

 FOCUS ON EC FAN ONLY

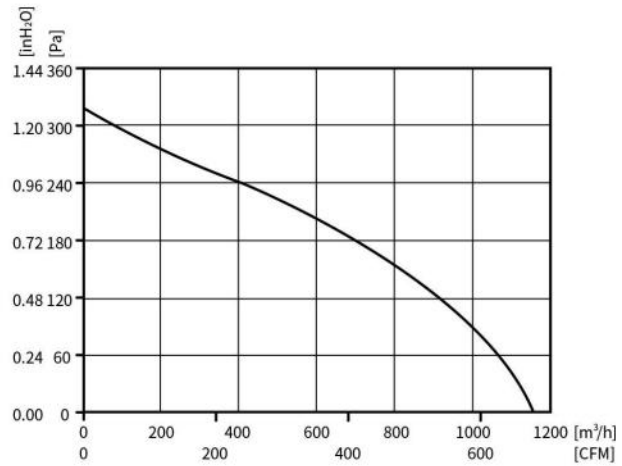


PBM MOTOR AND FAN(SUZHOU) CO.,LTD



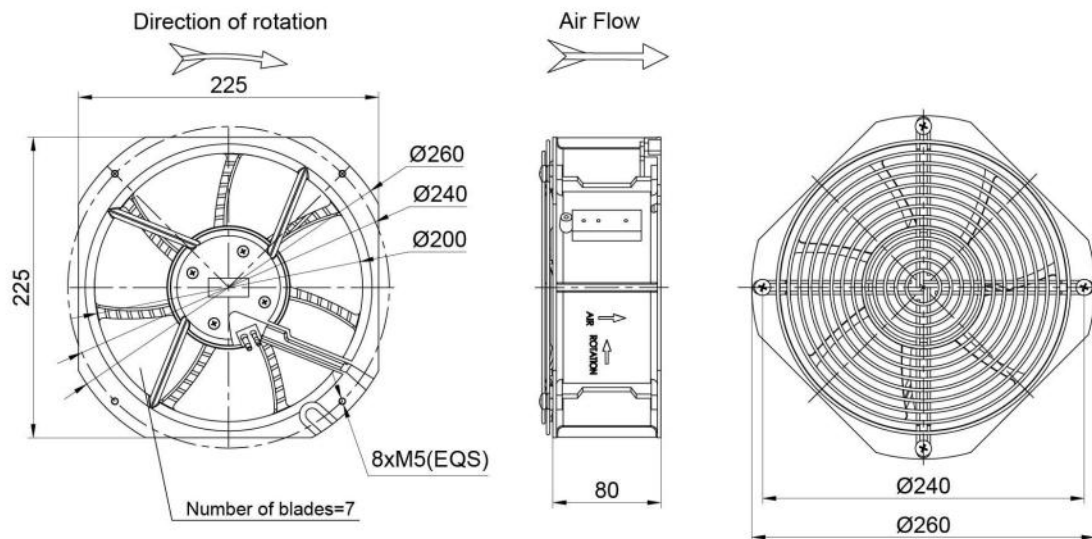
www.pbmmf.com

EC Axial Fan Ø200x80mm



Axial Fans

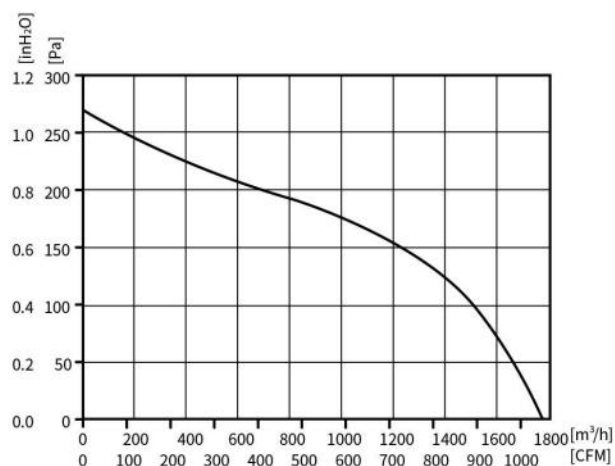
Motor Type EC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0-10VDC/PWM	Protection Type IP44	Insulation Class B	Operating Temperature -25°C ~ +60°C	Weight 1.89KG	Wiring Mode E1
---	------------------------------	-------------------------	-----------------------	--	------------------	-------------------



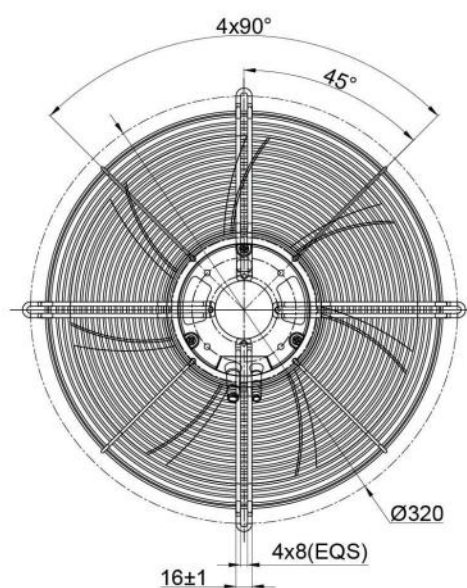
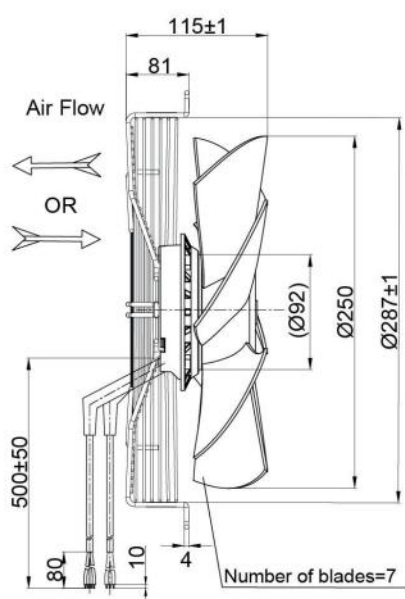
Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PA3N200B2EH	BE72EC	BALL	230	50/60	0.6	70	3200	1160	320	68

EC Axial Fan Ø250x115mm

Axial Fans

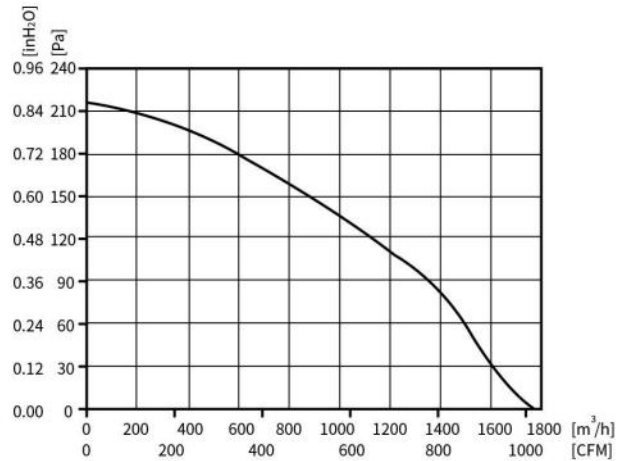


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
EC BRUSHLESS EXTERNAL ROTOR MOTOR	0-10VDC/PWM	IP44	B	-25°C~+60°C	2.34KG	E2

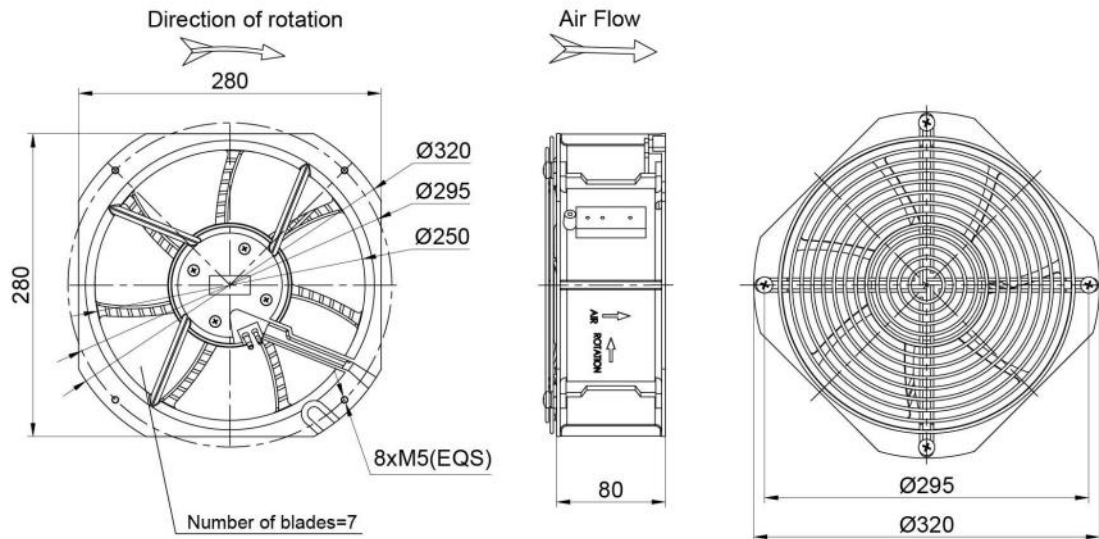


Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M ³ /H	Pa	dB(A)
PG3N250B2EM	BE92EC	BALL	230	50/60	1.25	180	3000	1722	268	75

