical Data

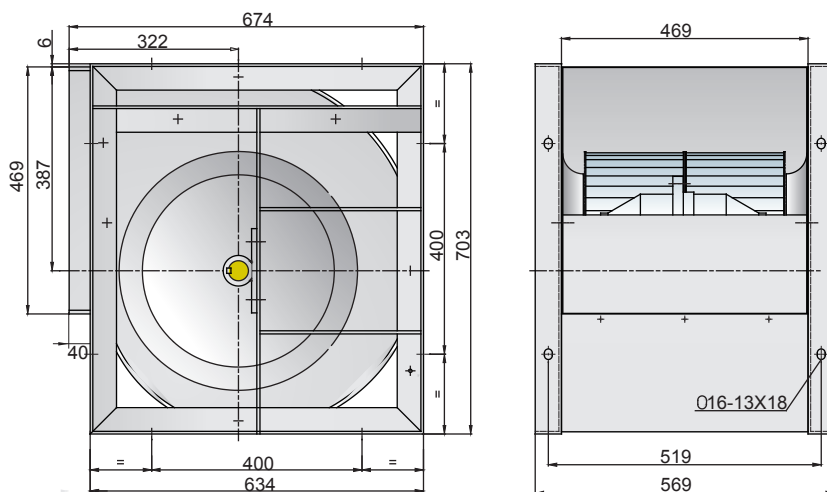
SYB450 I 4kW-6P



Type: SYB450 I			m: 96 kg				P _N : 4kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 9.9 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	965	69.3	73.0	81.8	80.5	78.6	75.6	68.7	86.1
B	961	69.2	73.4	83.7	81.4	79.0	76.9	69.8	87.3
C	958	69.5	74.2	84.8	83.0	81.1	77.9	71.1	88.7
D	951	70.6	75.5	85.1	84.9	82.8	78.8	72.4	89.8
E	949	71.0	75.9	85.8	85.0	82.6	80.0	73.0	90.2
F	944	71.7	76.7	85.9	86.2	84.1	81.3	74.3	91.1

外形及安装尺寸

Overall Size

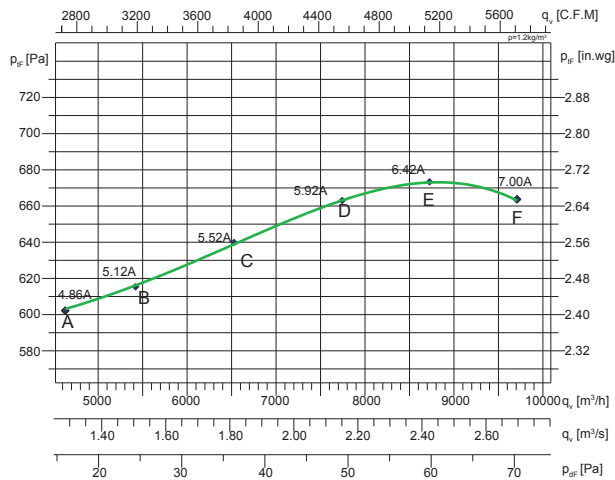


SYB 450 II

SYB 系列离心风机产品说明
The SYB Series Centrifugal Fan

技术参数

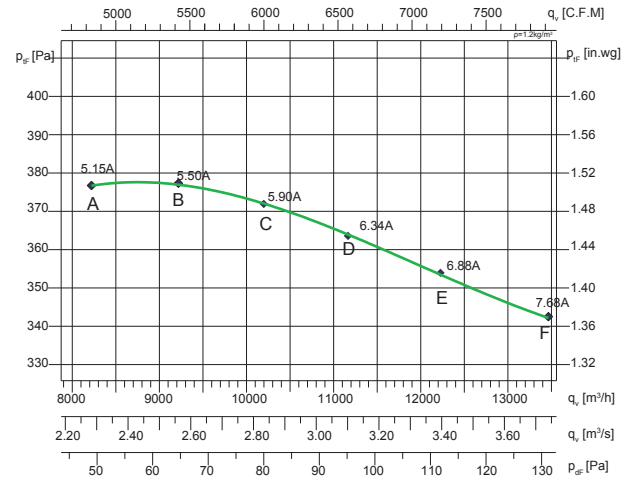
SYB450 II 3kW-6P



Type: SYB450 II				m: 94.2 kg			P _N : 3kW-6P		
				U: 380 v			f ₁ : 50HZ		
				I _N : 7.6 A			IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	971	73.9	73.3	75.2	81.2	76.3	73.2	65.6	84.5
B	968	74.5	73.3	75.0	79.8	76.1	73.4	65.7	83.8
C	963	73.5	73.1	74.8	79.8	76.1	73.5	65.9	83.7
D	960	72.0	72.3	74.4	79.8	76.4	74.2	66.9	83.6
E	954	71.3	73.2	74.8	80.7	77.3	74.9	68.1	84.4
F	941	71.6	73.6	75.5	81.6	78.5	76.1	69.3	85.3

