



EC风机手册

EC Fan Product Catalog

山东增锦风机有限公司
SHANDONG ZENGJIN BLOWER CO., LTD.

EC 后向离心风机

Backward-curved Centrifugal Fan



产品简介 Product characteristics

EC 后向离心风机系列, 风机直径从 133mm ~ 630mm, 风扇使用塑料材质 (≤ 250 mm) 或金属材质 (≥ 280 mm), 标准版性能基本涵盖常规应用需求; 产品认证: CCC, 按需认证 CE、UL。

EC Backward-curved Centrifugal Fan, diameter of the fan ranges from 133mm to 630mm. The fan is made of plastic material (≤ 250 mm) or metal material (≥ 280 mm). The performance of the standard version basically covers the requirements of conventional applications. Product certification: CCC, on demand certification CE, UL.

产品组成 Component of product

后向离心风扇、EC 外转子电机、导风圈

Backward-curved centrifugal fan, EC external rotor motor, Collecting ring

工作环境与适用条件 Working environment and applicable conditions

电源: 单相 220V~240V, 50/60Hz
三相 380V~460V, 50/60Hz
控制方式: VSP (可按需 VSP/PWM, RS485)
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
工作温度: $-25 \sim +60^{\circ}\text{C}$
相对湿度: $\leq 95\%$
海拔高度: $\leq 1000\text{m}$

Power supply: Single-phase 220V~240V, 50/60 Hz
Three-phase 380V~460V, 50/60 Hz
Control mode: VSP (on-demand VSP/PWM, RS485)
Protection level: IP 54
Insulation class: F
Bearings: maintenance-free bearings
Operating temperature: $-25 \sim +60^{\circ}\text{C}$
Relative humidity: $\leq 95\%$
Altitude: $\leq 1000\text{m}$

应用场合 Applications

新风净化、通风换气、空调制冷、冷冻冷藏、轨道交通、电力通信等领域。

It is widely used in air purification, ventilation system, HVAC, refrigeration, rail transit and electric Max Power communication., etc.

<u>EC</u>	<u>190</u>	<u>A</u>	<u>1</u>
1	2	3	4

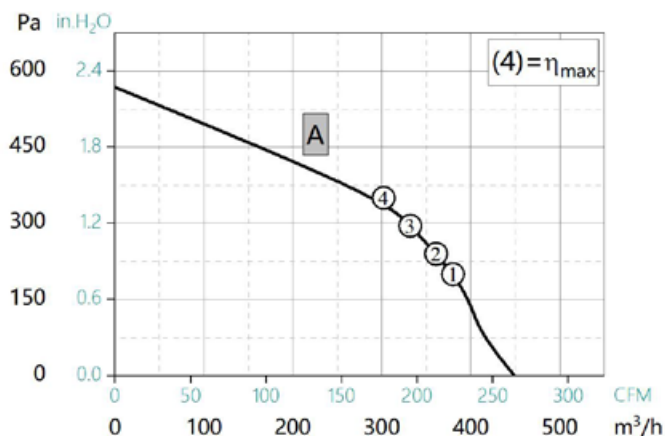
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|---|---------------|-------------------------------------|
| 1 | EC 后向离心风机 | Backward-curved Centrifugal Fan |
| 2 | 风轮规格 | Fan Specifications |
| 3 | 型号代码 (A-Z) 表示 | Model number code Marked with (A-Z) |
| 4 | 版本号 | Version number 1-9 |



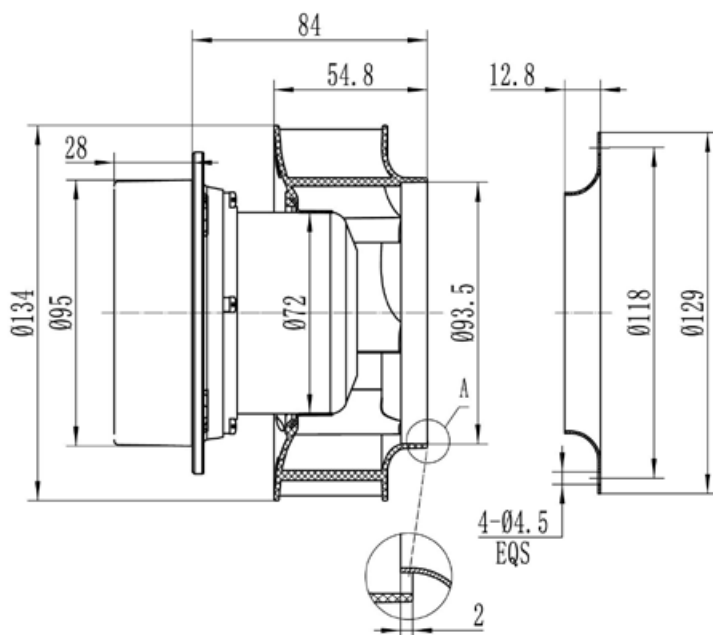
Material: Impeller: Nylon with Glass Fiber
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval: CE
Amb.Temp: -25~+60°C

材料: 风轮采用增强尼龙塑料
转向: 从电机转子方向看顺时针
调速: 0~10VDC / PWM
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

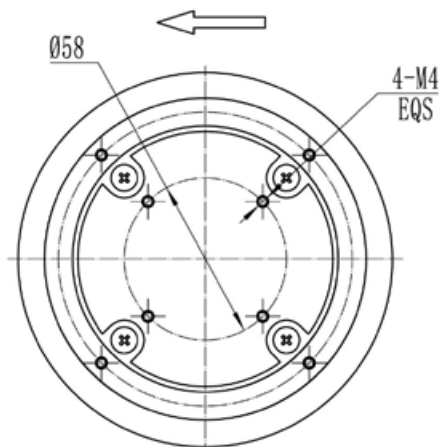
型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC133A1	A	230	50/60	5220	88	450	68



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	200	380	5230	83
	②	240	360	5230	85
	③	295	330	5235	86
	④	350	300	5225	88



Rotating Direction





Material: Impeller: Nylon with Glass Fiber

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用增强尼龙塑料

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM

防护等级: IP 54

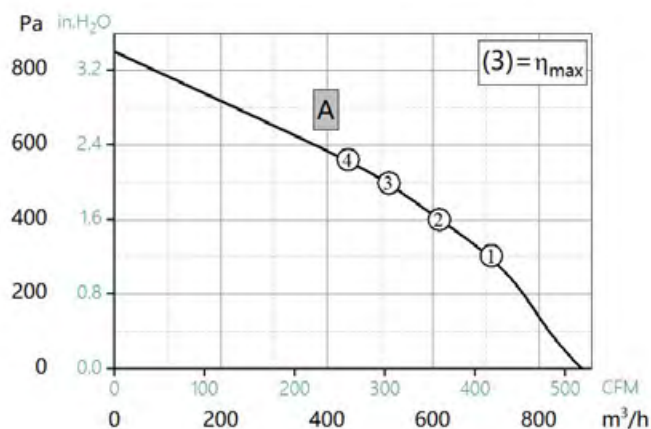
绝缘等级: F

轴承: 免维护轴承

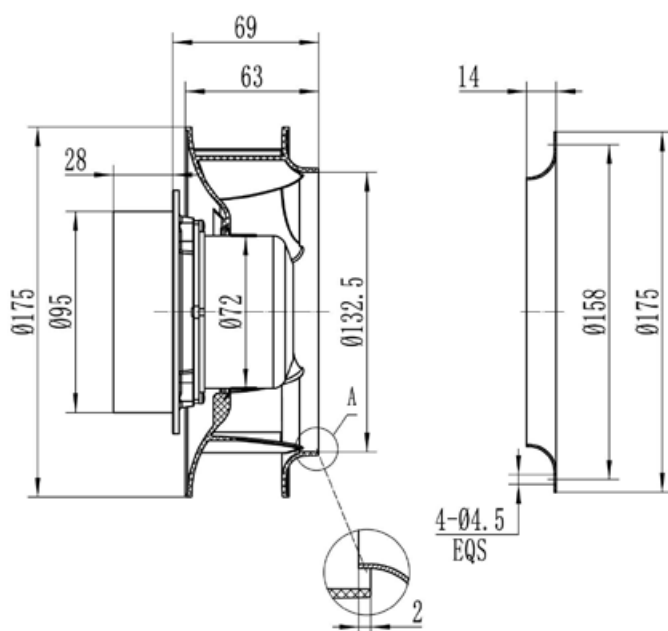
产品认证: CE

工作温度: -25~+60°C

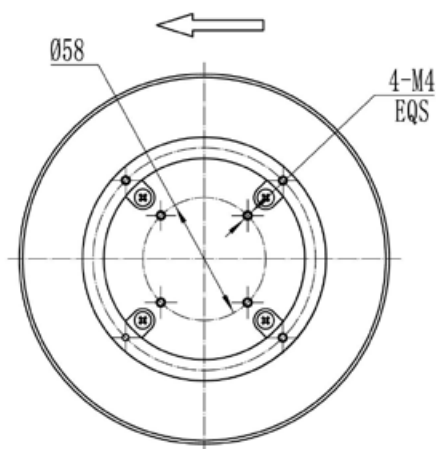
型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC175A1	A	230	50/60	5030	166	880	69



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	300	710	4980	166
	②	400	610	4810	160
	③	500	515	4770	160
	④	560	440	4755	160



