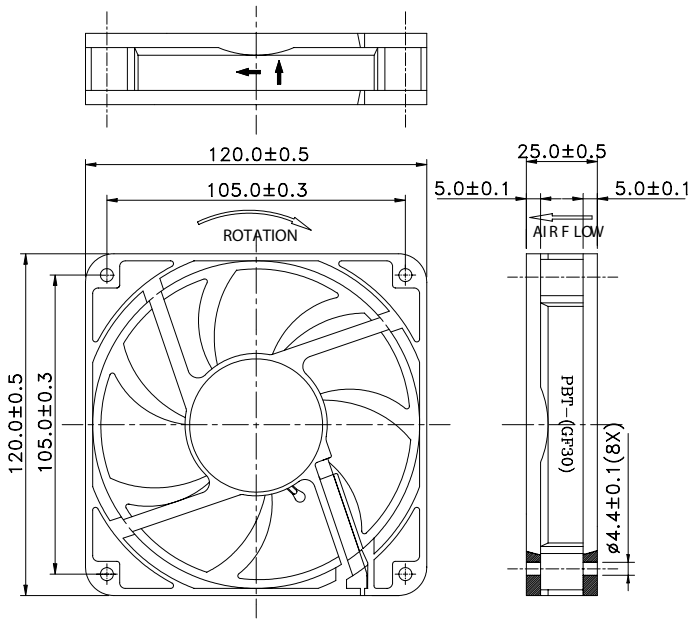
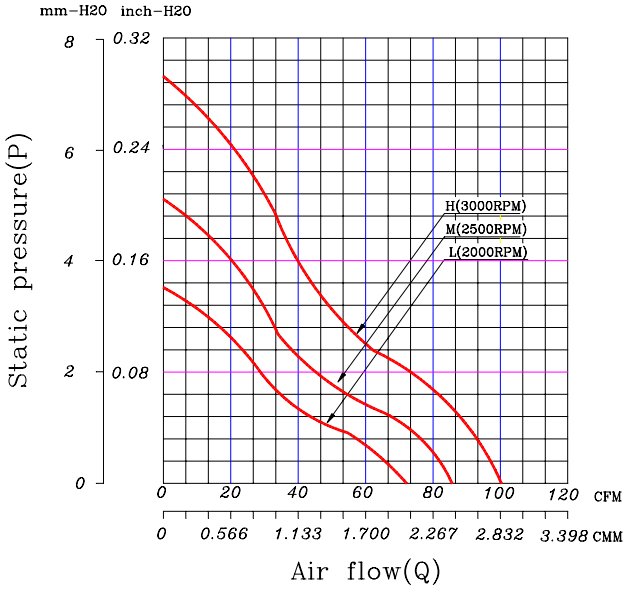
120 x 120 x 25 mm Series

Dimensions



Performance Curves



Air exhaust over struts. Rotational direction CCW looking at rotor

Brushless DC Motor	Available with:
Housing: PBT 94V0	• Speed Sensor
Impeller: PBT 94V0	• Auto Restart
Weight: 200 g	• Variable Speed
Impedance protected	• Alarm

Operating Temperature -10 • ~ 75 •

Storage Temperature -20 • ~ 80 •

Bearing type	MTBF	Condition
• CeraDyna	300000 Hours	Temp. 25• RH 65%
• 2-Ball Bearing	65000 Hours	
• 1-Ball-1-Sleeve	65000 Hours	
• Sleeve Bearing	50000 Hours	

Safety Approval: CE, UL, TUV

• With electronic protection against reverse polarity. The fan only operates when the polarity is correct.

Specifications

Model	Rated Voltage (VDC)	Rated Current (Amp)	Input Power (Watts)	Nominal Speed (RPM)	Airflow (CFM)	Static Pressure (inch-H2O)	Noise Level (dBA)
FD1212-A1011E	12	0.42	5.04	3000	106.37	0.29	51.00
FD1212-A2011E	12	0.27	3.24	2500	87.02	0.20	46.00
FD1212-A3011E	12	0.16	1.92	2000	70.14	0. 13	39. 00
FD2412-A1011E	24	0.23	5.52	3000	106.37	0.29	51.00
FD2412-A2011E	24	0.15	3.60	2500	87.02	0. 20	46. 00
FD2412-A3011E	24	0.12	2.88	2000	70.14	0.13	39.00
FD4812-A1011E	48	0.16	7.68	3000	106.37	0.29	51.00
FD4812-A2011E	48	0.13	6.24	2500	87.02	0.20	46.00
FD4812-A3011E	48	0.10	4.80	2000	70.14	0. 13	39. 00

• Specifications are subject to change without prior notice.

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