**Highlights:**

- Backward curved
- 7-blade impeller, single phase motor
- Thermal overload protector (TOP) wired internally
- Mounting position: Any
- Condensate discharge holes: None
- Ingress protection of IP44; dependent on installation and position

**Material:**
Fiberglass reinforced composite

**Impeller:** PA

**Direction of rotation:** Clockwise, seen on rotor

### Nominal Data

<table>
<thead>
<tr>
<th>Type</th>
<th>CFM</th>
<th>VAC</th>
<th>Hz</th>
<th>Ball bearings</th>
<th>Power input</th>
<th>RPM</th>
<th>°C</th>
<th>Mass</th>
<th>Ingress Protection Rating</th>
<th>Capacitor</th>
<th>UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>R2E225-RA40-21</td>
<td>788.7</td>
<td>115</td>
<td>50/60</td>
<td>Yes</td>
<td>225</td>
<td>2,700</td>
<td>-25...40</td>
<td>2,300</td>
<td>IP44</td>
<td>14</td>
<td>Yes</td>
</tr>
<tr>
<td>R2E225-RA92-20</td>
<td>765.2</td>
<td>230</td>
<td>50/60</td>
<td>Yes</td>
<td>225</td>
<td>2,600</td>
<td>-25...45</td>
<td>2,300</td>
<td>IP44</td>
<td>3.5</td>
<td>Yes</td>
</tr>
</tbody>
</table>

(1) Nominal data at operating point with maximum load.

### R2E225-RA40-21 Curves

Measurement: LU-128357

Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact.

Suction-side noise levels: $L_{WA}$ as per ISO 13347, $L_{WA}$ measured at 1m distance to fan axis.

The values given are valid under the measuring conditions mentioned and may vary according to the actual installation situation.

With any deviation to the standard set-up, the specific values have to be checked and reviewed once installed or fitted.

For detailed information on the measuring set-up, please contact ebm-papst.
Accessory part:
Inlet nozzle 96358-2-4013, not included in the standard scope of delivery.

**Connection line PVC AWG20, 4x brass lead tips crimped**

<table>
<thead>
<tr>
<th>n (rpm)</th>
<th>Pe (W)</th>
<th>I (A) (230V)</th>
<th>LwA dB(A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2900</td>
<td>190</td>
<td>0.83</td>
<td>76</td>
</tr>
<tr>
<td>2700</td>
<td>210</td>
<td>0.92</td>
<td>72</td>
</tr>
<tr>
<td>2700</td>
<td>207</td>
<td>0.90</td>
<td>68</td>
</tr>
<tr>
<td>2815</td>
<td>196</td>
<td>0.85</td>
<td>73</td>
</tr>
</tbody>
</table>

**Measurement: LU-127148**

Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact.

Suction-side noise levels: LwA as per ISO 13347, Lwa measured at 1m distance to fan axis.

The values given are valid under the measuring conditions mentioned and may vary according to the actual installation situation.

With any deviation to the standard set-up, the specific values have to be checked and reviewed once installed or fitted.

For detailed information on the measuring set-up, please contact ebm-papst.