Rotating Direction

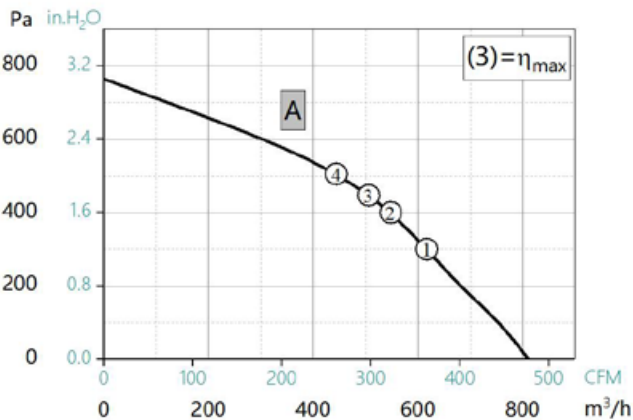




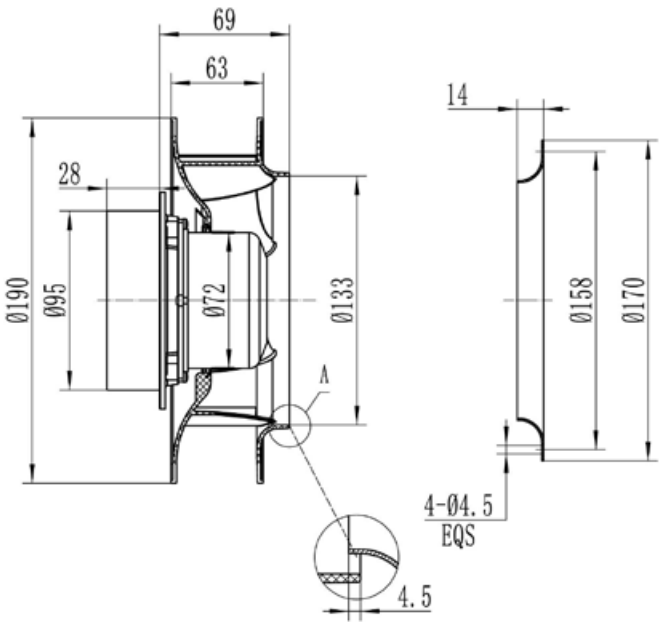
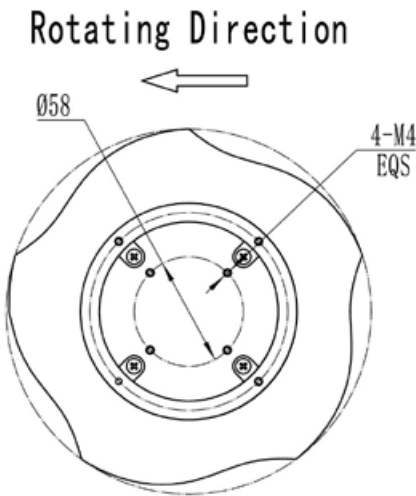
Material: Impeller:Nylon with Glass Fiber
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval:CE
Amb.Temp: -25~+60°C

材料: 风轮采用增强尼龙塑料
转向: 从电机转子方向看顺时针
调速: 0~10VDC / PWM
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC190A1	A	230	50/60	4230	150	810	70



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	300	615	4200	129
	②	400	550	4205	142
	③	445	505	4205	146
	④	505	445	4215	150

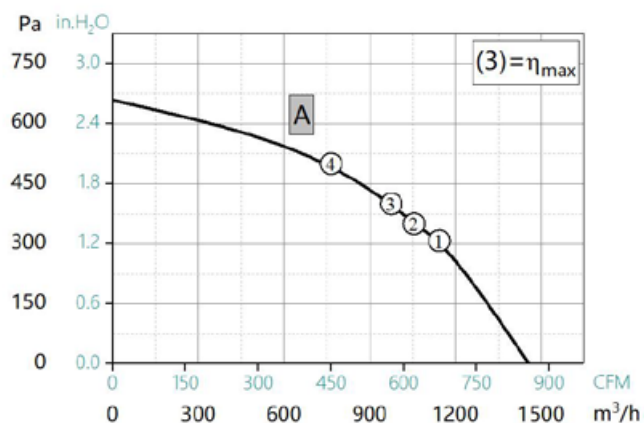




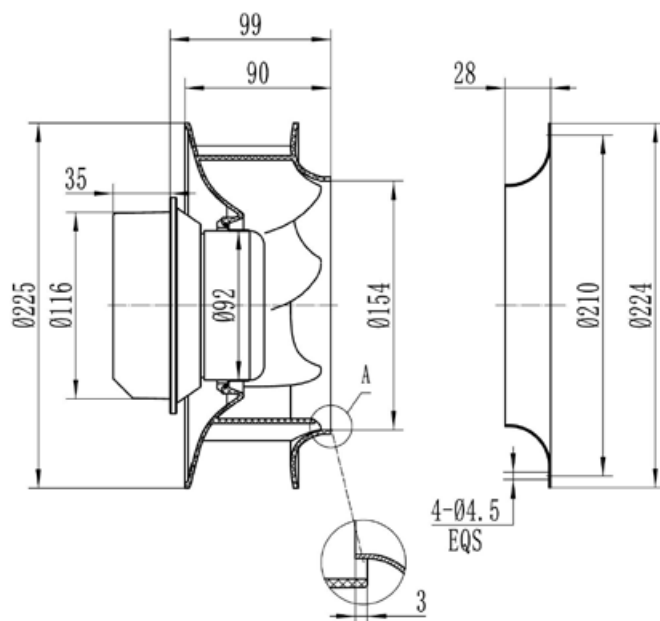
Material: Impeller: Nylon with Glass Fiber
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval: CE
Amb.Temp: -25~+60°C

材料: 风轮采用增强尼龙塑料
转向: 从电机转子方向看顺时针
调速: 0~10VDC / PWM
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

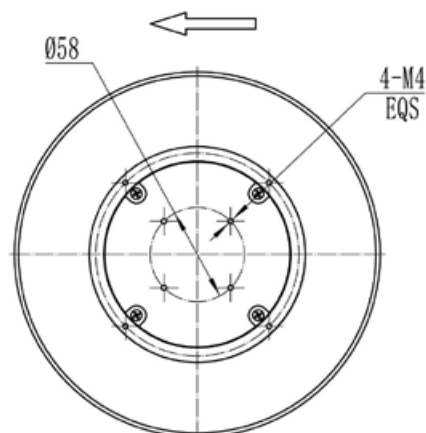
型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC225A1	A	230	50/60	3060	215	1455	71.1



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	310	1145	3060	213
	②	350	1055	3060	197
	③	400	975	3060	205
	④	500	764	3060	210



Rotating Direction





Material: Impeller: Nylon with Glass Fiber

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用增强尼龙塑料

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM

防护等级: IP 54

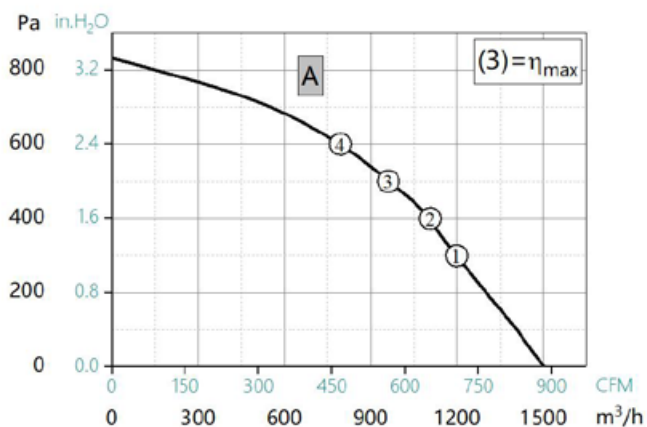
绝缘等级: F

轴承: 免维护轴承

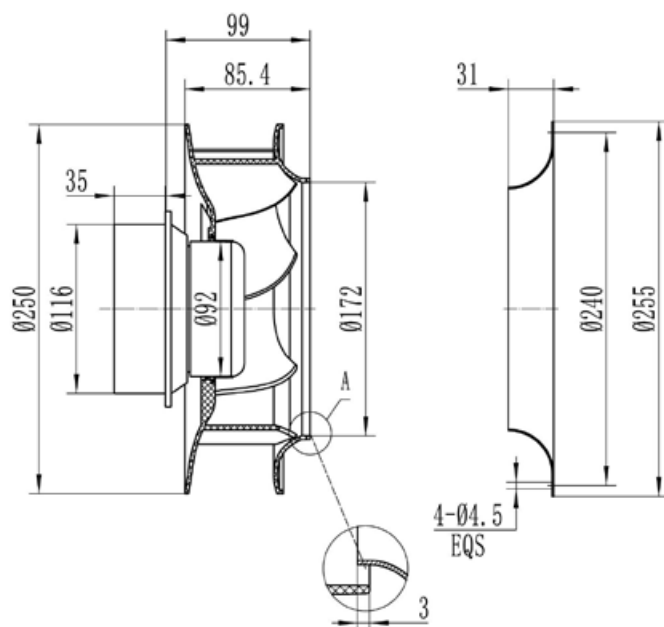
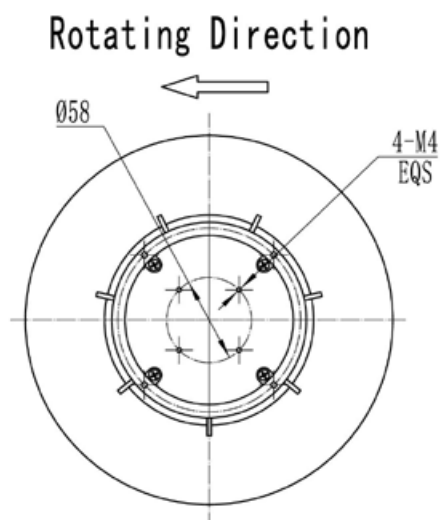
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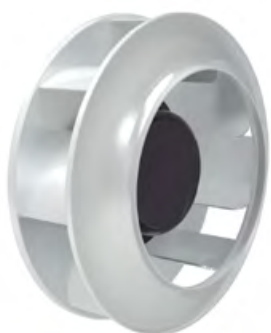
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC250A1	A	230	50/60	3170	295	1505	73.1



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	300	1200	3185	241
	②	400	1105	3185	271
	③	500	960	3160	287
	④	600	795	3160	294





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM/RS485

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval:CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0-10VDC/PWM/RS485