EC Axial Fan Ø250x80mm



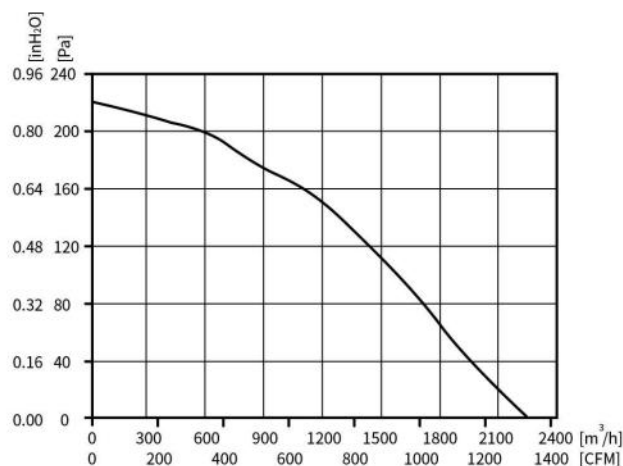
Motor Type EC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0-10VDC/PWM	Protection Type IP44	Insulation Class B	Operating Temperature -25°C ~ +60°C	Weight 2.45KG	Wiring Mode E2
---	------------------------------	-------------------------	-----------------------	--	------------------	-------------------



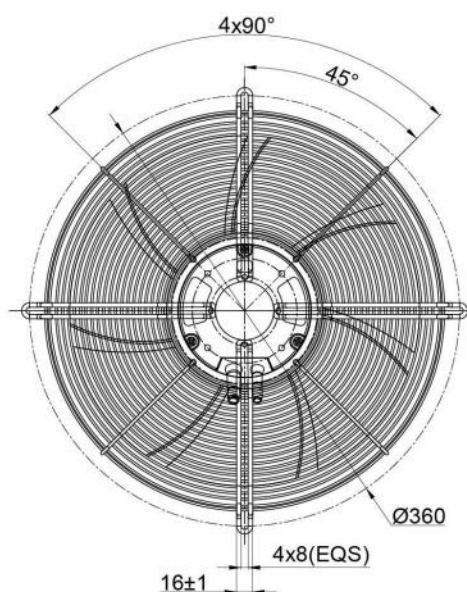
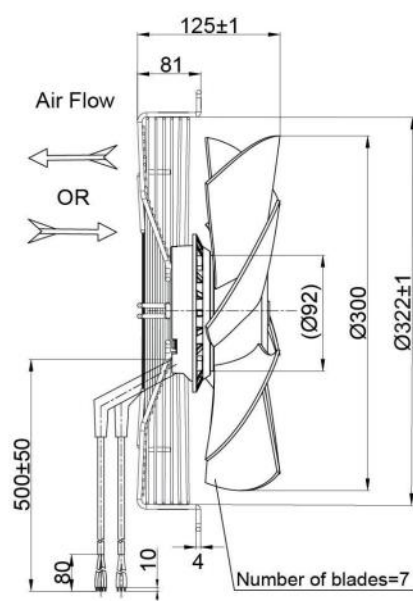
Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PA3N250B2EH	BE92EC	BALL	230	50/60	0.7	80	2650	1760	215	64

EC Axial Fan $\varnothing 300 \times 125 \text{mm}$

Axial Fans

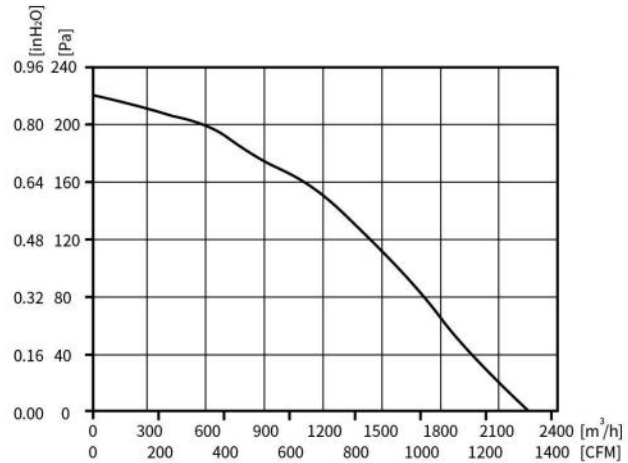


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
EC BRUSHLESS EXTERNAL ROTOR MOTOR	0-10VDC/PWM	IP44	B	-25°C~+60°C	2.65KG	E2

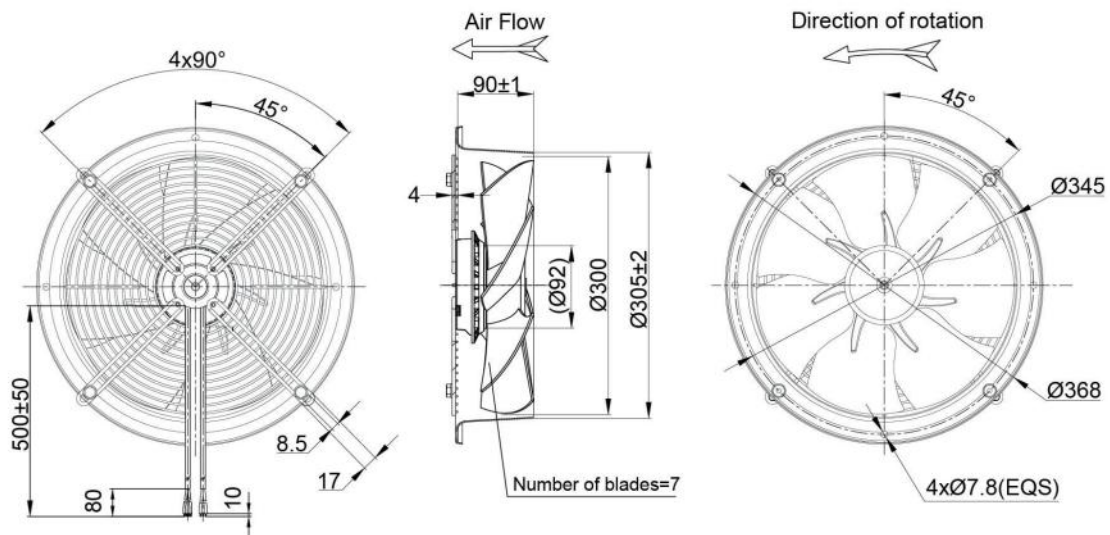


Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PG3N300B2EM	BE92EC	BALL	230	50/60	0.7	95	2000	2267	214	71

EC Axial Fan Ø300x90mm



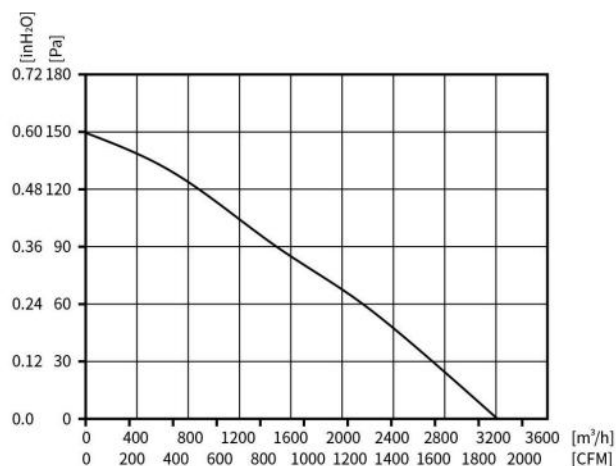
Motor Type EC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0-10VDC/PWM	Protection Type IP44	Insulation Class B	Operating Temperature -25°C ~ +60°C	Weight 3.5KG	Wiring Mode E2
---	------------------------------	-------------------------	-----------------------	--	-----------------	-------------------



