## OD1225 Series

**DC Fan - 48V**
**120x25mm (4.7” x 1.0”)**

### Frame & Impeller
- PBT, UL94V-O plastic

### Connection
- 2x Lead wires or Terminals

### Motor
- Brushless DC, auto restart, polarity protected

### Bearing System
- Dual Ball or Sleeve

### Insulation Resistance
- 10M ohm between leadwire and frame (500VDC)

### Dielectric Strength
- 1 second at 500 VAC, max leakage - 500 MicroAmp

### Storage Temperature
- -25C ~ +80C

### Available Options:
- Tachometer (FG)
- Alarm (RD)
- Life Expectancy (L10)
  - Ball Bearing: 60,000 hours (L10 at 40°C)
  - Sleeve Bearing: 30,000 hours (L10 at 40°C)
- Operating Temperature
  - Ball Bearing: -15°C ~ +65°C
  - Sleeve Bearing: -10°C ~ +50°C

### Model Numbers

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Speed (RPM)</th>
<th>Airflow (CFM)</th>
<th>Noise (dB)</th>
<th>Volts DC</th>
<th>Voltage Range</th>
<th>Amps</th>
<th>Max. Static Pressure (“H2O”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OD1225-48H *</td>
<td>3000</td>
<td>86</td>
<td>42</td>
<td>48</td>
<td>22–55</td>
<td>0.09</td>
<td>0.24</td>
</tr>
<tr>
<td>OD1225-48M *</td>
<td>2500</td>
<td>70</td>
<td>35</td>
<td>48</td>
<td>22–55</td>
<td>0.07</td>
<td>0.19</td>
</tr>
<tr>
<td>OD1225-48L *</td>
<td>1800</td>
<td>45</td>
<td>25</td>
<td>48</td>
<td>22–55</td>
<td>0.06</td>
<td>0.15</td>
</tr>
</tbody>
</table>

*Apply one of the following suffices to indicate preferred power connection and bearing type: “TB” (Terminal, Ball Bearing) or “B” (12” Wire Leads, Ball Bearing) or “TS” (Terminal, Sleeve Bearing) or “S” (12” Wire Leads, Sleeve Bearing).

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