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## Nominal data

| Type                     | RER 160-28/14 N   |          |
|--------------------------|-------------------|----------|
| Nominal voltage          | VDC               | 24       |
| Nominal voltage range    | VDC               | 12 .. 28 |
| Speed (rpm)              | min <sup>-1</sup> | 3000     |
| Power consumption        | W                 | 19.0     |
| Min. ambient temperature | °C                | -20      |
| Max. ambient temperature | °C                | 70       |
| Air flow                 | m <sup>3</sup> /h | 255      |
| 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                                       |



Product drawing



## Curves: Air performance

