**OA109AP Series**

**AC Fan, 115V, 230V**

120x38mm (4.75”x1.5”)

---

**Frame**
- Die Cast Aluminum

**Impeller**
- PBT, UL94 V-0 plastic

**Power Connection**
- 2x Lead wires, 22 AWG 300mm, or Terminals

**Motor**
- AC Shaded Pole, Impedance Protected

**Bearing System**
- Dual Ball or Sleeve

**Dielectric Strength**
- 1 minute at 1500VAC, < 1 mA

**Insulation Resistance**
- >100 MΩ between lead wire and frame (500VDC)

---

**Operating Temperature**
- -20°C ~ +75°C (Ball Bearing)
- -10°C ~ +45°C (Sleeve Bearing)

**Storage Temperature**
- -40°C ~ +100°C

**Life Expectancy**
- Ball Bearing: 70,000 hours (L10 at 40°C)
- Sleeve Bearing: 30,000 hours (L10 at 40°C)

**Weight**: 1.19 lbs

---

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Rated Voltage</th>
<th>Frequency</th>
<th>Input Power</th>
<th>Rated Speed (RPM)</th>
<th>Airflow (CFM)</th>
<th>Noise Level (dB)</th>
<th>Max. Static Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>OA109AP-11-1*</td>
<td>115 VAC</td>
<td>60 Hz</td>
<td>15 W</td>
<td>3000</td>
<td>104</td>
<td>42</td>
<td>0.29” H₂O</td>
</tr>
<tr>
<td>OA109AP-11-2*</td>
<td>115 VAC</td>
<td>60 Hz</td>
<td>11 W</td>
<td>2300</td>
<td>70</td>
<td>35</td>
<td>0.18” H₂O</td>
</tr>
<tr>
<td>OA109AP-11-3*</td>
<td>115 VAC</td>
<td>60 Hz</td>
<td>8 W</td>
<td>1600</td>
<td>52</td>
<td>25</td>
<td>0.13” H₂O</td>
</tr>
<tr>
<td>OA109AP-22-1*</td>
<td>230 VAC</td>
<td>60 Hz</td>
<td>15 W</td>
<td>3000</td>
<td>104</td>
<td>42</td>
<td>0.29” H₂O</td>
</tr>
<tr>
<td>OA109AP-22-2*</td>
<td>230 VAC</td>
<td>60 Hz</td>
<td>11 W</td>
<td>2300</td>
<td>70</td>
<td>35</td>
<td>0.18” H₂O</td>
</tr>
<tr>
<td>OA109AP-22-3*</td>
<td>230 VAC</td>
<td>60 Hz</td>
<td>8 W</td>
<td>1600</td>
<td>52</td>
<td>25</td>
<td>0.13” H₂O</td>
</tr>
</tbody>
</table>

* Indicate “TB” (Terminal Ball Bearing), “WB” (Wire Leads, Ball Bearing), “TS” (Terminal, Sleeve Bearing), “WS” (Wire Leads, Sleeve Bearing)

---

Orion Fans
Information and data is subject to change without prior notification

---

Knight Electronics, Inc.
10557 Metric Drive
Dallas, TX 75243
214-340-0265