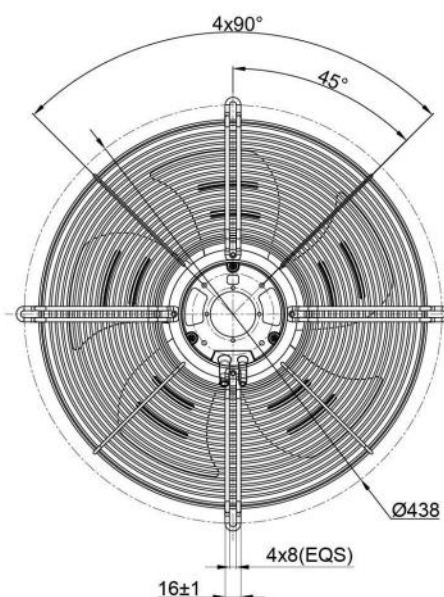
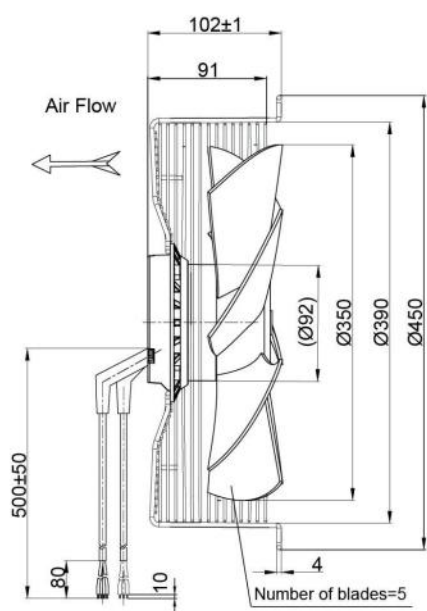
Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PW3N300B2EH	BE92EC	BALL	230	50/60	0.7	95	2000	2267	214	71

EC Axial Fan Ø350x100mm

Axial Fans

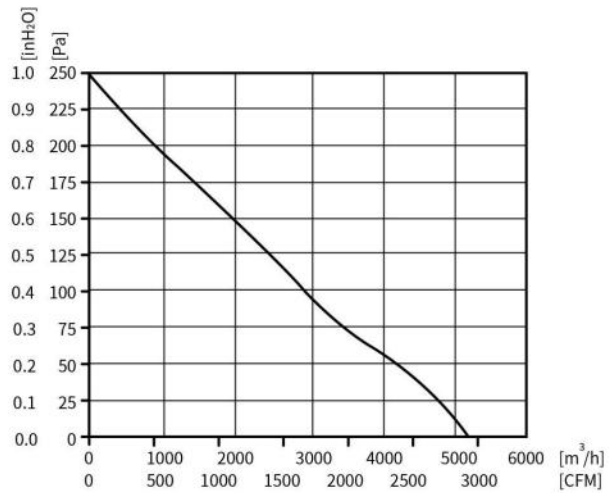


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
EC BRUSHLESS EXTERNAL ROTOR MOTOR	0-10VDC/PWM	IP44	B	-25°C~+60°C	5.5KG	E2



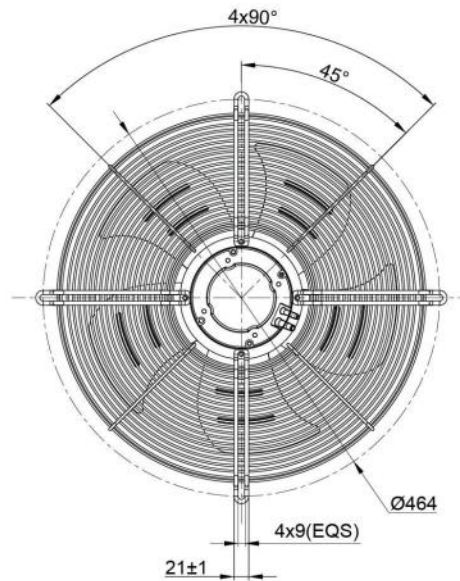
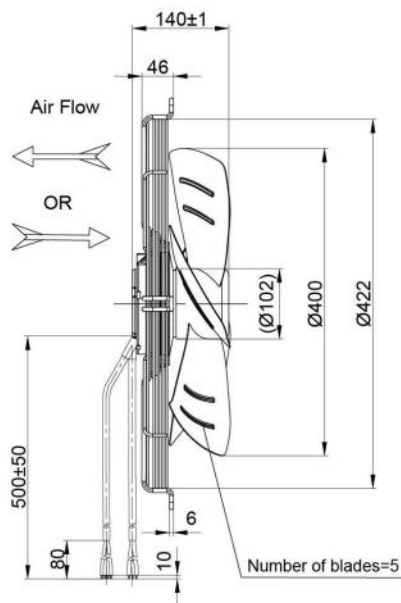
Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PG3N350B2EP	BE92EC	BALL	230	50/60	1.58	230	1580	3210	150	63

EC Axial Fan Ø400x140mm



Axial Fans

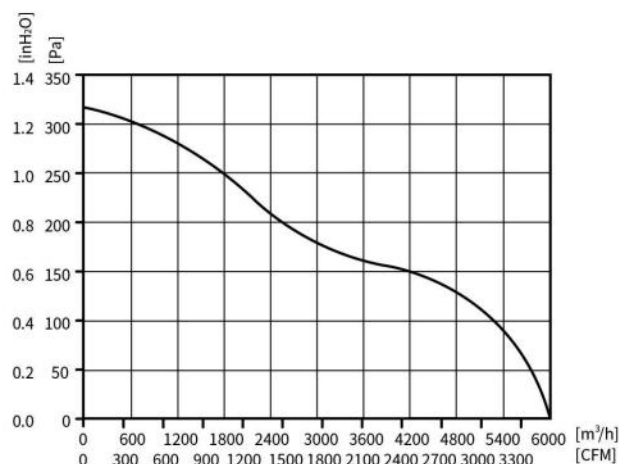
Motor Type EC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0-10VDC/PWM	Protection Type IP44	Insulation Class F	Operating Temperature -25°C ~ +60°C	Weight 5.9KG	Wiring Mode E4
---	------------------------------	-------------------------	-----------------------	--	-----------------	-------------------



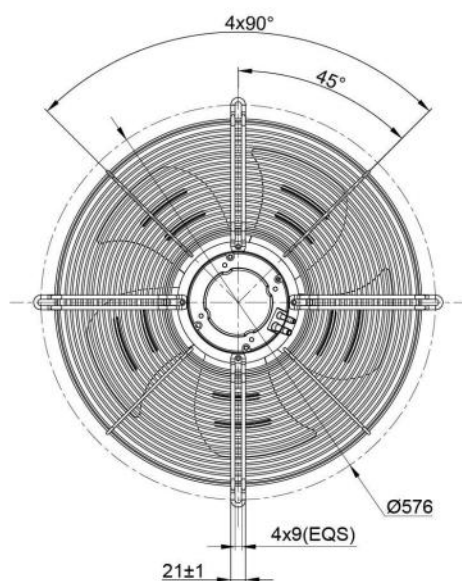
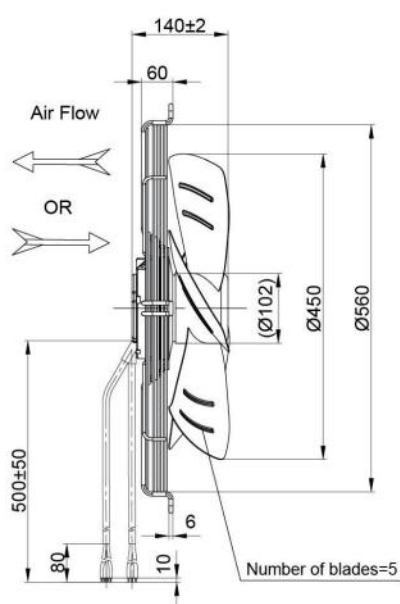
Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PG3N400B2EH	BE102EC	BALL	230	50/60	3.2	400	1700	5200	250	67

EC Axial Fan Ø450x140mm

Axial Fans

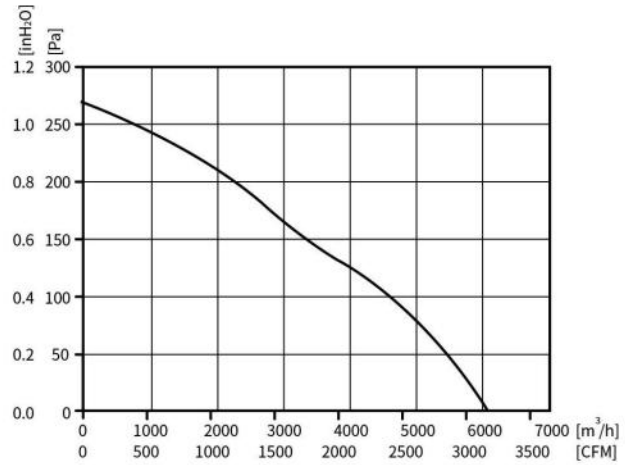


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
EC BRUSHLESS EXTERNAL ROTOR MOTOR	0-10VDC/PWM	IP44	F	-25°C~+60°C	6.3KG	E4