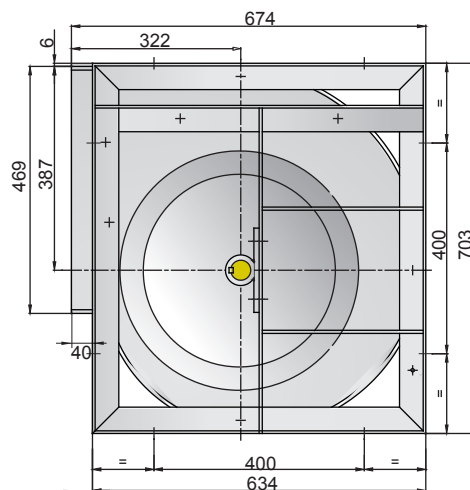
Technical Data

SYB450 II 3kW-8P

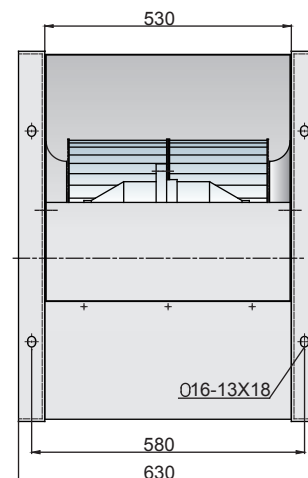


Type: SYB450 II			m: 103.4 kg			P _N : 3kW-8P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 8.36 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	725	63.9	67.2	74.0	72.1	70.4	67.9	58.6	78.3
B	720	64.4	68.5	75.7	74.1	72.1	69.2	59.9	79.9
C	716	65.5	70.1	77.7	76.1	74.2	70.9	61.8	81.9
D	708	66.6	71.2	78.8	78.4	76.6	73.3	64.3	83.7
E	701	67.4	72.2	80.7	80.2	78.4	75.1	66.4	85.4
F	691	68.6	73.9	81.2	82.1	80.4	77.0	64.6	86.9