防护等级: IP 54

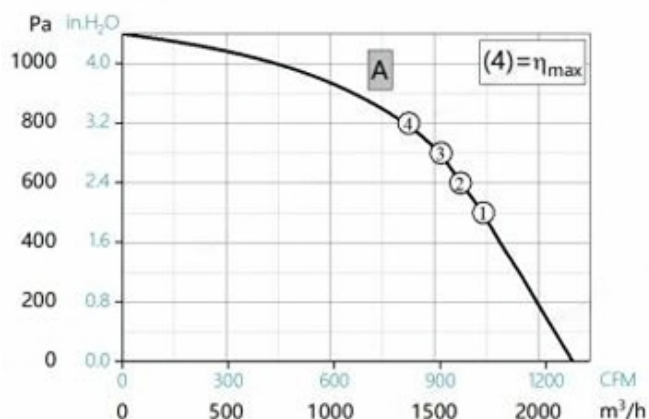
绝缘等级: F

轴承: 免维护轴承

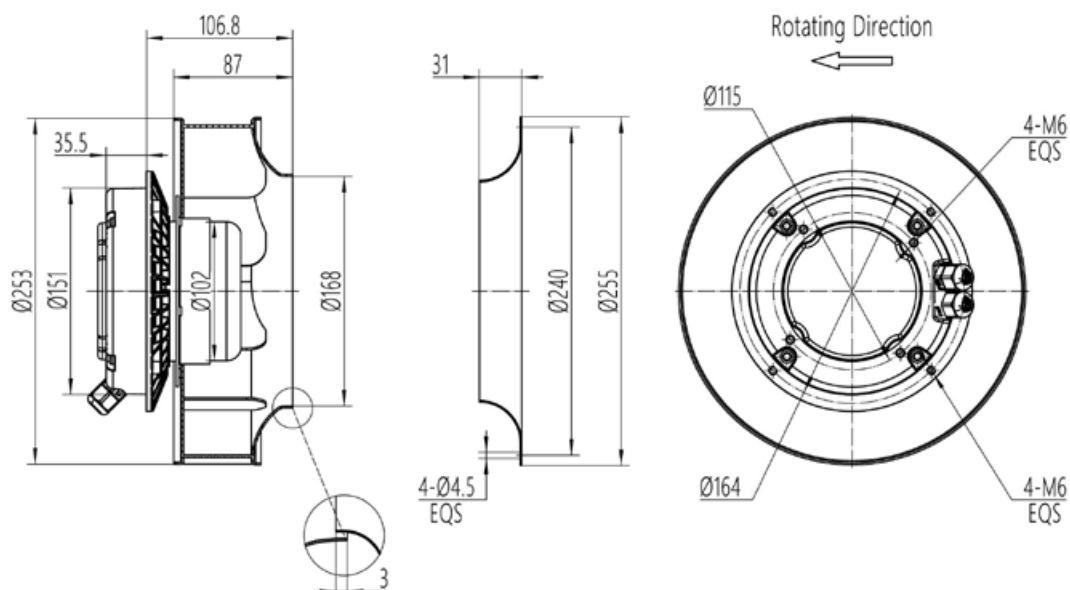
产品认证: CE

工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC250B1	A	230	50/60	3920	618	2166	75



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	500	1736	3893	563
	②	600	1625	3902	585
	③	700	1532	3902	614
	④	800	1377	3849	618

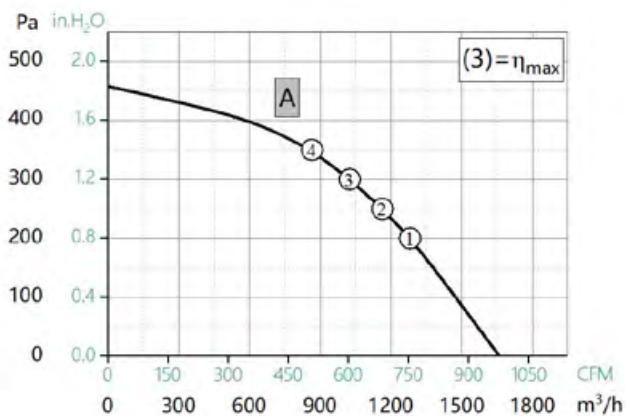




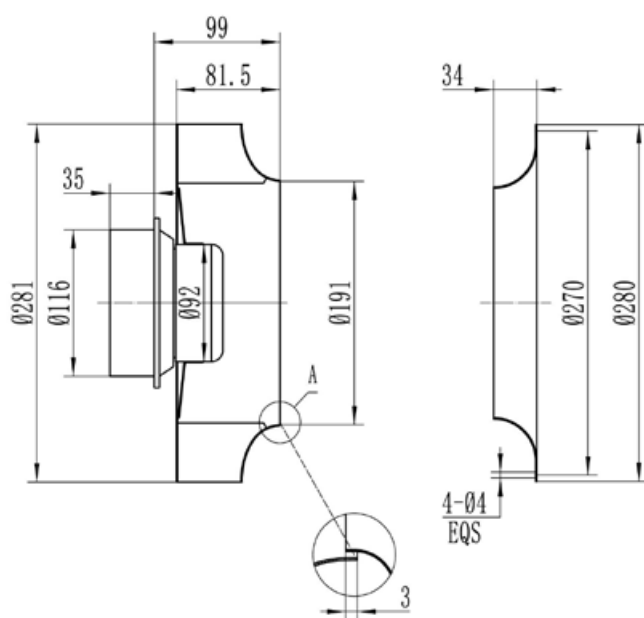
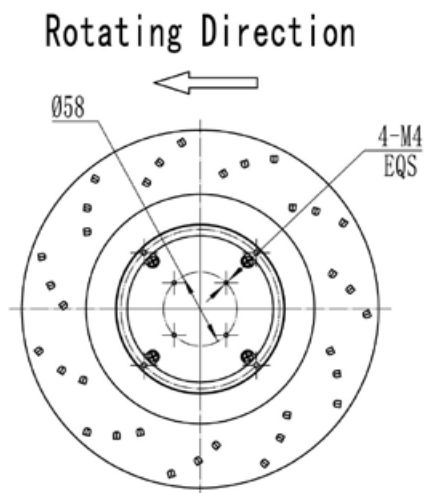
Material: Impeller: Galvanized sheet steel
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval: CE
Amb.Temp: -25~+60°C

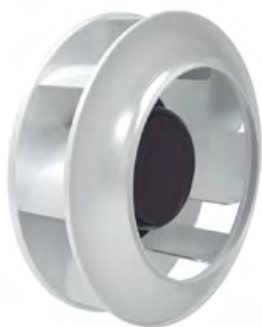
材料: 风轮采用镀锌板
转向: 从电机转子方向看顺时针
调速: 0~10VDC / PWM
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC280A1	A	230	50/60	2220	195	1660	69



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	200	1280	2220	167
	②	250	1165	2220	178
	③	300	1025	2220	186
	④	350	865	2220	191

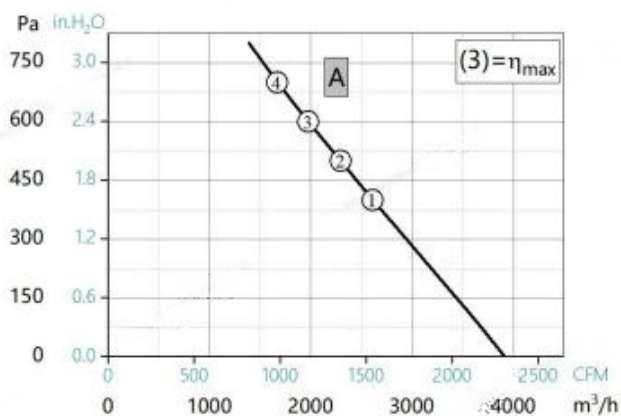




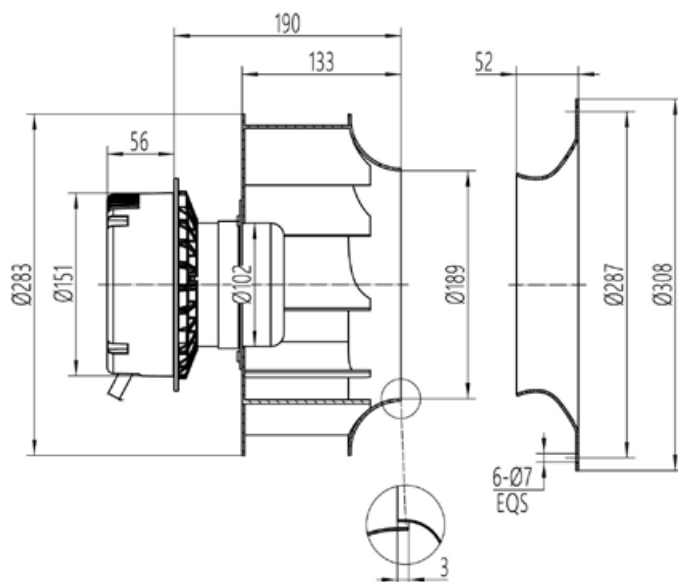
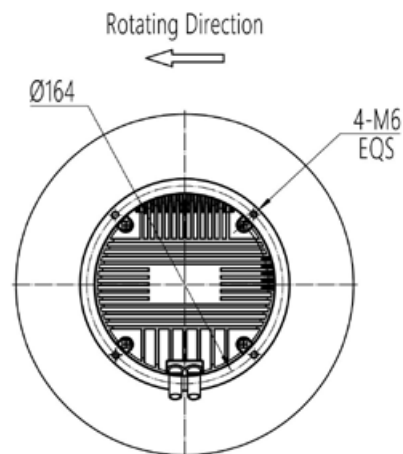
Material: Impeller: Aluminum alloy 5052
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval: CE
Amb.Temp: -25~+60°C

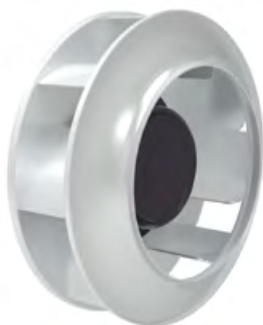
材料: 风轮采用 5052 铝合金
转向: 从电机转子方向看顺时针
调速: 0~10VDC
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC280B1	A	230	50/60	3100	732	3916	76



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	400	2611	2645	616
	②	500	2295	2600	602
	③	600	1975	2569	598
	④	700	1668	2653	613