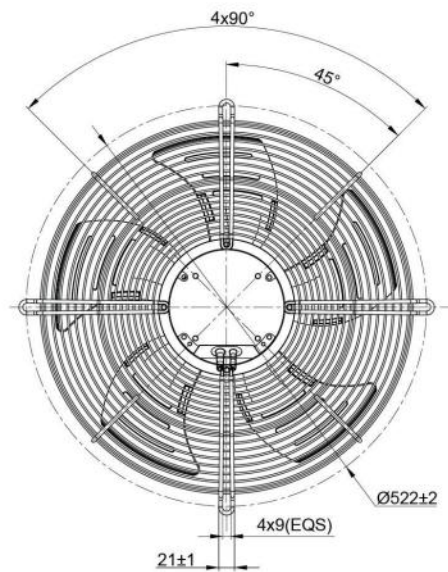
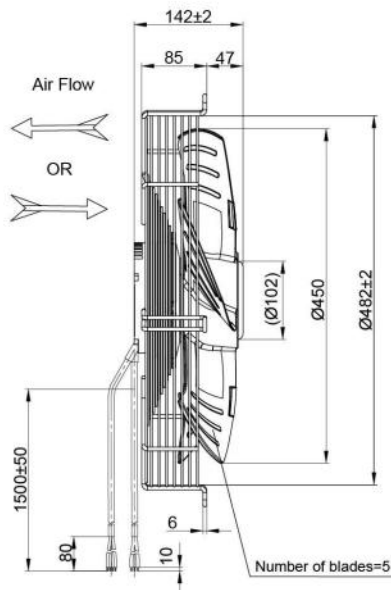


Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PG3N450B2EM	BE102EC	BALL	230	50/60	2.7	400	1750	6001	316	76

EC Axial Fan Ø450x142mm



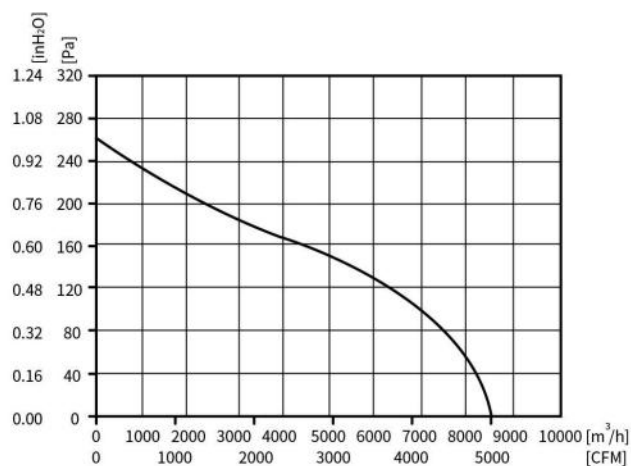
Motor Type EC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0-10VDC/PWM	Protection Type IP44	Insulation Class F	Operating Temperature -25°C ~ +60°C	Weight 6.8KG	Wiring Mode E4
---	------------------------------	-------------------------	-----------------------	--	-----------------	-------------------



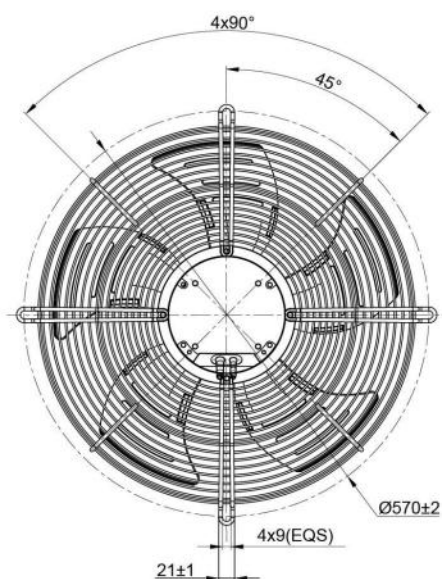
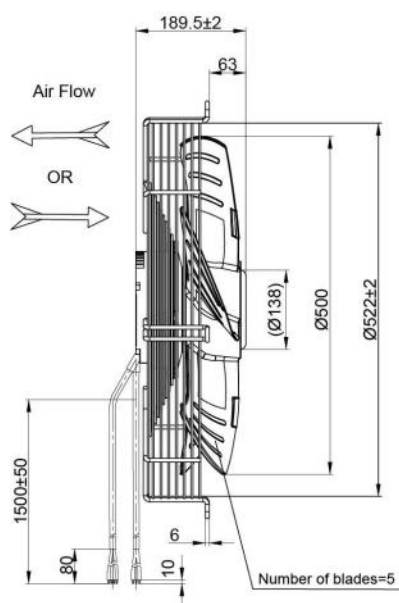
Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PG3N450B2EP	BE102EC	BALL	230	50/60	1.8	400	1700	6080	270	70

EC Axial Fan Ø500x182mm

Axial Fans

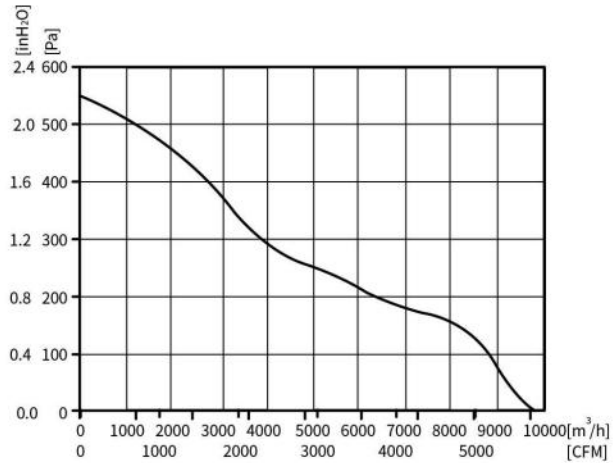


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
EC BRUSHLESS EXTERNAL ROTOR MOTOR	0-10VDC/PWM	IP54	F	-25°C~+60°C	12.5KG	E5



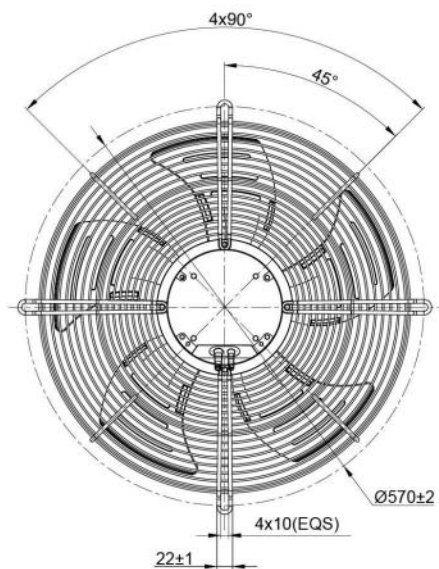
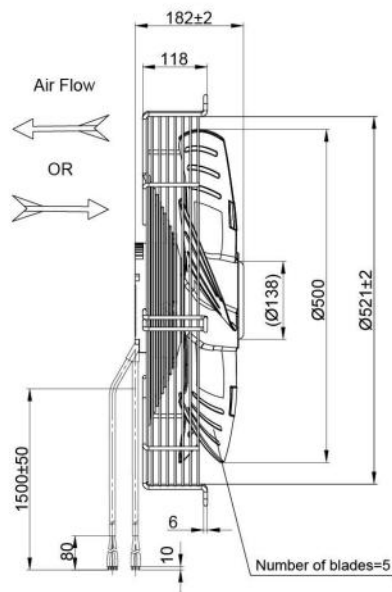
Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PG3N500B2EM	BE138EC	BALL	230	50/60	2.9	600	1450	8500	260	71

EC Axial Fan Ø500x182mm



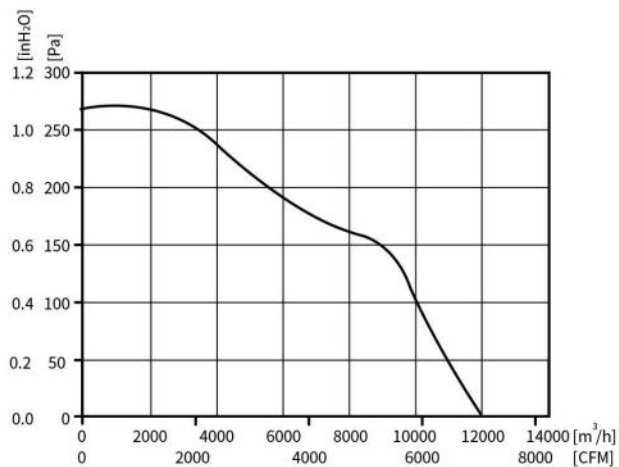
Axial Fans

Motor Type EC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0-10VDC/PWM	Protection Type IP44	Insulation Class F	Operating Temperature -25°C ~ +60°C	Weight 13.5KG	Wiring Mode E6
---	------------------------------	-------------------------	-----------------------	--	------------------	-------------------

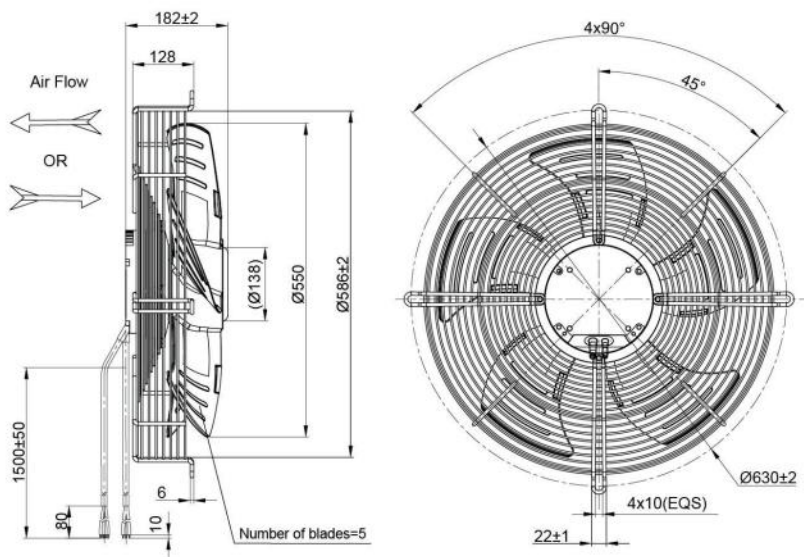


Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PG3N500B4EM	BE138EC	BALL	380	50/60	1.5	850	1690	9630	550	78