外形及安装尺寸



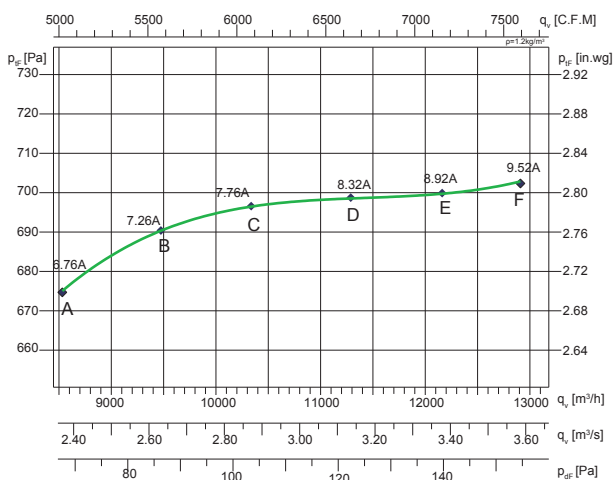
Overall Size



技术参数

Technical Data

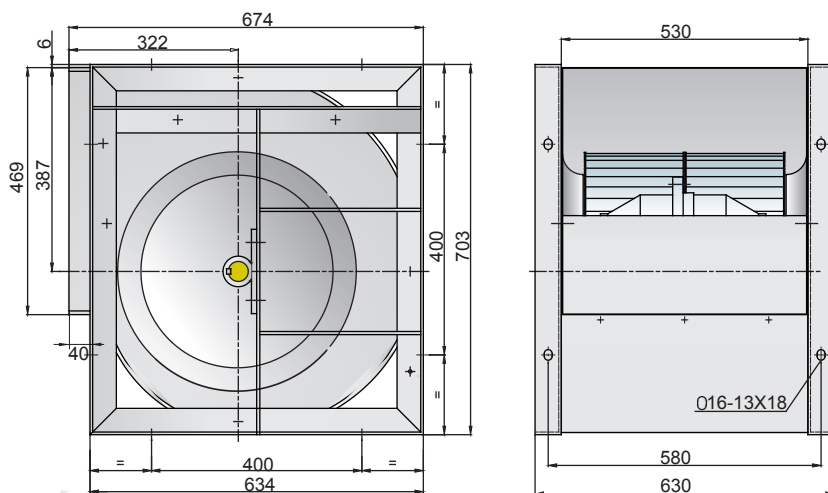
SYB450 II 4kW-6P



Type: SYB450 II			m: 103.4 kg				P _N : 4kW-6P		
			U: 380 v				f _i : 50HZ		
			I _N : 9.9 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	966	74.0	72.8	74.5	79.2	75.6	72.9	65.2	74.0
B	961	73.0	72.5	74.3	79.3	75.6	73.0	65.4	73.0
C	955	71.5	71.8	73.8	79.3	75.9	73.7	66.4	71.5
D	948	70.8	72.7	74.3	80.2	76.8	74.4	67.6	70.8
E	942	71.0	73.1	75.0	81.1	78.0	75.6	68.8	71.0
F	935	71.3	73.5	75.7	82.0	79.3	76.8	70.0	71.3

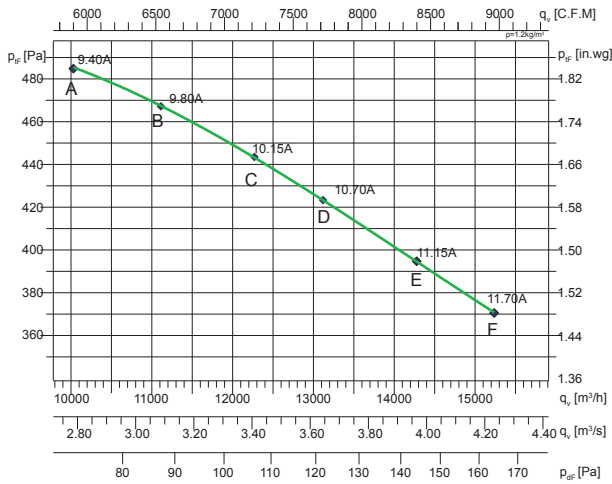
外形及安装尺寸

Overall Size



技术参数

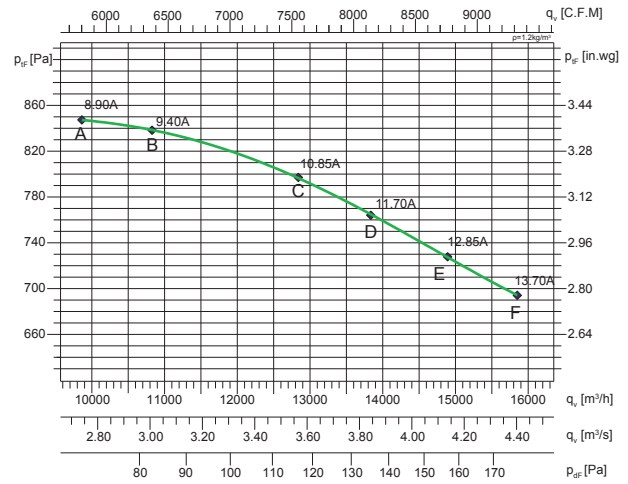
SYB500 I 5.5kW-8P



Type: SYB500 I			m: 132 kg				P _N : 5.5kW-8P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 14 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	733	73.2	71.5	74.1	77.1	75.5	70.1	63.8	82.1
B	730	72.7	71.4	74.1	77.3	75.9	70.5	65.2	82.2
C	726	72.5	72.1	74.8	78.5	77.1	71.7	66.2	83.2
D	722	72.7	72.0	75.8	79.6	78.5	73.3	67.2	84.2
E	718	73.6	73.2	76.9	81.2	80.0	74.9	68.5	85.6
F	715	74.8	74.4	78.4	82.5	81.9	76.9	70.6	87.2

