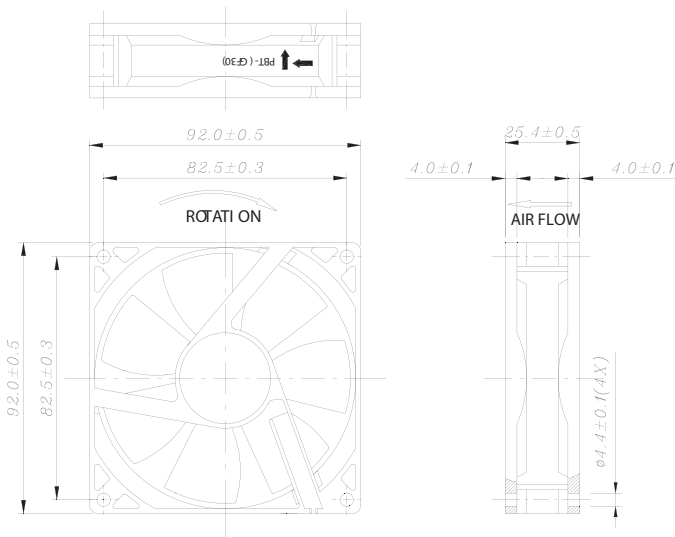
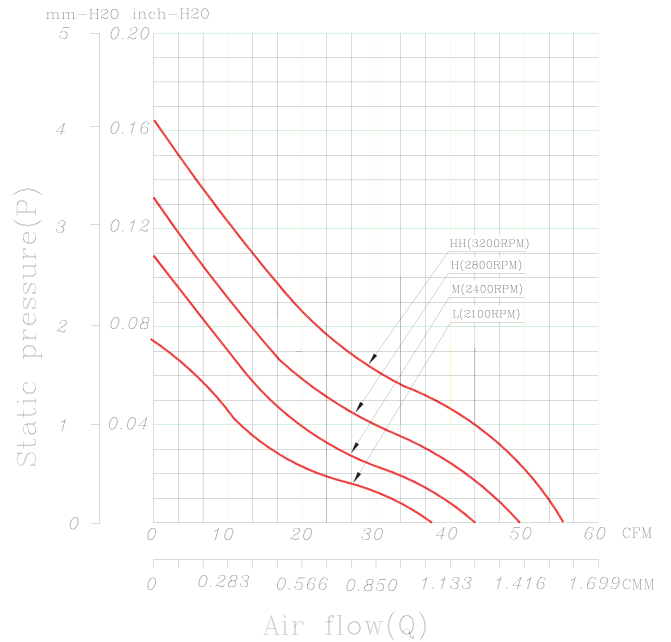


## 90 x 90 x 25 mm Series

### Dimensions



### Performance Curves



Air exhaust over struts. Rotational direction CCW looking at rotor

<b>Brushless DC Motor</b> Housing: PBT 94V0 Impeller: PBT 94V0 Weight: 90 g Impedance protected	<b>Available with:</b> <ul style="list-style-type: none"> <li>• Speed Sensor</li> <li>• Auto Restart</li> <li>• Variable Speed</li> <li>• Alarm</li> </ul>	<table border="1"> <thead> <tr> <th>Bearing type</th> <th>MTBF</th> <th>Condition</th> </tr> </thead> <tbody> <tr> <td>• CeraDyna</td> <td>300000 Hours</td> <td rowspan="4">Temp. 25• RH 65%</td> </tr> <tr> <td>• 2-Ball Bearing</td> <td>65000 Hours</td> </tr> <tr> <td>• 1-Ball-1-Sleeve</td> <td>65000 Hours</td> </tr> <tr> <td>• Sleeve Bearing</td> <td>50000 Hours</td> </tr> </tbody> </table>	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
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Operating Temperature -10 • ~ 75 •

Storage Temperature -20 • ~ 80 •

**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-H <sub>2</sub> O)	Noise Level (dBA)
FD1290-A0011E	12	0.29	3.48	3200	56.61	0.15	37.00
FD1290-A1011E	12	0.23	2.76	2800	49.97	0.13	34.50
FD1290-A2011E	12	0.18	2.16	2400	43.33	0.11	31.00
FD1290-A3011E	12	0.13	1.56	2100	37.47	0.07	28.00

- Specifications are subject to change without prior notice.