EC Axial Fan Ø550x182mm

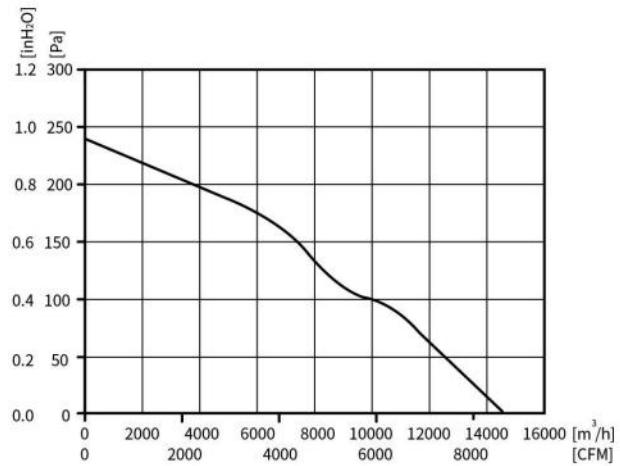


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
EC BRUSHLESS EXTERNAL ROTOR MOTOR	0-10VDC/PWM	IP44	F	-25℃~+60℃	14.8KG	E6

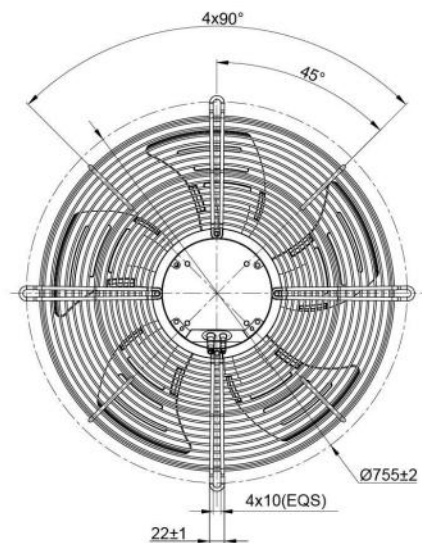
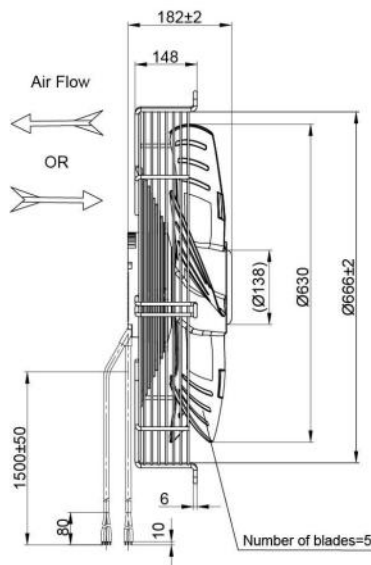


Model	Motor	Bearing System	Rated Voltage	Frequency	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VAC	Hz	A	W	RPM	M³/H	Pa	dB(A)
PG3N550B4EM	BE138EC	BALL	380	50/60	1.65	950	1690	12000	270	78

EC Axial Fan Ø630x182mm



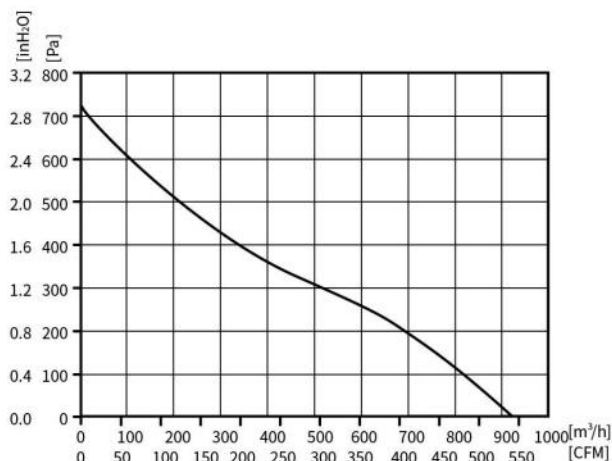
Motor Type EC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0-10VDC/PWM	Protection Type IP44	Insulation Class F	Operating Temperature -25°C ~ +60°C	Weight 16.2KG	Wiring Mode E6
---	------------------------------	-------------------------	-----------------------	--	------------------	-------------------



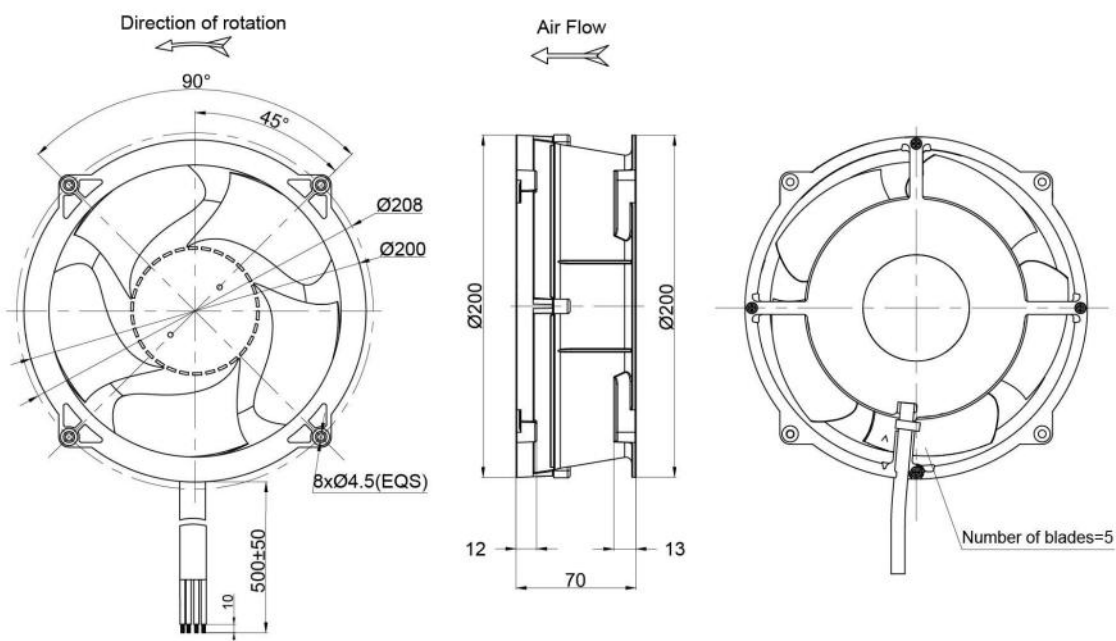
Model Part No.	Motor Type	Bearing System B/S	Rated Voltage VAC	Frequency Hz	Rated Current A	Rated Power W	Rated Speed RPM	Air Flow M³/H	Air Pressure Pa	Sound Level dB(A)
PG3N630B4EM	BE138EC	BALL	380	50/60	1.3	800	1150	14500	240	69

DC Axial Fan Ø180x70mm

Axial Fans

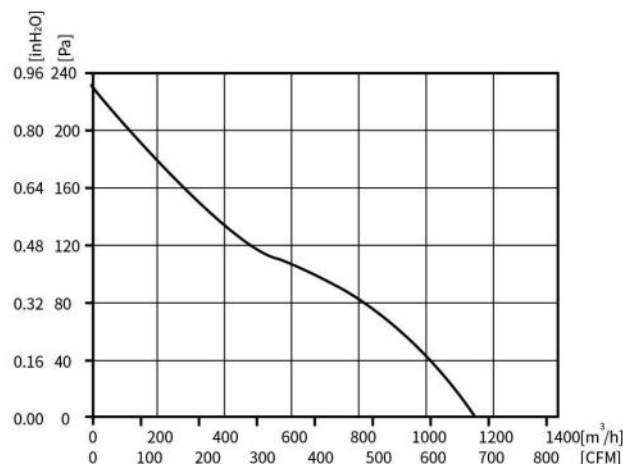


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
DC BRUSHLESS EXTERNAL ROTOR MOTOR	0~10VDC/PWM	IP44	B	-25°C~+60°C	1.8KG	D2