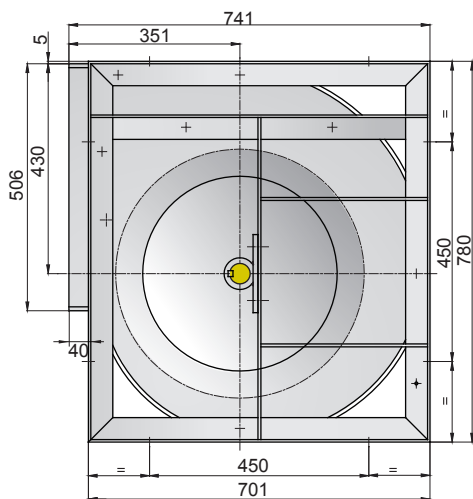
Technical Data

SYB500 I 6kW-6P

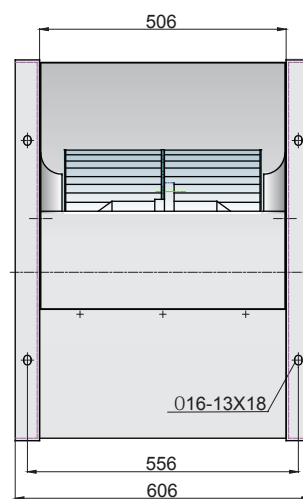


Type: SYB500 I			m: 127 kg			P _N : 6kW-6P			
			U: 380 v			f _i : 50HZ			
			I _N : 14.5 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	972	75.6	75.8	81.4	80.1	77.4	75.3	69.5	86.2
B	968	77.6	75.9	82.6	80.7	78.1	76.0	70.5	87.1
C	959	76.2	76.1	83.8	81.6	78.9	76.6	71.3	87.8
D	955	76.0	76.6	85.4	83.1	80.0	77.6	71.7	89.1
E	947	75.4	78.3	86.8	86.1	82.9	80.2	73.5	91.2
F	943	75.8	79.4	88.4	87.6	84.5	81.8	74.9	92.7

外形及安装尺寸



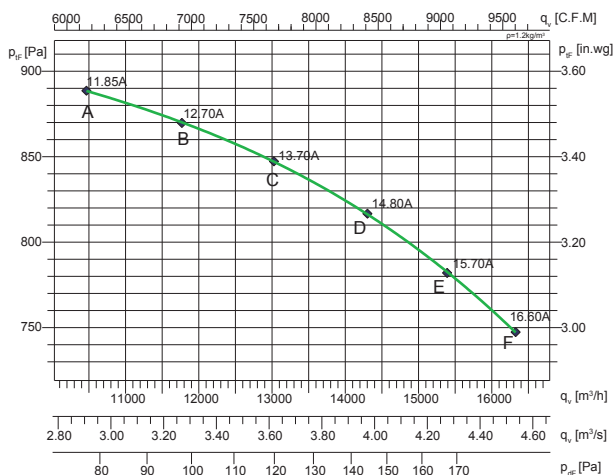
Overall Size



技术参数

Technical Data

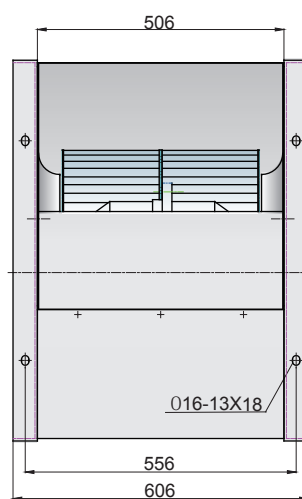
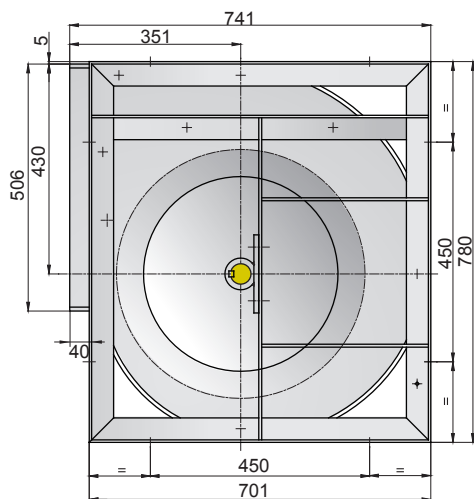
SYB500 I 7.5kW-6P



