**Highlights:**
- Backward curved
- 7-blade impeller, single phase motor
- Output 10 VDC, max. 1.1 mA, Tach output, Control input 0-10 VDC / PWM
- Motor current limit, Soft start, Locked-rotor protection
- Over temperature protected electronics / motor
- Mounting position: Shaft horizontal or rotor on bottom; rotor on top on request
- Condensate discharge holes: None, open rotor
- Ingress protection of IP54

**Material:**
Fiberglass reinforced composite
Impeller: PA6

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

---

### Nominal Data

<table>
<thead>
<tr>
<th>Type</th>
<th>CFM</th>
<th>VAC</th>
<th>VAC</th>
<th>Frequency</th>
<th>Ball bearings</th>
<th>Power input</th>
<th>Speed (rpm)</th>
<th>Temperature range (°C)</th>
<th>Mass (g)</th>
<th>Ingress Protection Rating</th>
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<tbody>
<tr>
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<td>553.3</td>
<td>115</td>
<td>100...130</td>
<td>50/60</td>
<td>Yes</td>
<td>170</td>
<td>4,180</td>
<td>-25...50</td>
<td>1,400</td>
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</table>

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

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### R3G190-RD47-04 Curves

Measurement: LU-132500
Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact.
Suction-side noise levels: Lₚₐ as per ISO 13347, Lₚₐ 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.
Measurement: LU-142350

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

Suction-side noise levels: LwA as per ISO 13347, LpA 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.

<table>
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<th>Pe W</th>
<th>I A (230V)</th>
<th>LwA dB(A)</th>
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