

RER 160-28/12 N

DC centrifugal compact fan

single-intake



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Nominal data

| Type | RER 160-28/12 N | |
|--------------------------|-------------------|---------|
| Nominal voltage | VDC | 12 |
| Nominal voltage range | VDC | 7 .. 14 |
| Speed (rpm) | min ⁻¹ | 3000 |
| Power consumption | W | 19.0 |
| Min. ambient temperature | °C | -20 |
| Max. ambient temperature | °C | 70 |
| Air flow | m ³ /h | 225 |
| Sound power level | B | 6.4 |

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

| | |
|--|--|
| General description | Backward-curved impeller |
| Impeller material | Glass-fiber reinforced plastic |
| Weight | 0.590 kg |
| Dimensions | Ø 165 x 51 mm |
| Airflow direction | Axial intake, radial discharge |
| Direction of rotation | Counterclockwise, viewed toward rotor |
| Storage | Ball bearing |
| Service life L10 at 40 °C | 75000 h |
| Service life L10 at maximum temperature | 37500 h |
| Cable | With leads AWG 22, TR 64 |
| Motor protection | Protection against reverse polarity and blocked rotor. |
| Approval | VDE, CSA, UL, CE |
| Option | Speed signal |



Product drawing



Curves: Air performance