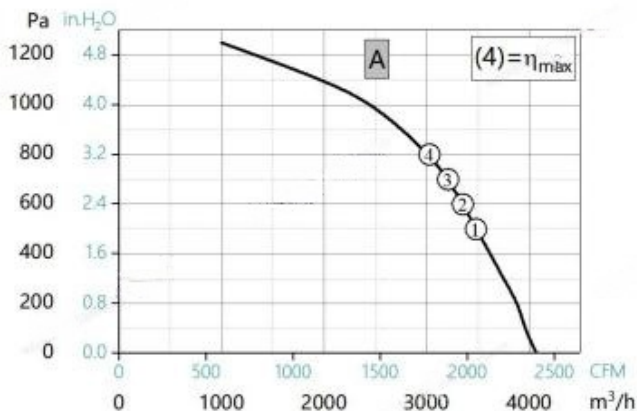




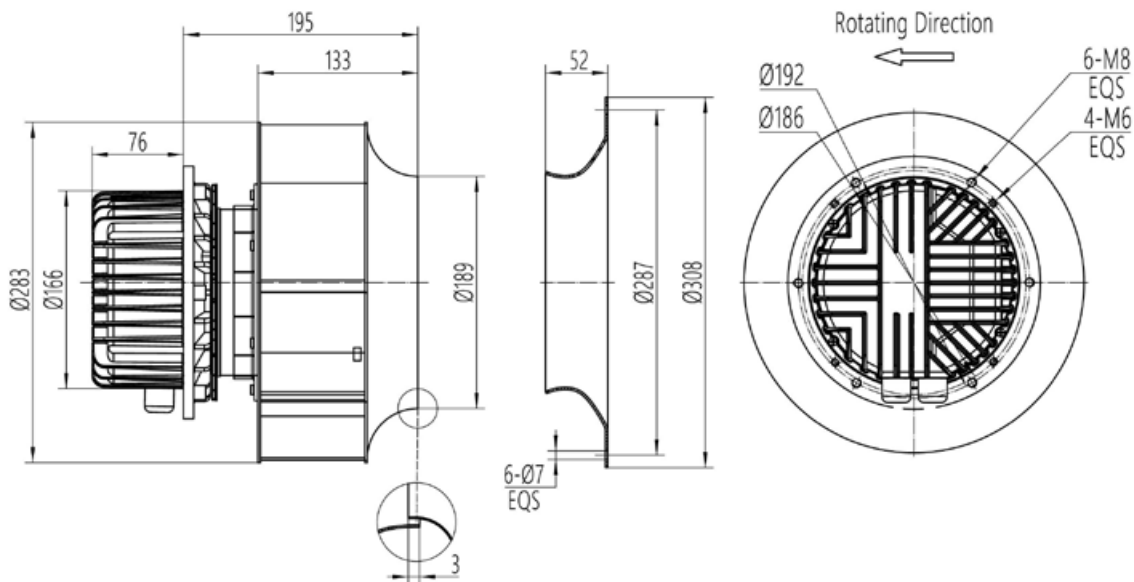
Material: Impeller: Aluminum alloy 5052
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval:CE
Amb.Temp: -25~+60°C

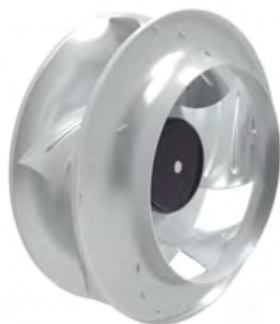
材料: 风轮采用 5052 铝合金
转向: 从电机转子方向看顺时针
调速: 0~10VDC
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC280C1	A	380	50/60	3450	1450	4075	79



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	500	3482	3427	1233
	②	600	3354	3424	1285
	③	700	3210	3429	1325
	④	800	3029	3434	1434

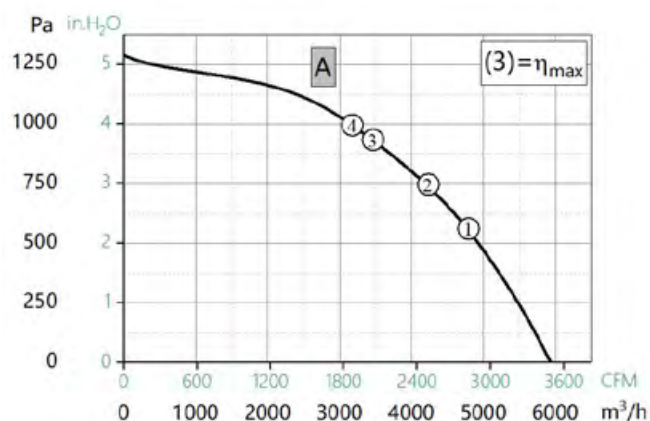




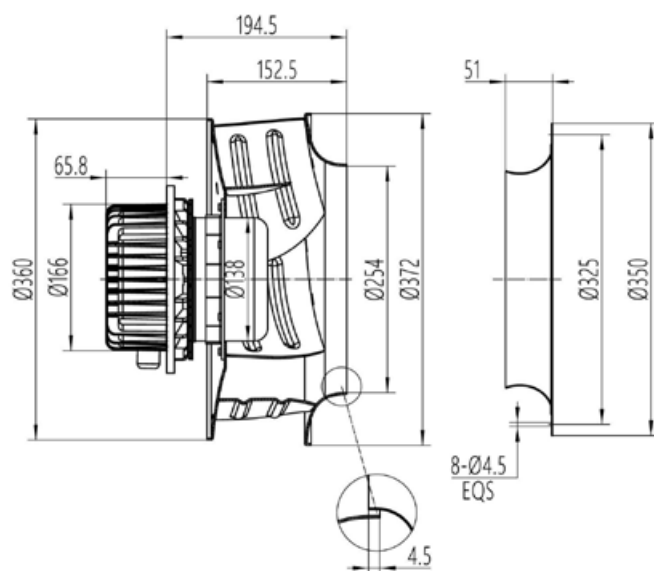
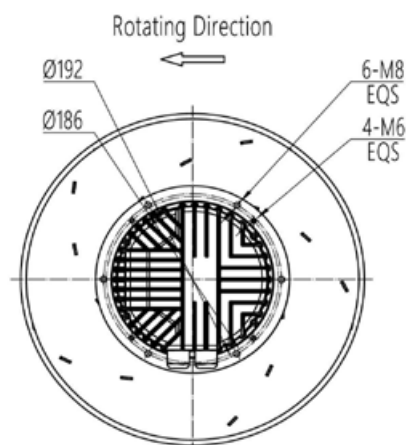
Material: Impeller: Aluminum alloy 5052
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval: CE
Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金
转向: 从电机转子方向看顺时针
调速: 0~10VDC / PWM
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC310A1	A	380	50/60	2710	1510	5935	77



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	560	4790	2710	1430
	②	745	4235	2710	1510
	③	935	3465	2710	1485
	④	995	3175	2710	1455





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM

防护等级: IP 54

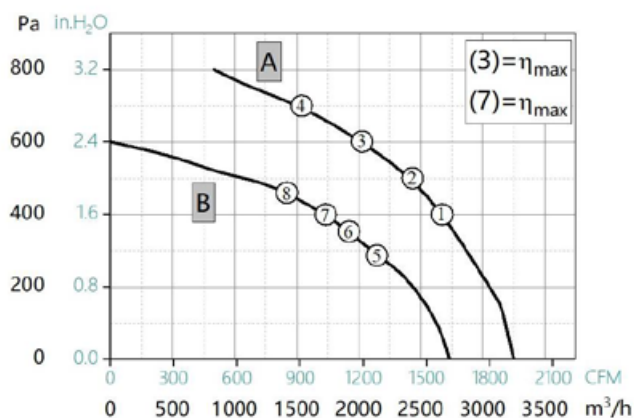
绝缘等级: F

轴承: 免维护轴承

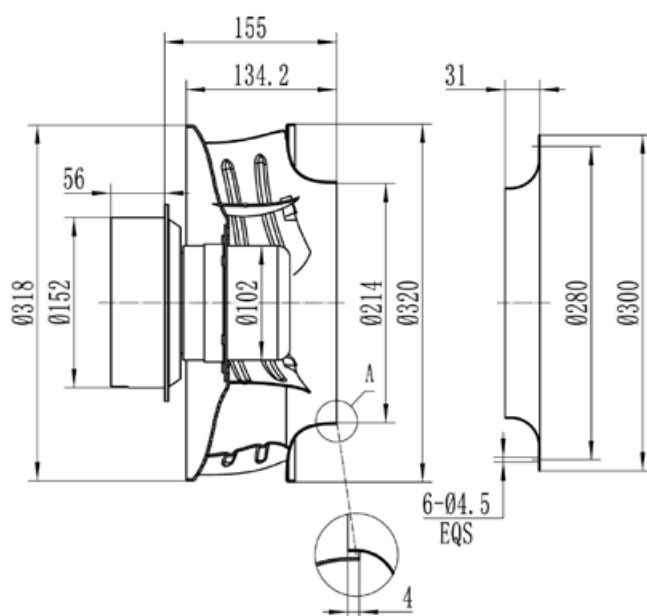
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工作温度: -25~+60°C

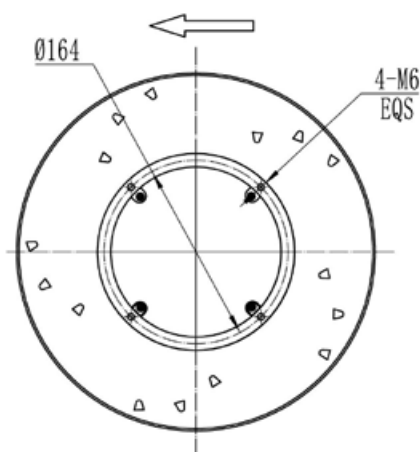
型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC320B1	A	230	50/60	2600	655	3250	76
EC320A1	B	230	50/60	2150	355	2730	72

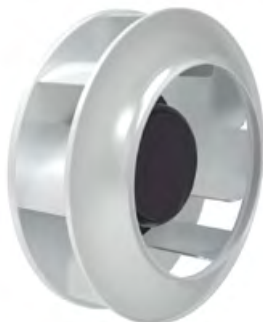


		P_s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	400	2670	2590	637
	②	500	2435	2595	653
	③	600	2025	2595	618
	④	700	1540	2595	584
B	⑤	290	2150	2150	353
	⑥	355	1920	2150	348
	⑦	400	1735	2160	352
	⑧	460	1420	2160	346