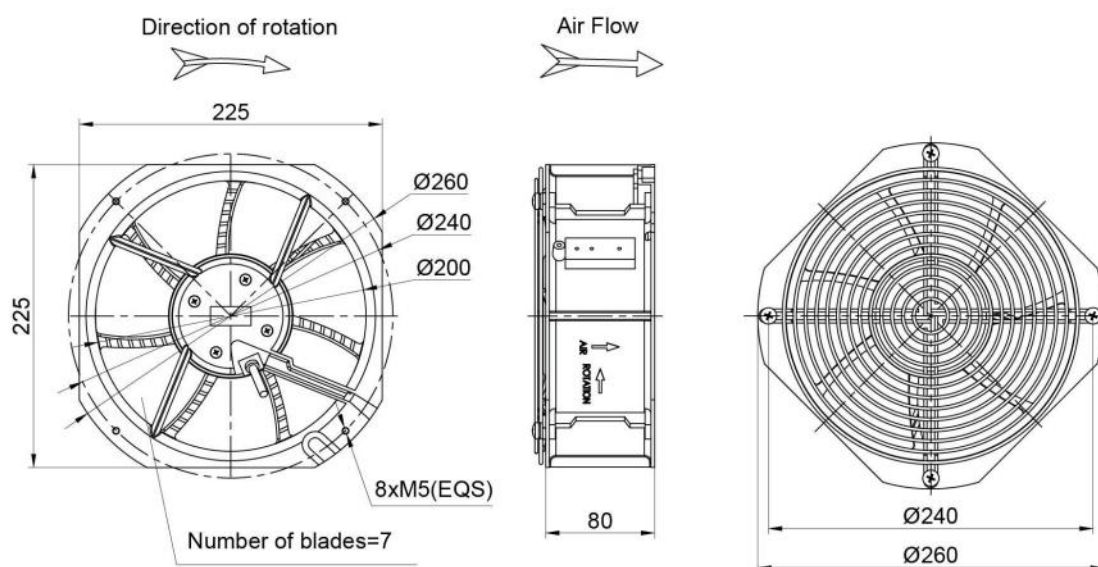
Model	Motor	Bearing System	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VDC	VDC	A	W	RPM	M³/H	Pa	dB(A)
PA3N180B24H	BE92DC	BALL	24	16~28	4.2	100.8	4500	925	709	68
PA3N180B48H	BE92DC	BALL	48	36~57	2.1	100.8	4500	925	709	68

DC Axial Fan Ø200x80mm



Axial Fans

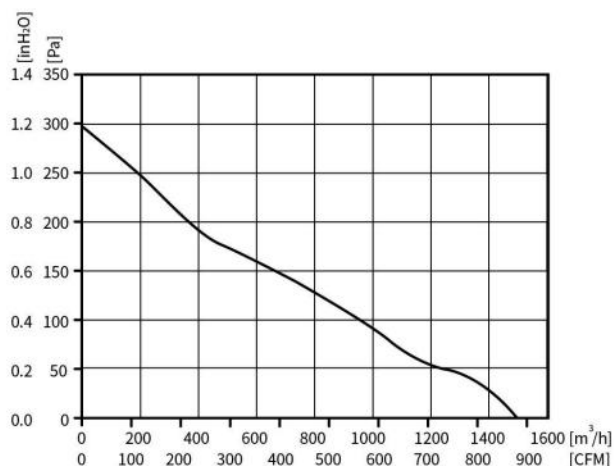
Motor Type DC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0~10VDC/PWM	Protection Type IP44	Insulation Class B	Operating Temperature -25°C ~ +60°C	Weight 2.4KG	Wiring Mode D2
---	------------------------------	-------------------------	-----------------------	--	-----------------	-------------------



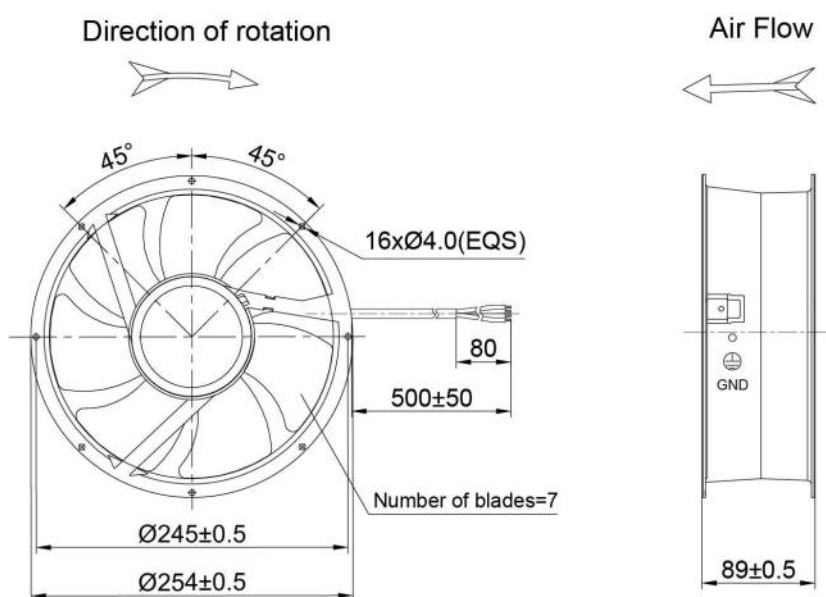
Model Part No.	Motor Type	Bearing System B/S	Rated Voltage VDC	Operating Voltage VDC	Rated Current A	Rated Power W	Rated Speed RPM	Air Flow M³/H	Air Pressure Pa	Sound Level dB(A)
PA3N200B24H	BE92DC	BALL	24	16~28	1.8	43.2	2750	1150	236	60
PA3N200B48H	BE92DC	BALL	48	36~57	0.9	43.2	2750	1150	236	60

DC Axial Fan Ø215x89mm

Axial Fans

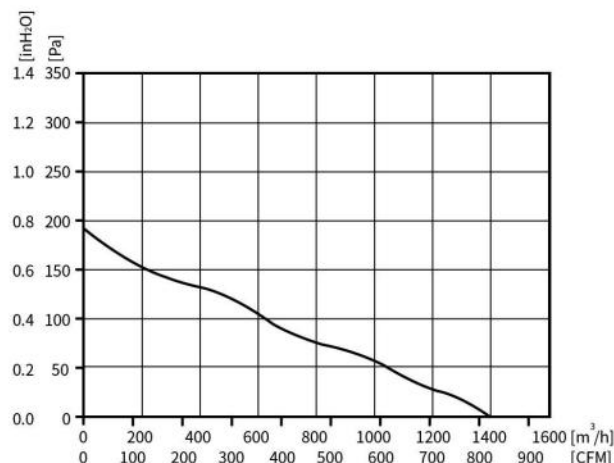


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
DC BRUSHLESS EXTERNAL ROTOR MOTOR	0~10VDC/PWM	IP44	B	-25°C~+60°C	2.1KG	D2



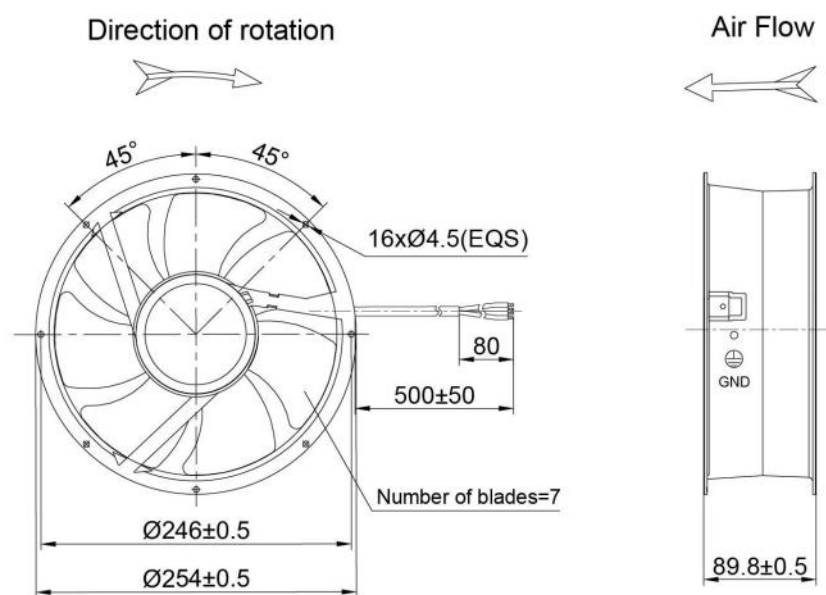
Model	Motor	Bearing System	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VDC	VDC	A	W	RPM	M³/H	Pa	dB(A)
PA3N215B24U	BE92DC	BALL	24	16~28	1.9	91	3100	1512	294	69
PA3N215B48U	BE92DC	BALL	48	36~57	0.95	91	3100	1512	294	69

