

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 some models, please contact application engineering.

| Part Number | Curve | CFM @ 0 | VDC | Volt. Range | Power (W) | dBA | Max. Amb. Temp C | Bearing Type | Impeller Material | Speed (RPM) | Wgt. (lbs) |
|--------------|-------|---------|-----|-------------|-----------|-----|------------------|--------------|-------------------|-------------|------------|
| RER100-25/12 | 3 | 34 | 12 | 6 to 13 | 4 | 47 | 60 | Ball | Leads | 1800 | 0.40 |
| RER100-25/14 | 3 | 34 | 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.