Rotating Direction





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0~10VDC

防护等级: IP 54

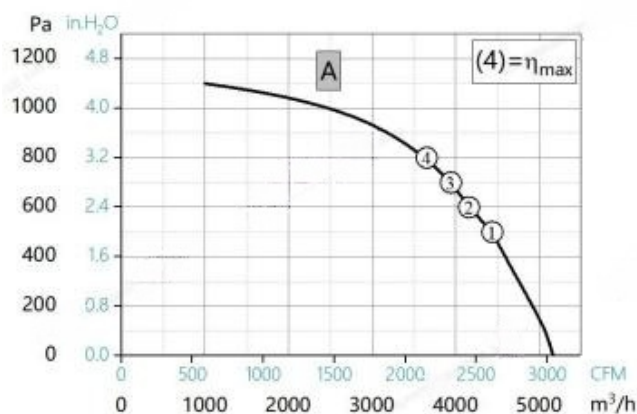
绝缘等级: F

轴承: 免维护轴承

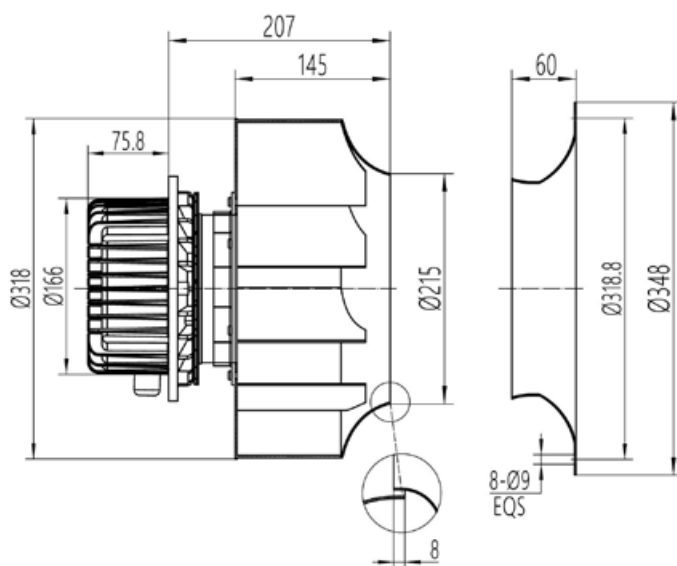
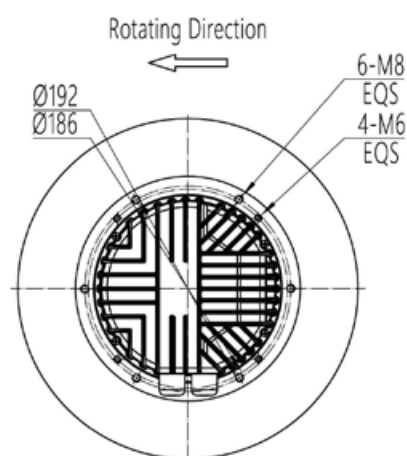
产品认证: CE

工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC320C1	A	380	50/60	3028	1494	5168	78



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	500	4440	3039	1449
	②	600	4161	3019	1474
	③	700	3945	3014	1494
	④	800	3655	2970	1486

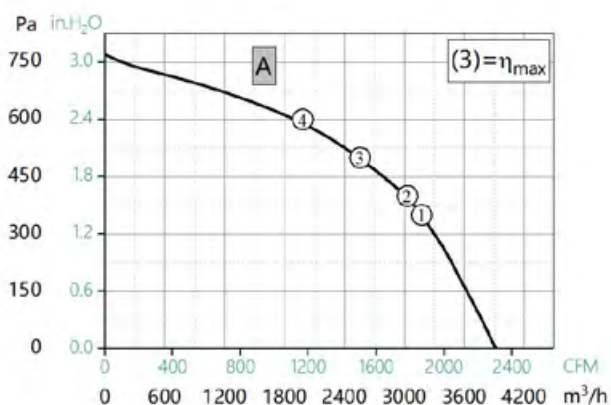




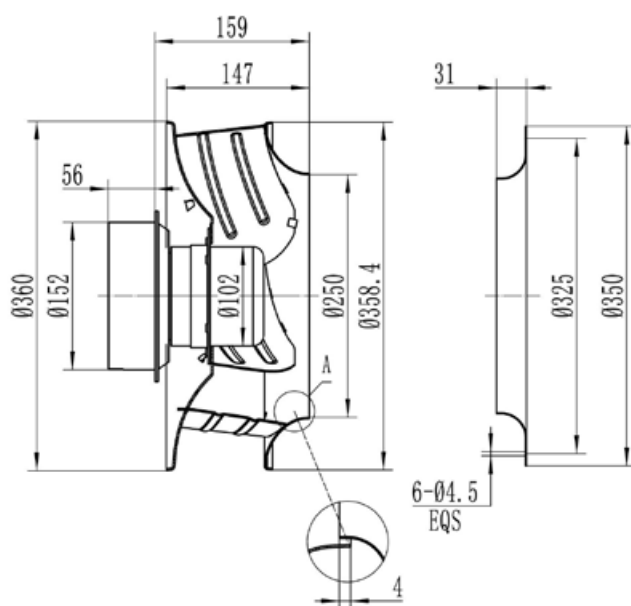
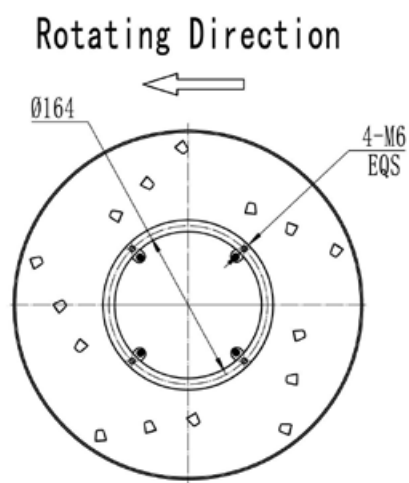
Material: Impeller: Aluminum alloy 5052
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval: CE
Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金
转向: 从电机转子方向看顺时针
调速: 0~10VDC / PWM
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC355A1	A	230	50/60	2055	645	3915	74



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	350	3173	2053	614
	②	400	3031	2055	637
	③	500	2556	2040	642
	④	600	1981	2056	632

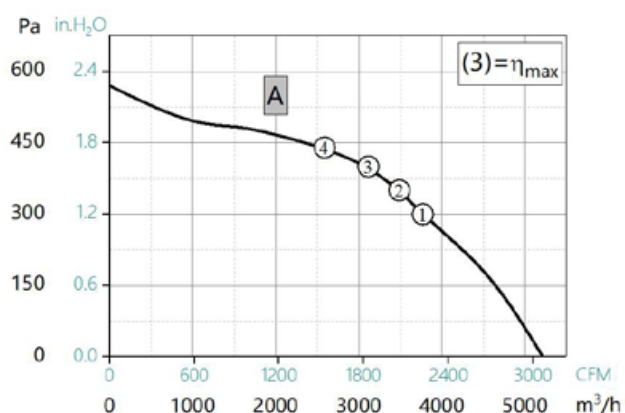




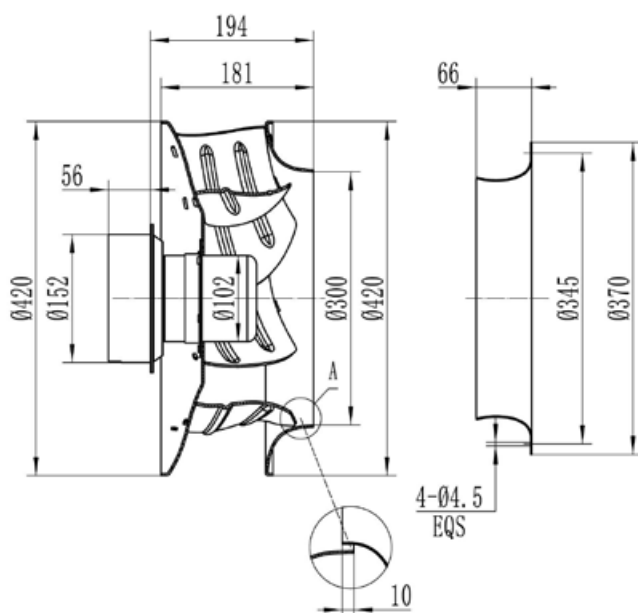
Material: Impeller: Aluminum alloy 5052
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval: CE
Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金
转向: 从电机转子方向看顺时针
调速: 0~10VDC / PWM
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

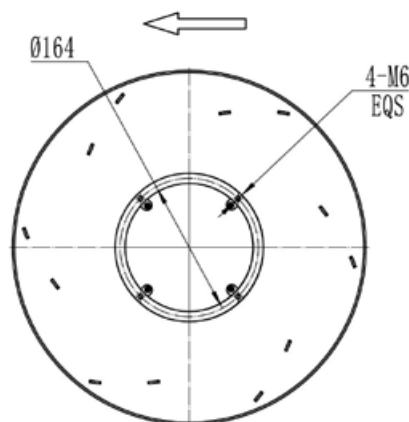
型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC400D1	A	230	50/60	1520	650	5215	75



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	300	3770	1515	648
	②	350	3485	1515	638
	③	400	3115	1520	645
	④	440	2590	1520	586