Type: SYB500 I			m: 135 kg			P _N : 7.5kW-6P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 17.7 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	979	76.2	76.2	81.9	80.6	77.8	75.7	70.1	86.6
B	975	78.2	76.3	83.0	81.2	78.5	76.4	71.0	87.6
C	972	76.7	76.5	84.3	82.2	79.3	77.0	71.8	88.3
D	968	76.6	77.0	85.9	83.6	80.5	78.0	72.3	89.6
E	964	75.9	78.7	87.3	86.6	83.3	80.6	74.0	91.6
F	961	76.3	79.8	88.8	88.1	84.9	82.3	75.4	93.2

外形及安装尺寸

Overall Size

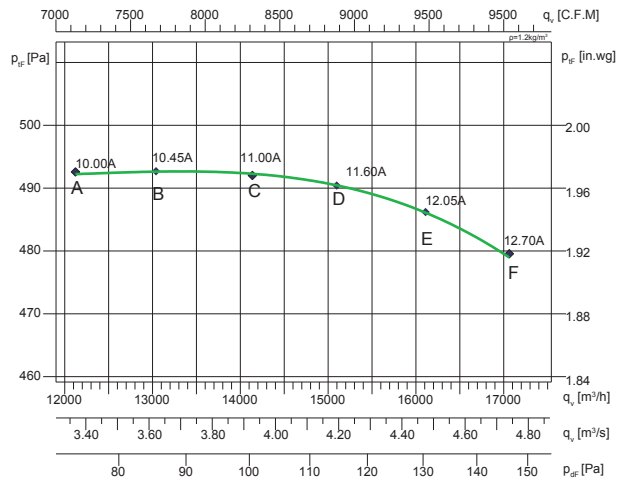


SYB 500 II

SYB 系列离心风机产品说明
The SYB Series Centrifugal Fan

技术参数

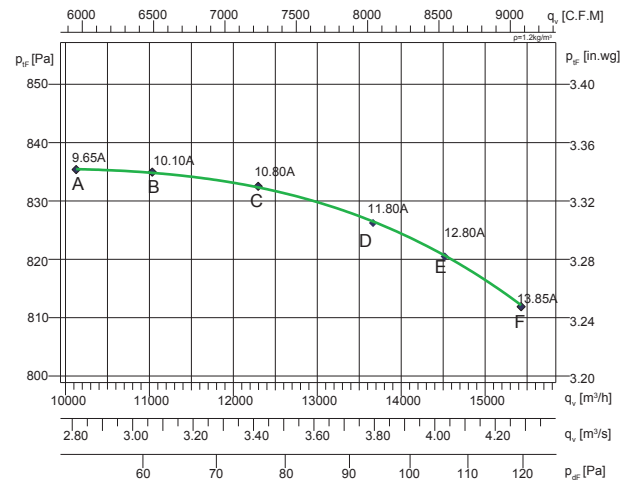
SYB500 II 5.5kW-8P



Type: SYB500 II			m: 130.6 kg			P _N : 5.5kW-8P			
			U: 380 v			f ₁ : 50HZ			
			I _N : 14 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	728	72.3	71.1	73.7	77.0	75.4	70.2	64.8	81.8
B	725	72.1	71.8	74.4	78.2	76.7	71.4	65.7	82.8
C	720	72.2	71.7	75.3	79.3	78.0	72.9	66.7	83.8
D	718	73.1	72.8	76.4	80.9	79.6	74.6	68.0	85.2
E	712	74.4	74.1	77.9	82.2	81.5	76.6	70.1	86.8
F	709	75.0	75.3	79.1	83.5	83.2	78.3	72.2	88.2

