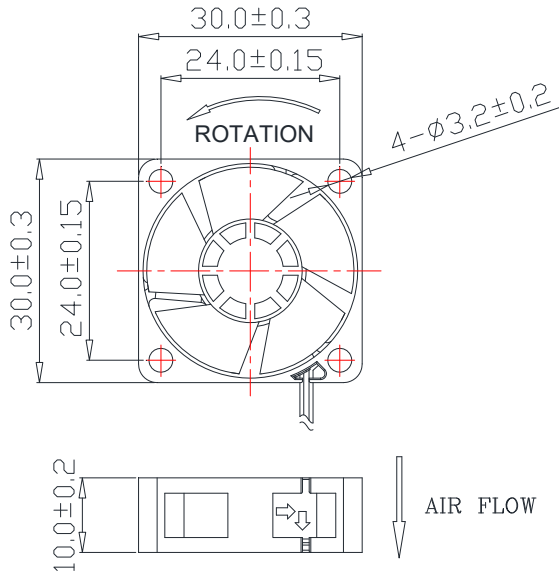


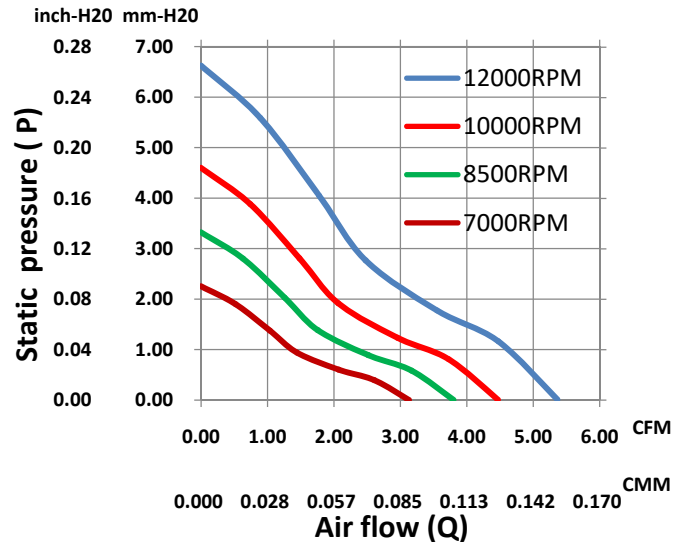
**30 x 30 x 10 mm Series**

**Rev. III**

**Dimensions**



**Performance Curve**



General Specification	
Frame	PBT 94V-0
Impeller	PBT 94V-0
Lead Wire	UL1571 28AWG
Storage Temperature	-40°C ~ 80°C
Operating Temperature	-15°C ~ 75°C
Mass	6 grams

Bearing Type	Function Options
<input type="radio"/> CeraDyna A	<input checked="" type="radio"/> Auto Restart
<input type="radio"/> CeraDyna C	<input checked="" type="radio"/> Frequency Generator
<input checked="" type="radio"/> Ball Bearing	<input type="radio"/> Rotation Detect
<input checked="" type="radio"/> Sleeve Bearing	<input type="radio"/> Temperature Control
<input type="radio"/> Fluid Dynamic Bearing	<input checked="" type="radio"/> PWM Control

\*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)
FD0530-X02XXA	5.0	0.30	1.50	12000	5.36	0.26	29.4
FD0530-X12XXA	5.0	0.18	0.90	10000	4.47	0.18	25.5
FD0530-X22XXA	5.0	0.10	0.50	8500	3.80	0.14	22.1
FD0530-X32XXA	5.0	0.06	0.30	7000	3.13	0.09	19.5
FD1230-X02XXA	12.0	0.14	1.68	12000	5.36	0.26	29.4
FD1230-X12XXA	12.0	0.08	0.96	10000	4.47	0.18	25.5
FD1230-X22XXA	12.0	0.05	0.60	8500	3.80	0.14	22.1
FD1230-X32XXA	12.0	0.03	0.36	7000	3.13	0.09	19.5

\*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.