Rotating Direction





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM

防护等级: IP 54

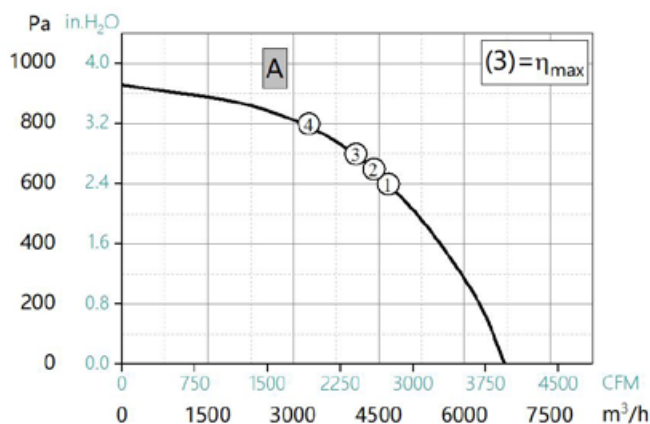
绝缘等级: F

轴承: 免维护轴承

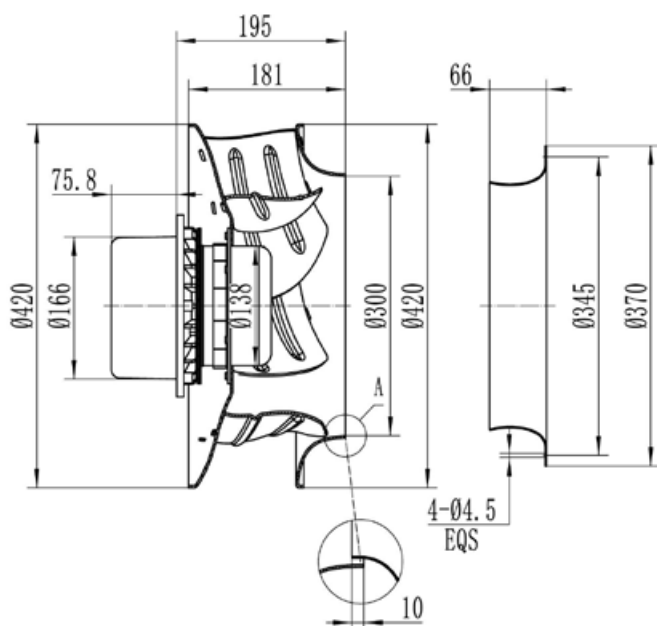
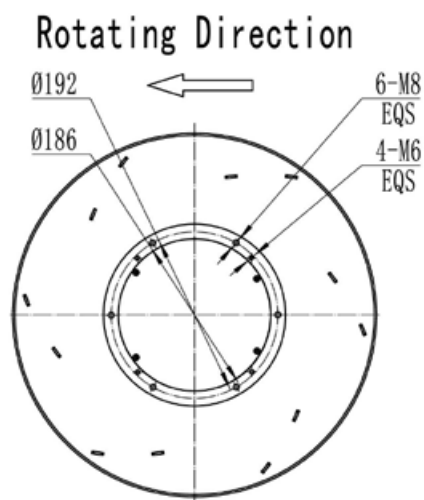
产品认证: CE

工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC400A1	A	380	50/60	2060	1480	6700	77



		P_s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	600	4667	2060	1470
	②	650	4415	2065	1480
	③	700	4100	2065	1480
	④	800	3275	2065	1340





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM/ RS485

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM / RS485

防护等级: IP 54

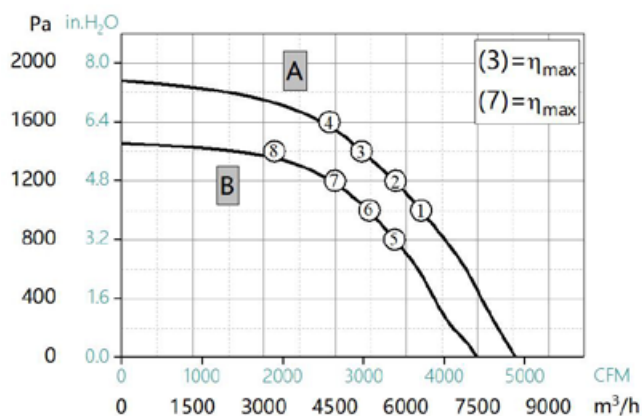
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轴承: 免维护轴承

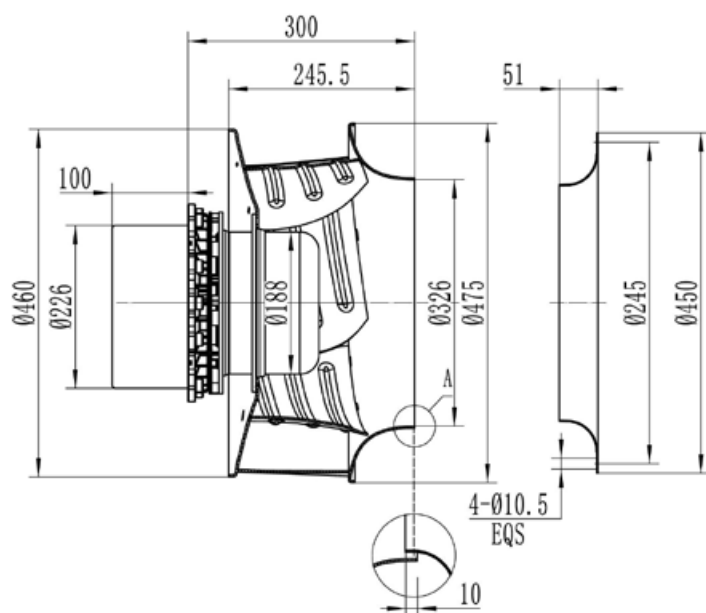
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工作温度: -25~+60°C

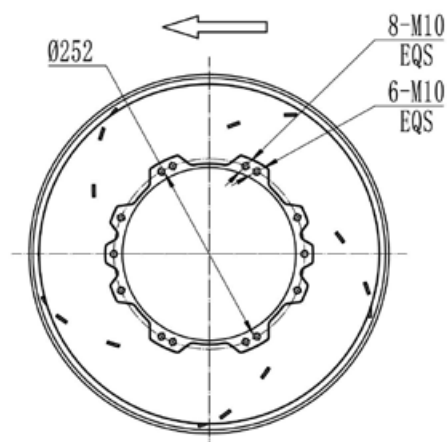
型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC400C1	A	380	50/60	2745	3585	8305	85
EC400B1	B	380	50/60	2405	2700	7485	81

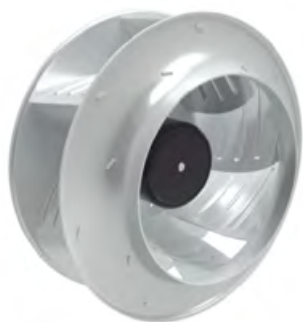


		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	1000	6310	2675	3430
	②	1200	5775	2665	3565
	③	1400	5060	2655	3585
	④	1600	4380	2665	3535
B	⑤	800	5750	2405	2560
	⑥	1000	5215	2405	2655
	⑦	1200	4495	2405	2695
	⑧	1400	3220	2405	2495



Rotating Direction





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM

防护等级: IP 54

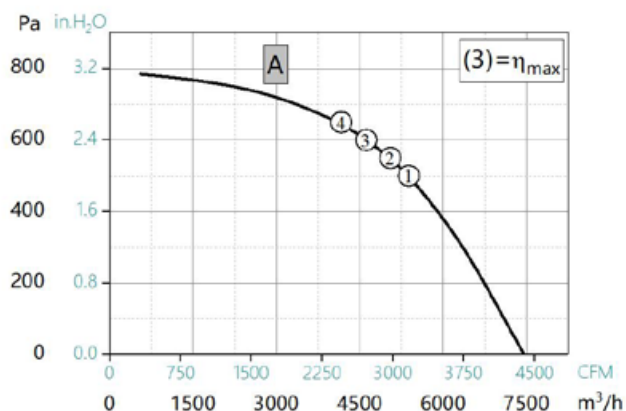
绝缘等级: F

轴承: 免维护轴承

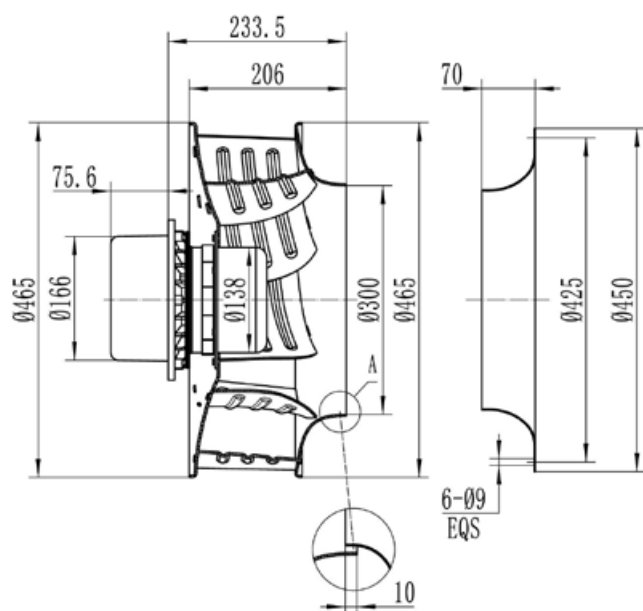
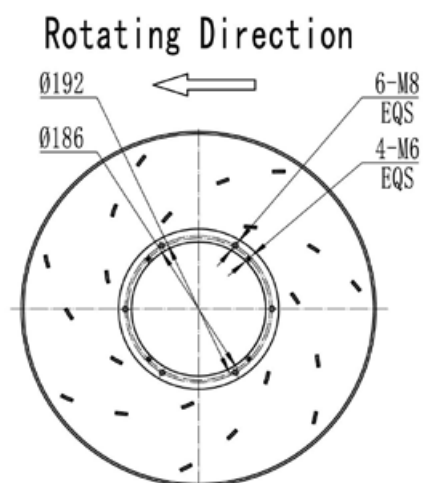
产品认证: CE

工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC450A1	A	380	50/60	1725	1340	7455	79



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	500	5380	1725	1340
	②	550	5050	1725	1340
	③	600	4615	1725	1325
	④	650	4165	1725	1300





