**General Specifications**

**Motor Protection:** Automatic Restoration/Reverse Connection Prevention

**Insulation Resistance:** 10M Ω or over with a DC500V Megger

**Dielectric Withstand Voltage:** AC 700V 1s

**Allowable Ambient Temperature Range:**
- B80 Class: -10°C ~ +50°C (Operating)
- B60, B70 Class: -10°C ~ +60°C (Operating)
- B10~B50 Class: -10°C ~ +70°C (Operating)
- All Class: -40°C ~ +70°C (Storage) (non-condensing environment)

**Expected Life**

**Failure Rate:** 10% 25°C 60,000 Hours (F00)

**Characteristic Curves**

**Panel Cut-outs**

**Material**
- Casing: Plastic (Black) 94V-0
- Impeller: Plastic (Black) 94V-0
- Bearing: Ball Bearing
- Lead Wire: UL1007, AWG24, +Red, -Black

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**Specifications**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Rated Voltage</th>
<th>Operating Voltage</th>
<th>Current (A)</th>
<th>Input Power (W)</th>
<th>Speed (min⁻¹)</th>
<th>Max. Air Flow (CFM)</th>
<th>Max. Static Pressure (in H₂O)</th>
<th>Noise (dB)</th>
<th>Mass (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3110RL-04W-B10-X00</td>
<td>12</td>
<td>6.0 ~ 13.8</td>
<td>0.07</td>
<td>0.84</td>
<td>1900</td>
<td>24.01</td>
<td>0.68</td>
<td>.05</td>
<td>14.2</td>
</tr>
<tr>
<td>3110RL-04W-B20-X00</td>
<td>12</td>
<td>6.0 ~ 13.8</td>
<td>0.10</td>
<td>1.20</td>
<td>2150</td>
<td>27.54</td>
<td>0.78</td>
<td>.07</td>
<td>19.5</td>
</tr>
<tr>
<td>3110RL-05W-B10-X00</td>
<td>24</td>
<td>10.0 ~ 27.6</td>
<td>0.06</td>
<td>1.44</td>
<td>2150</td>
<td>27.54</td>
<td>0.78</td>
<td>.07</td>
<td>19.5</td>
</tr>
</tbody>
</table>

*Rotation: Clockwise  Airflow Outlet: Air Out Over Struts  *1: Average Values in Free Air

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**3110RL (80 x 25)**

**No Longer Available. Recommend 3110KL**

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**Outline**

Units: inch (mm)