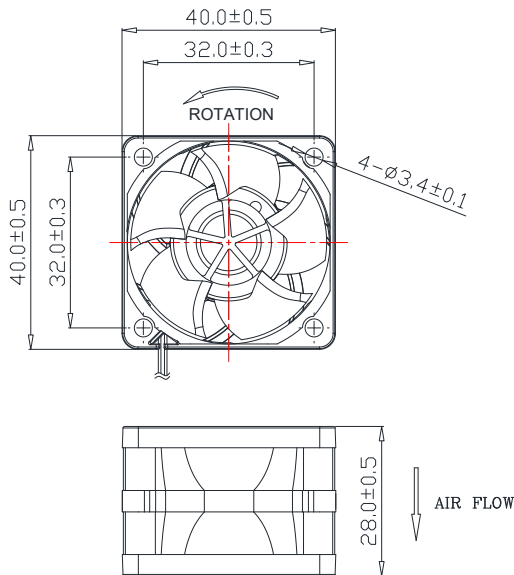
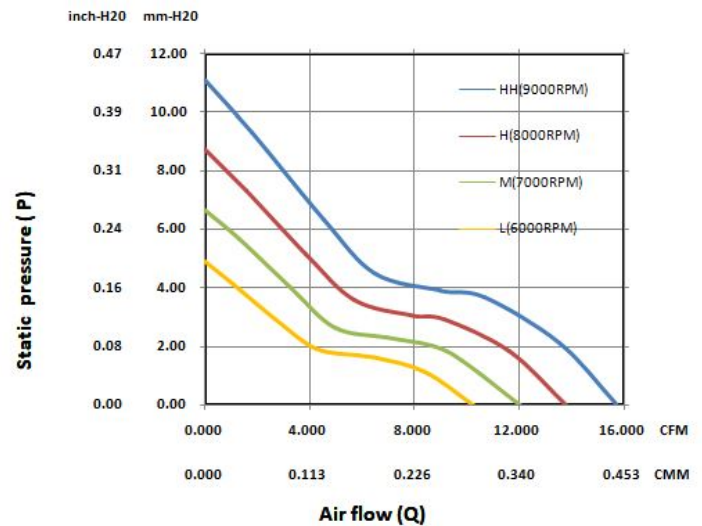


**40 x 40 x 28 mm Series**
**Rev. I**
**Dimensions**

**Performance Curve**


General Specification		Bearing Type	Function Options
Frame	PBT 94V-0	● CeraDyna A	● Auto Restart
Impeller	PBT 94V-0	○ CeraDyna C	● Frequency Generator
Lead Wire	UL1095 28AWG	● Ball Bearing	○ Rotation Detect
Storage Temperature	-20°C ~ 80°C	● Sleeve Bearing	○ Temperature Control
Operating Temperature	-10°C ~ 75°C	○ Fluid Dynamic Bearing	○ PWM Control
Mass	30 gram		

\*Air exhaust over struts. Rotational direction CCW looking at rotor

\*The motor is with electronic protection against reverse polarity. The motor only operates when the polarity is correct.

**Specifications**

Model No.	Rated Voltage (V)	Rated Current (A)	Input Power (W)	Nominal Speed (RPM)	Airflow (CFM)	Static Pressure (Inch-H2O)	SPL (dB A)
FD1240-X00XXM	12	0.31	3.72	9000	15.7	0.44	43.6
FD1240-X10XXM	12	0.24	2.88	8000	13.8	0.34	39.8
FD1240-X20XXM	12	0.19	2.28	7000	12.11	0.26	36.6
FD1240-X30XXM	12	0.14	1.68	6000	10.22	0.19	32.7
FD2440-X00XXM	24	0.24	5.76	9000	15.7	0.44	43.6
FD2440-X10XXM	24	0.16	3.84	8000	13.8	0.34	39.8
FD2440-X20XXM	24	0.12	2.88	7000	12.11	0.26	36.6
FD2440-X30XXM	24	0.1	2.4	6000	10.22	0.19	32.7

\*All readings are typical value at rated voltage.

\*Please refer to **PART NUMBER SYSTEM** for bearing type and part number "XX" designation.

\*Please specify revision number when ordering.