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM

防护等级: IP 54

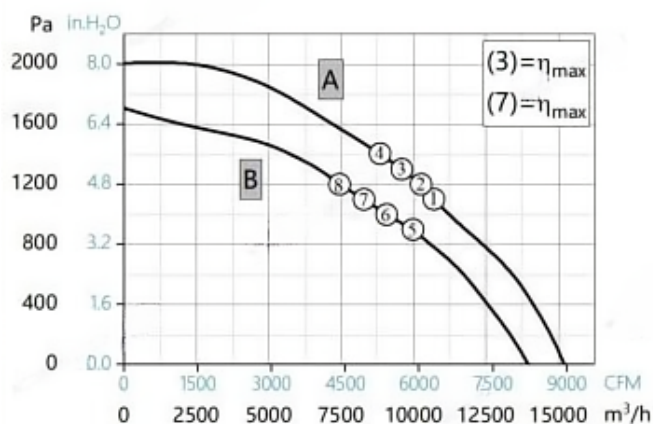
绝缘等级: F

轴承: 免维护轴承

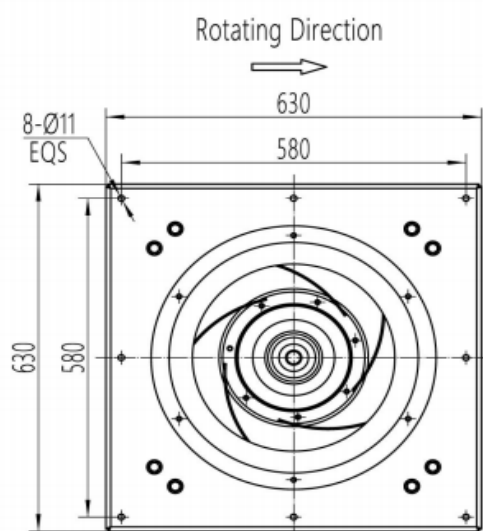
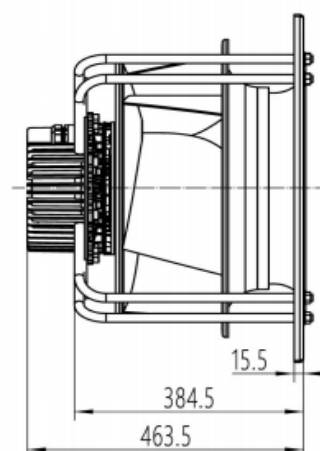
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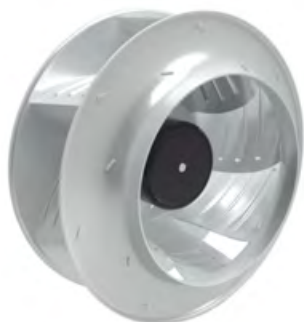
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC450C1	A	380	50/60	2550	5350	15202	95
EC450B1	B	380	50/60	2250	3977	13964	92



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	1102	10703	2423	5330
	②	1201	10258	2419	5261
	③	1301	9591	2411	5261
	④	1405	8839	2411	5286
B	⑤	900	9974	2211	3953
	⑥	1000	9066	2165	3970
	⑦	1101	8282	2159	3974
	⑧	1201	7439	2166	3977





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM/ RS485

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM/ RS485

防护等级: IP 54

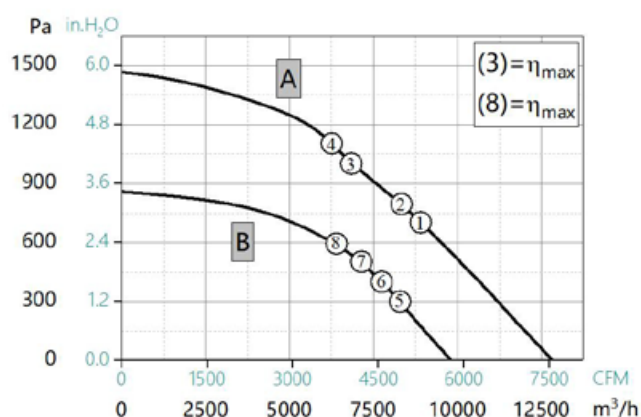
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轴承: 免维护轴承

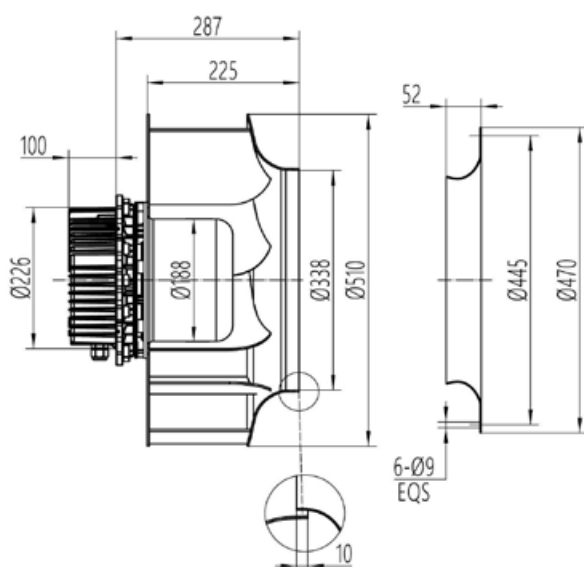
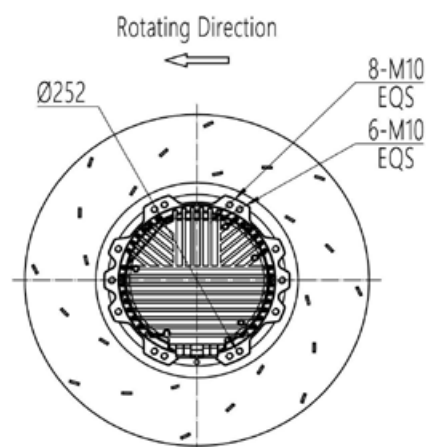
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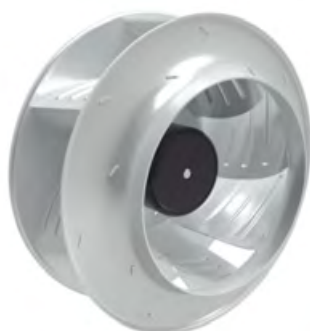
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC520A1	A	380	50/60	2200	4260	12830	87.9
EC520B1	B	380	50/60	1700	2400	9815	83.9



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	700	8905	2060	4220
	②	800	8335	2050	4220
	③	1000	6840	2050	4260
	④	1100	6260	2060	4265
B	⑤	300	8290	1700	2245
	⑥	400	7745	1700	2310
	⑦	500	7140	1700	2400
	⑧	595	6400	1700	2390





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM/ RS485

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval: CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM/ RS485

防护等级: IP 54

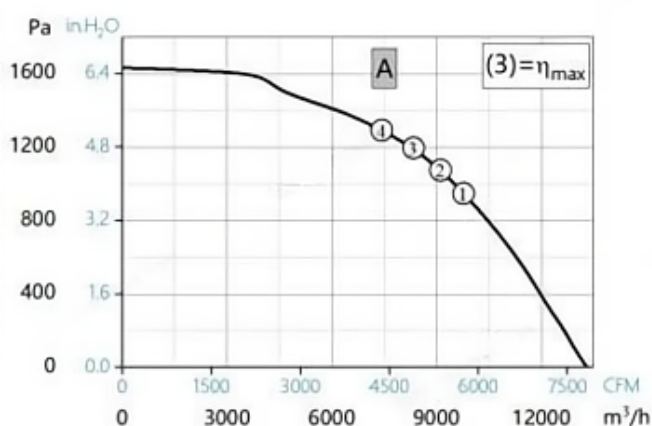
绝缘等级: F

轴承: 免维护轴承

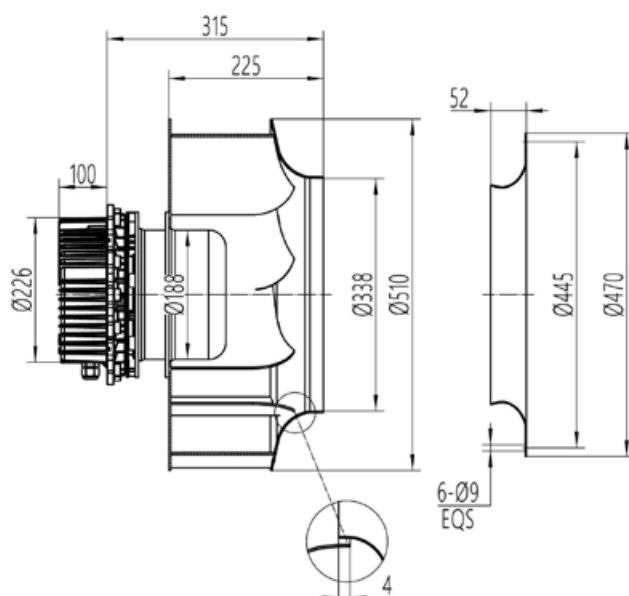
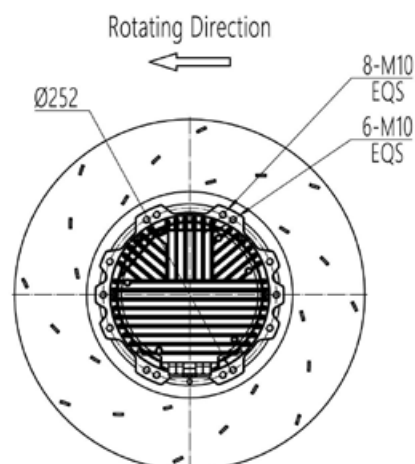
产品认证: CE

工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC520C1	A	380	50/60	2200	5623	13304	92.5



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	950	9768	2200	5519
	②	1076	9110	2200	5623
	③	1197	8338	2200	5574
	④	1293	7427	2200	5454