DC Axial Fan Ø215x89.8mm



Axial Fans

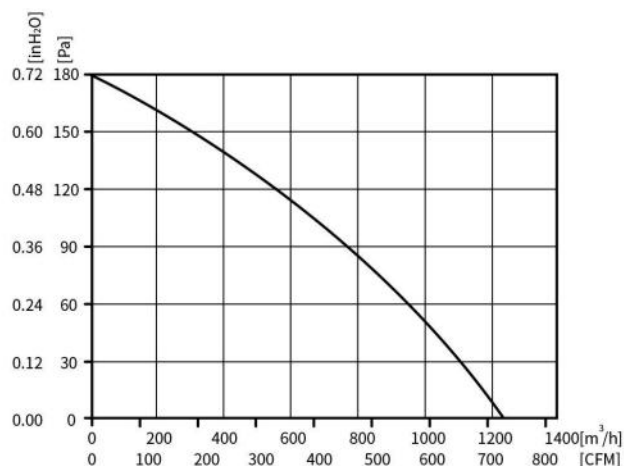
Motor Type DC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0~10VDC/PWM	Protection Type IP44	Insulation Class B	Operating Temperature -25°C~+60°C	Weight 2.1KG	Wiring Mode D1
---	------------------------------	-------------------------	-----------------------	--------------------------------------	-----------------	-------------------



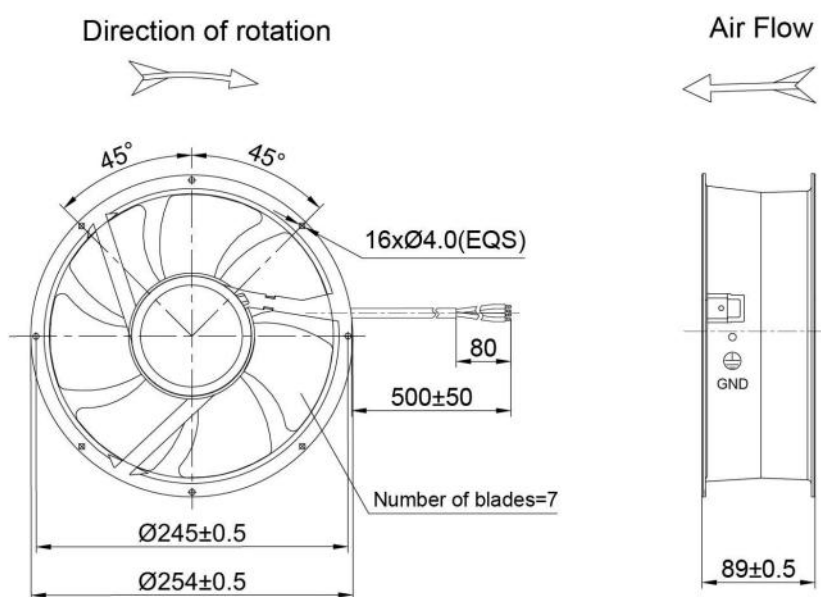
Model Part No.	Motor Type	Bearing System B/S	Rated Voltage VDC	Operating Voltage VDC	Rated Current A	Rated Power W	Rated Speed RPM	Air Flow M³/H	Air Pressure Pa	Sound Level dB(A)
PA3N215B24H	BE72DC	BALL	24	16~28	1.5	72	2500	1410	190	65
PA3N215B48H	BE72DC	BALL	48	36~57	0.75	72	2500	1410	190	65

DC Axial Fan Ø215x89mm

Axial Fans

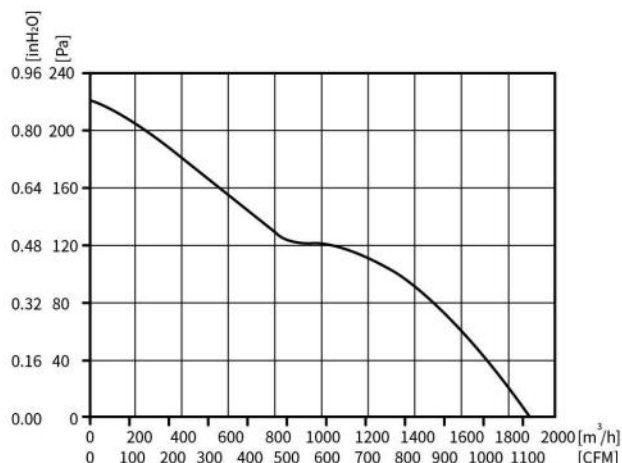


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
DC BRUSHLESS EXTERNAL ROTOR MOTOR	0~10VDC/PWM	IP44	B	-25°C~+60°C	2.8KG	D2

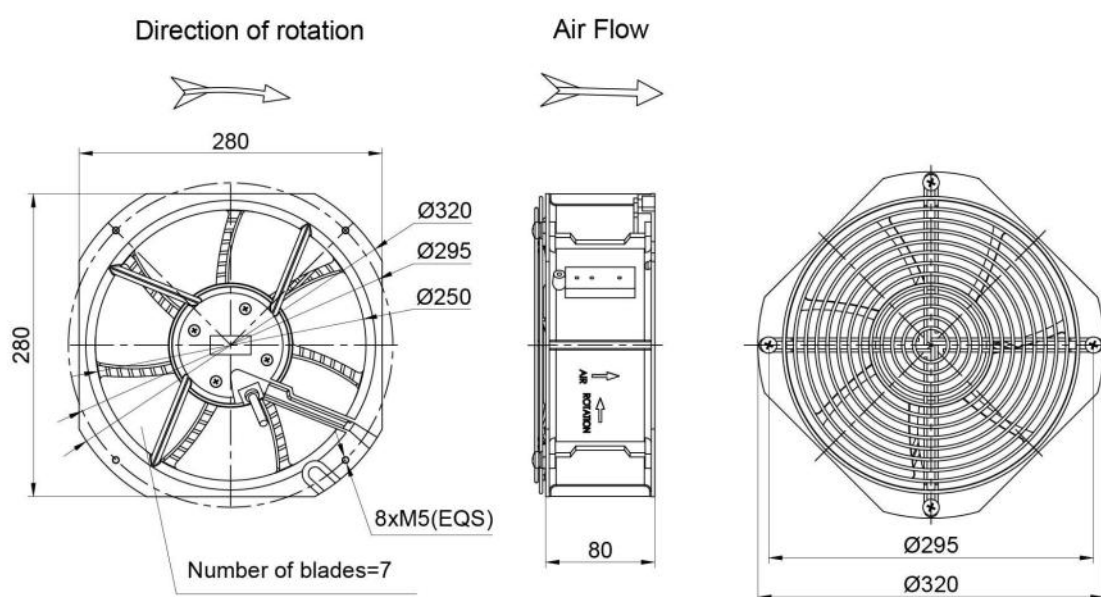


Model	Motor	Bearing System	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VDC	VDC	A	W	RPM	M³/H	Pa	dB(A)
PA3N215B24M	BE92DC	BALL	24	16~28	2.6	62.4	2000	1230	180	62
PA3N215B48M	BE92DC	BALL	48	36~57	1.3	62.4	2000	1230	180	62

DC Axial Fan Ø250x80mm



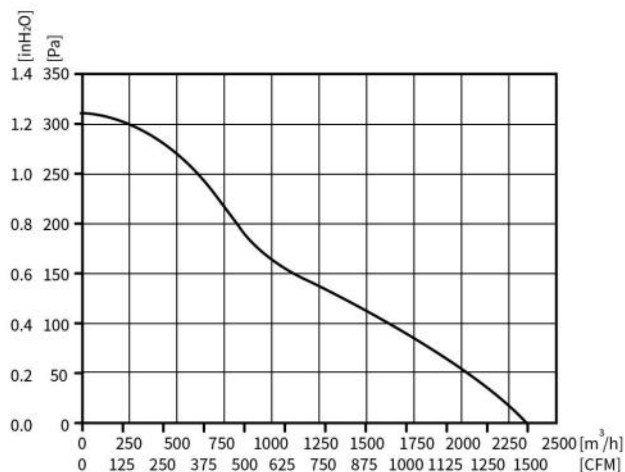
Motor Type DC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0~10VDC/PWM	Protection Type IP44	Insulation Class B	Operating Temperature -25°C~+60°C	Weight 2.5KG	Wiring Mode D2
---	------------------------------	-------------------------	-----------------------	--------------------------------------	-----------------	-------------------



