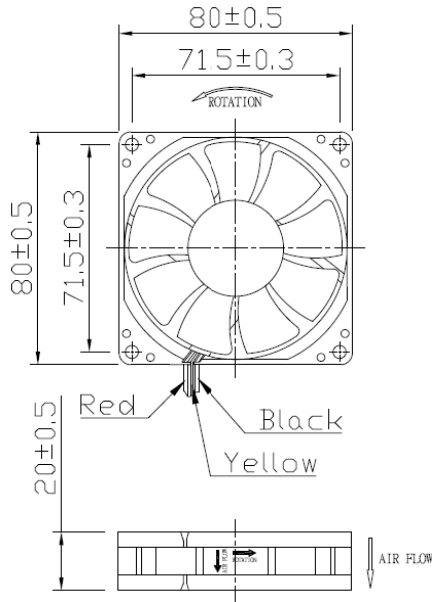


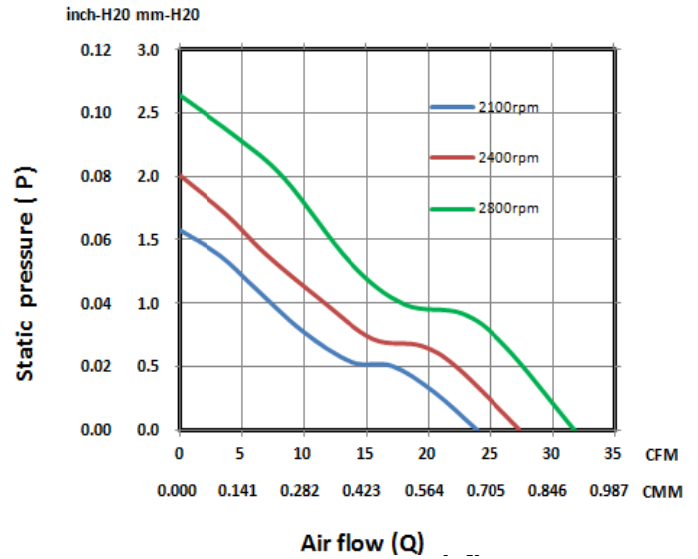
80 x 80 x 20 mm Series

Rev. I

Dimensions



Performance Curve



| General Specification | |
|-----------------------|--------------|
| Frame | PBT 94V-0 |
| Impeller | PBT 94V-0 |
| Lead Wire | UL1007 24AWG |
| Storage Temperature | -20°C ~ 80°C |
| Operating Temperature | -10°C ~ 75°C |
| Mass | 70 gram |

| Bearing Type | Function Options |
|---|--|
| <input checked="" 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 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) |
|---------------|-------------------|-------------------|-----------------|---------------------|---------------|----------------------------|------------|
| FD1280-X10XXD | 12 | 0.22 | 2.64 | 2800 | 31.76 | 0.10 | 31.5 |
| FD1280-X20XXD | 12 | 0.18 | 2.16 | 2400 | 27.21 | 0.08 | 26.4 |
| FD1280-X30XXD | 12 | 0.16 | 1.92 | 2100 | 23.94 | 0.06 | 23.4 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*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.