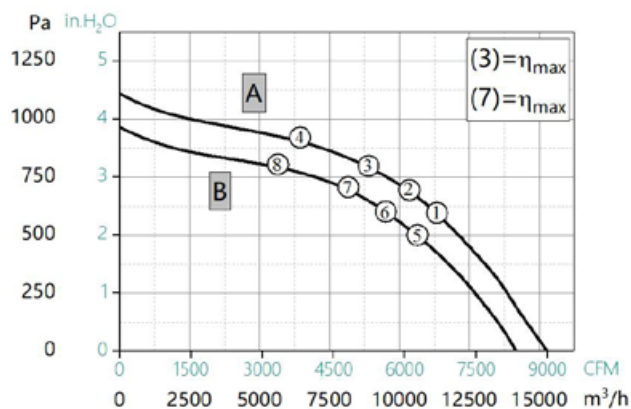




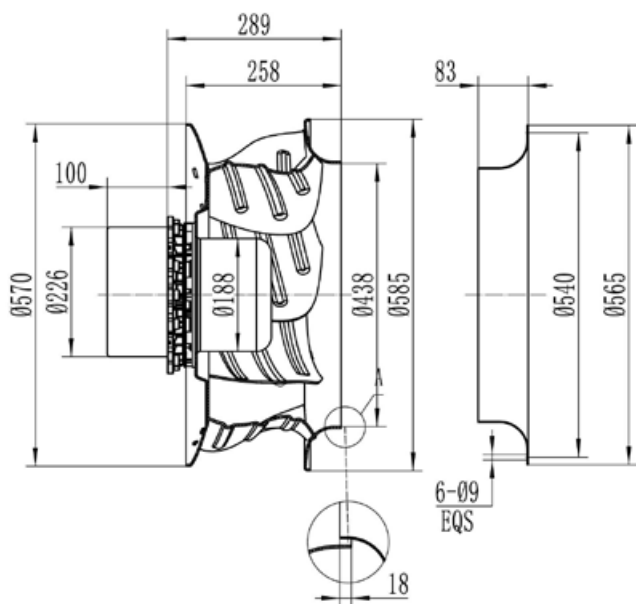
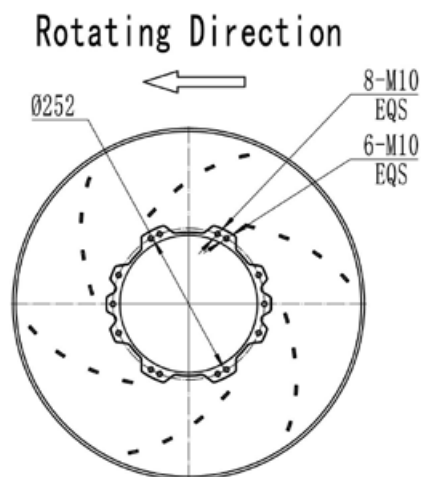
Material: Impeller: Aluminum alloy 5052
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM/ RS485
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval: CE
Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金
转向: 从电机转子方向看顺时针
调速: 0~10VDC / PWM/ RS485
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC560A1	A	380	50/60	1620	3660	15275	86.5
EC560B1	B	380	50/60	1500	2990	14170	82.5



		P_s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	595	11340	1620	3635
	②	695	10350	1620	3660
	③	800	8900	1620	3535
	④	920	6450	1620	3220
B	⑤	500	10640	1500	2955
	⑥	600	9510	1500	2990
	⑦	705	8170	1500	2895
	⑧	805	5655	1500	2500





Material: Impeller: Aluminum alloy 5052

Direction of rotation: Clockwise, seen on rotor

Control input: 0-10VDC/PWM/ RS485

Type of protection: IP 54

Insulation class: F

Bearing: Maintenance-free Ball bearings

Approval:CE

Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金

转向: 从电机转子方向看顺时针

调速: 0~10VDC / PWM/ RS485

防护等级: IP 54

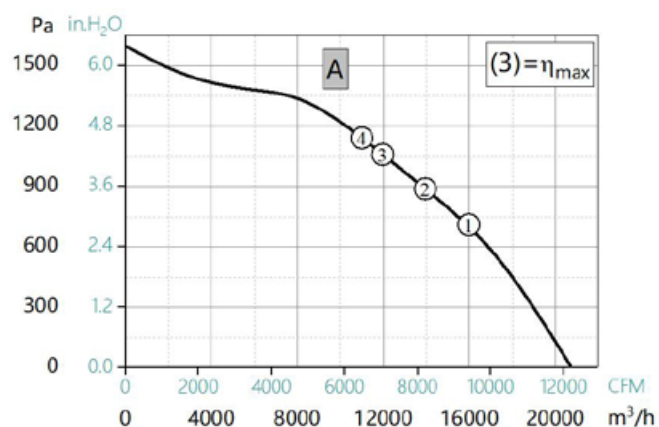
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轴承: 免维护轴承

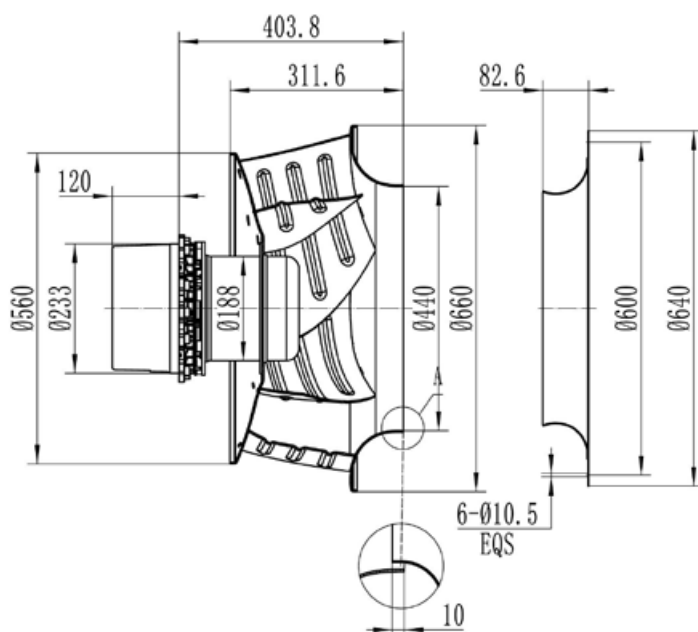
产品认证: CE

工作温度: -25~+60°C

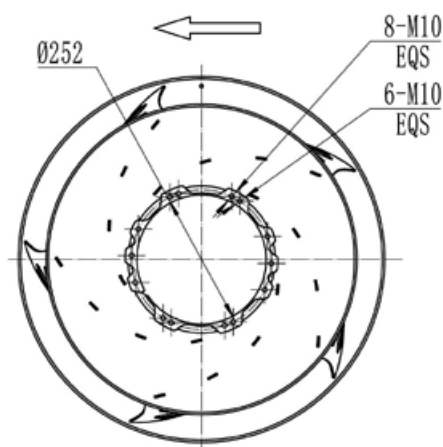
型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC560C1	A	380	50/60	1770	5570	20710	86.5



		P _s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	710	15970	1744	5365
	②	890	13950	1728	5545
	③	1060	11975	1723	5570
	④	1140	11000	1730	5550



Rotating Direction

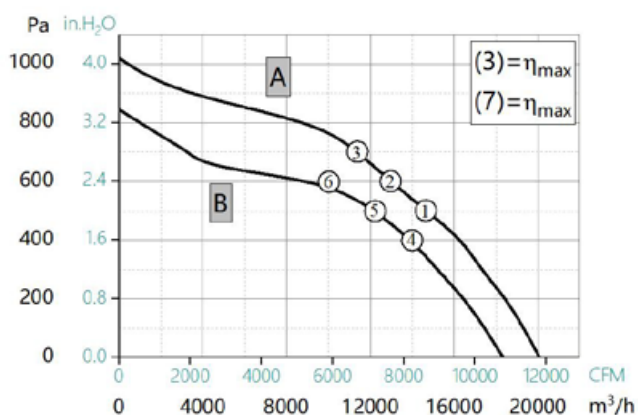




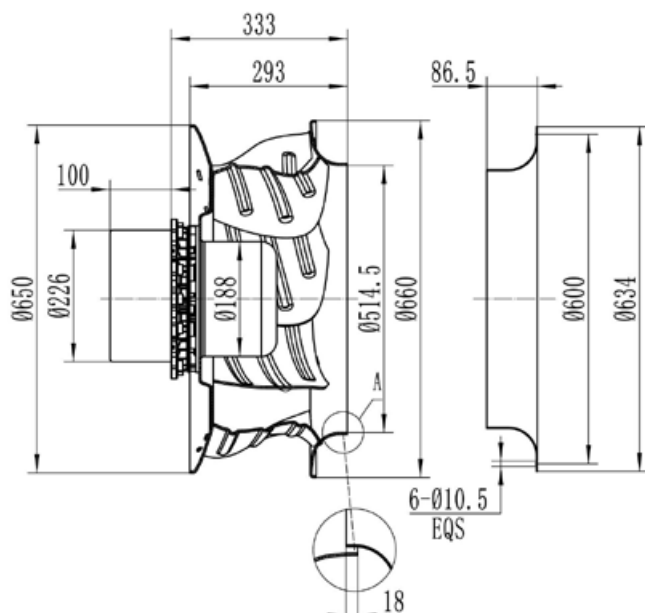
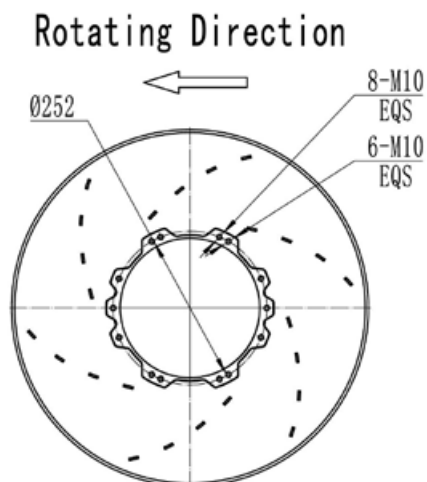
Material: Impeller: Aluminum alloy 5052
Direction of rotation: Clockwise, seen on rotor
Control input: 0-10VDC/PWM
Type of protection: IP 54
Insulation class: F
Bearing: Maintenance-free Ball bearings
Approval: CE
Amb.Temp: -25~+60°C

材料: 风轮采用 5052 铝合金
转向: 从电机转子方向看顺时针
调速: 0~10VDC / PWM/ RS485
防护等级: IP 54
绝缘等级: F
轴承: 免维护轴承
产品认证: CE
工作温度: -25~+60°C

型号 Model	曲线 Curve	额定电压 Voltage [V]	频率 Frequency [Hz]	转速 Speed [rpm]	最大功率 Max Power [W]	最大风量 Max Airflow [m³/h]	噪音 Noise [dB(A)]
EC630A1	A	380	50/60	1380	3850	20100	87.2
EC630B1	B	380	50/60	1260	2970	18330	83.4



		P_s [Pa]	Airflow [m³/h]	Speed [rpm]	Power [W]
A	①	500	14645	1380	3820
	②	600	12965	1380	3850
	③	700	11380	1380	3805
	④	400	13995	1260	2905
B	⑤	500	12230	1260	2970
	⑥	600	10020	1260	2840
	⑦	500	14645	1380	3820
	⑧	600	12965	1380	3850





超越期待 创造未来

EXCEED EXPECTATIONS TO CREATE THE FUTURE

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