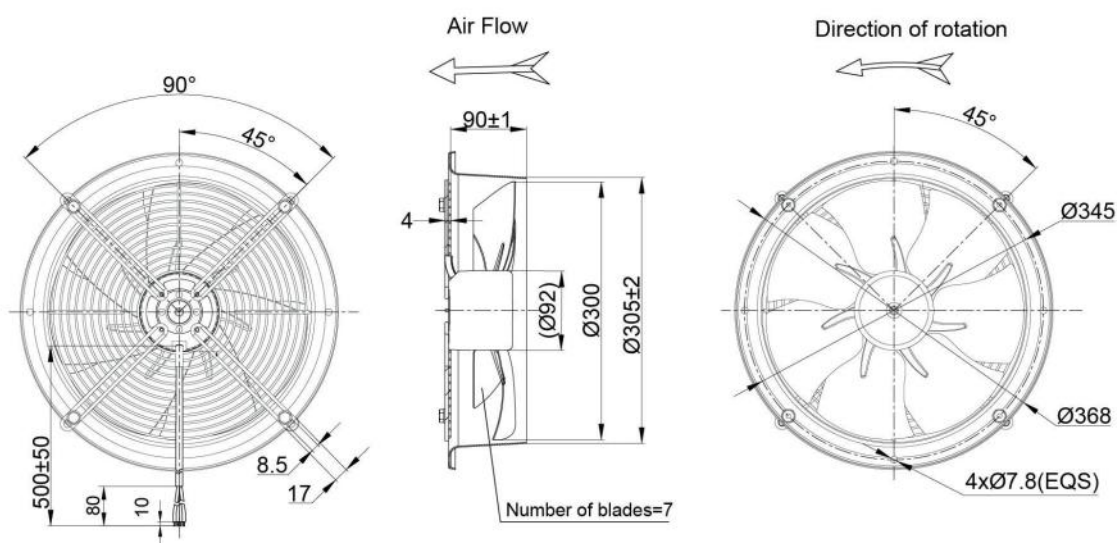
Model	Motor	Bearing System	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VDC	VDC	A	W	RPM	M³/H	Pa	dB(A)
PA3N250B24H	BE92DC	BALL	24	16~28	4.8	115.2	2750	1900	220	69
PA3N250B48H	BE92DC	BALL	48	36~57	2.4	115.2	2750	1900	220	69

DC Axial Fan Ø300x90mm

Axial Fans

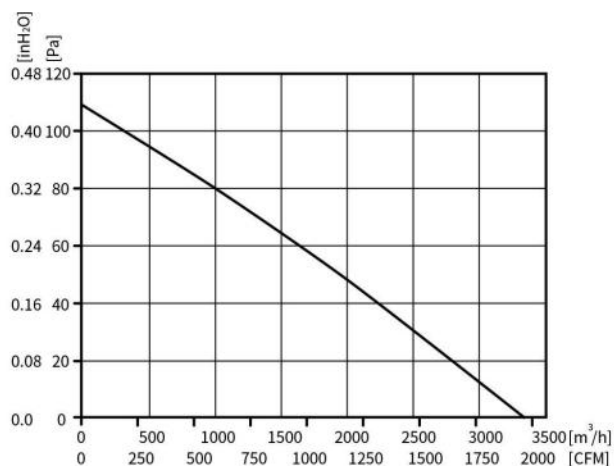


Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
DC BRUSHLESS EXTERNAL ROTOR MOTOR	0~10VDC/PWM	IP44	B	-25°C~+60°C	3.5KG	D2



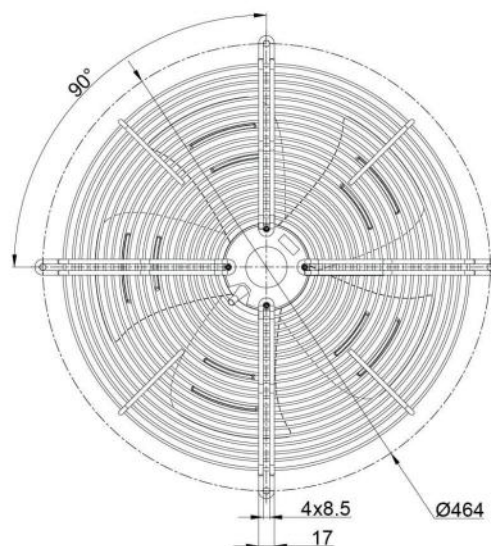
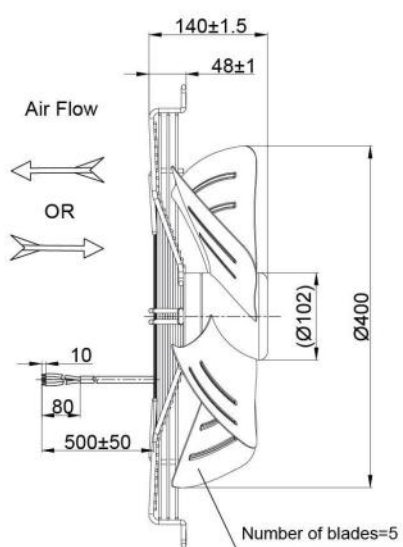
Model	Motor	Bearing System	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VDC	VDC	A	W	RPM	M³/H	Pa	dB(A)
PW3N300B24H	BE92DC	BALL	24	16~28	6.5	156	2200	2330	316	65
PW3N300B48H	BE92DC	BALL	48	36~57	3.25	156	2200	2330	316	65

DC Axial Fan Ø400x140mm



Axial Fans

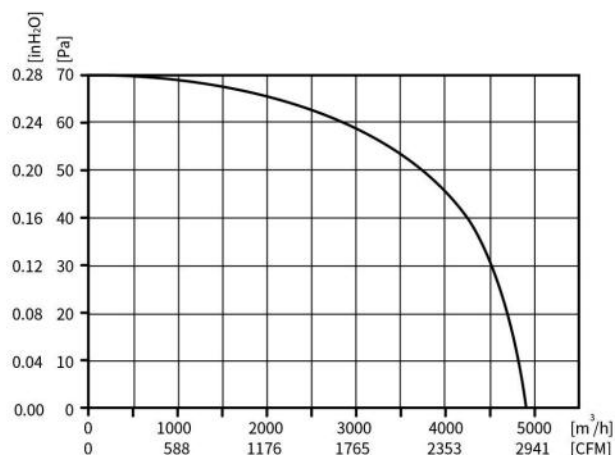
Motor Type DC BRUSHLESS EXTERNAL ROTOR MOTOR	Speed Control 0~10VDC/PWM	Protection Type IP44	Insulation Class B	Operating Temperature -25°C~+60°C	Weight 5.1KG	Wiring Mode D3
---	------------------------------	-------------------------	-----------------------	--------------------------------------	-----------------	-------------------



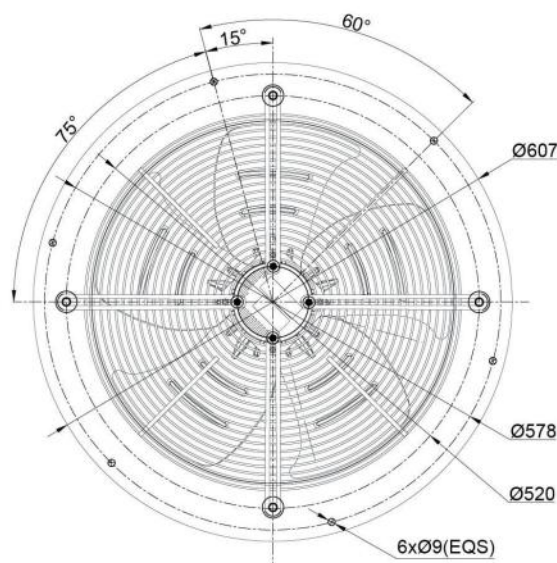
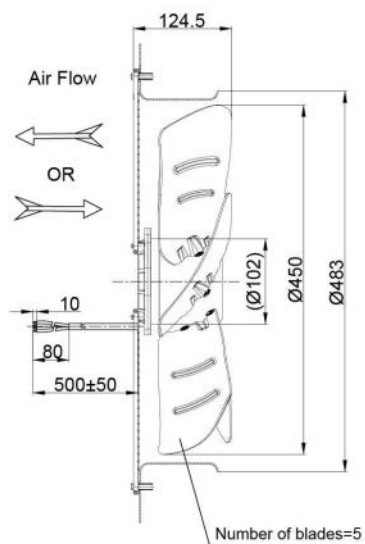
Model	Motor	Bearing System	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VDC	VDC	A	W	RPM	M³/H	Pa	dB(A)
PG3N400B24M	BE102DC	BALL	24	16~28	6.4	153.6	1100	3363	108	58
PG3N400B48M	BE102DC	BALL	48	36~57	3.2	153.6	1100	3363	108	58

DC Axial Fan $\varnothing 450 \times 124.5 \text{mm}$

Axial Fans



Motor Type	Speed Control	Protection Type	Insulation Class	Operating Temperature	Weight	Wiring Mode
DC BRUSHLESS EXTERNAL ROTOR MOTOR	0~10VDC/PWM	IP44	B	-25°C~+60°C	6.3KG	D3



Model	Motor	Bearing System	Rated Voltage	Operating Voltage	Rated Current	Rated Power	Rated Speed	Air Flow	Air Pressure	Sound Level
Part No.	Type	B/S	VDC	VDC	A	W	RPM	M³/H	Pa	dB(A)
PG3N450B24M	BE102DC	BALL	24	16~28	6.6	160	1050	4800	70	60
PG3N450B48M	BE102DC	BALL	48	36~57	3.3	160	1050	4800	70	60



PBM Motor and Fan (Suzhou) Co., Ltd

No.69 Weixin Road,Suzhou Industrial Park,Suzhou,City,Jiangsu Province,P.R.China

Tel: +86 512 6858 1674

Fax: +86 512 6858 1574

Sales Department: sales@pbmmf.com

After Sales Department: daniel@pbmmf.com