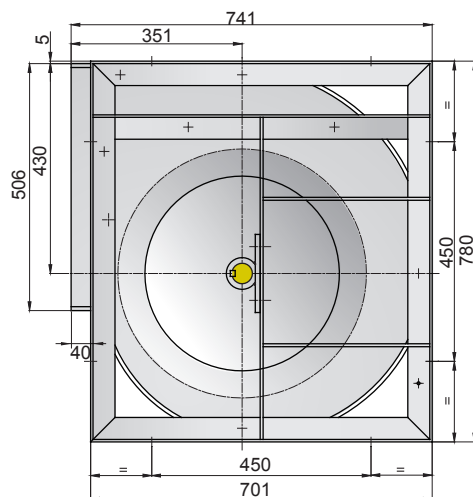
Technical Data

SYB500 II 6kW-6P

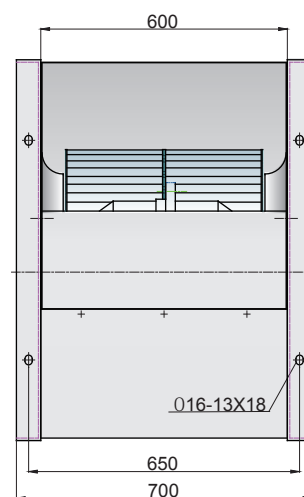


Type: SYB500 II			m: 128.2 kg			P _N : 6kW-6P			
			U: 380 v			f _i : 50HZ			
			I _N : 14.5 A			IP: IP44			
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{wa} dB (A)
A	965	78.1	77.7	79.5	83.7	81.2	76.9	70.6	88.1
B	960	77.9	78.4	80.2	84.9	82.5	78.1	71.5	89.0
C	952	78.0	78.4	81.2	86.0	83.8	79.6	72.5	90.0
D	944	78.9	79.5	82.2	87.6	85.4	81.2	73.8	91.5
E	939	80.2	80.7	83.7	88.8	87.3	83.2	75.9	93.0
F	931	80.8	81.9	84.9	90.2	89.0	85.0	78.0	94.5

外形及安装尺寸



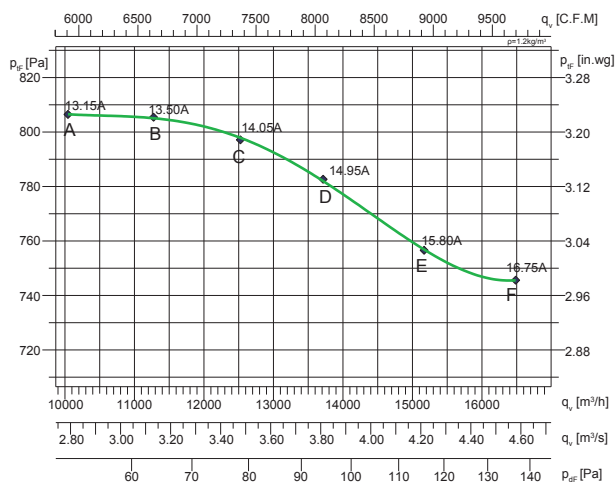
Overall Size



技术参数

Technical Data

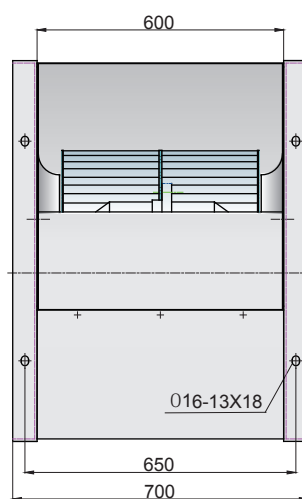
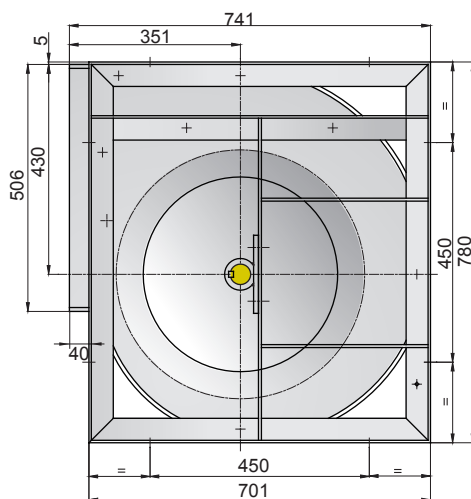
SYB500 II 7.5kW-6P



Type: SYB500 II			m: 136.2 kg				P _N : 7.5kW-6P		
			U: 380 v				f ₁ : 50HZ		
			I _N : 17.7 A				IP: IP44		
工况点	风机转速 n(r/min)	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz	L _{WA} dB (A)
A	984	77.9	77.3	78.8	83.0	80.2	76.0	68.5	87.3
B	982	77.2	77.9	79.5	84.4	81.8	77.6	70.9	88.5
C	979	77.4	77.9	80.5	85.5	83.2	79.1	71.9	89.5
D	976	78.2	79.0	81.6	87.0	84.7	80.7	73.2	90.9
E	972	79.5	80.2	83.1	88.3	86.6	82.7	75.3	92.4
F	968	80.2	81.4	84.2	89.7	88.3	84.5	77.3	93.9

外形及安装尺寸

Overall Size



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This fan features described in the sample, such as size, performance parameters, the Company reserves the right to change without notice; if unknown place, please call us.