**THA 40 x 40 x 20 MM SERIES**

**DIMENSIONS DRAWING**

- **Bearing Type**
  - Ball Bearings
- **Material**
  - Impeller & Frame: Plastic (UL 94V-0)
- **Lead Wires**:
  - UL 1061 AWG #28 OR Equivalent
  - Red Wire Positive (+)
  - Black Wire Negative (-)
  - Blue Wire (F00)
  - Yellow Wire Speed Control (PWM)
- **Weight**: 25g (0.88 oz)

**P & Q CURVE (AT RATED VOLTAGE)**

**MOUNTING PANEL CUTOUT**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Rated Voltage</th>
<th>Operating Voltage Range</th>
<th>Input Current</th>
<th>Input Power</th>
<th>Speed</th>
<th>Maximum Air Flow</th>
<th>Maximum Air Pressure</th>
<th>Noise</th>
</tr>
</thead>
<tbody>
<tr>
<td>THA0412AD</td>
<td>PWM/-F00</td>
<td>12</td>
<td>7.0 to 15.0</td>
<td>0.43</td>
<td>5.16</td>
<td>15600</td>
<td>35.16</td>
<td>1.385</td>
</tr>
</tbody>
</table>

* Function type is optional.
* The max. air flow and the speed are measured in free air; max. air pressure is measured at zero air flow.
* Noise is measured in anechoic chamber in free air, one meter from intake side.
* All readings are typical values at rated voltage.
* Specifications are subject to change without notice.