

# RER100DC Series Motorized Impeller

Ø 100 x 32mm



- DC radial blower with electronically commutated external rotor motor. Fully integrated commutation electronics.
- With electronic protection against reverse polarity, blocking and over-loading.
- Blower wheel of fiberglass reinforced plastic.
- Air exhaust radial. Rotational direction CCW looking at rotor.
- Electrical connection via 2 leads AWG 22, TR 64. Stripped and tinned ends.
- UL, CSA, VDE approvals on most models, please contact application engineering.

| Part Number  | CFM @ 0 | VDC | Volt. Range | Power (W) | dBA | Max. Amb. Temp C | Bearing Type | Impeller Material | Speed (RPM) | Wgt. (lbs) |
|--------------|---------|-----|-------------|-----------|-----|------------------|--------------|-------------------|-------------|------------|
| RER100-25/12 | 33.6    | 12  | 6 to 13.2   | 4         | 47  | 60               | Ball         | Leads             | 1800        | 0.40       |
| RER100-25/14 | 33.6    | 24  | 12 to 28    | 4         | 47  | 60               | Ball         | Leads             | 1800        | 0.40       |

The air flow and noise level of fans without external housing depends on the installation conditions. The stated air flow and noise has been measured under the following conditions:

Centrifugal fan mounted on a base plate 220 x 220 mm.  
Cover plate 220 x 200 mm with an air-inlet of ø 86 mm, concentric to the blower wheel.  
Distance between blower and cover plate 1 mm.

