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**Nominal data**

| Type                     | RER 190-39/18/2TDO |          |
|--------------------------|--------------------|----------|
| Nominal voltage          | VDC                | 48       |
| Nominal voltage range    | VDC                | 36 .. 72 |
| Speed (rpm)              | min <sup>-1</sup>  | 4400     |
| Power consumption        | W                  | 148      |
| Min. ambient temperature | °C                 | -20      |
| Max. ambient temperature | °C                 | 65       |
| Air flow                 | m <sup>3</sup> /h  | 970      |
| Sound power level        | B                  | 8.3      |

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



## Technical description

|                                            |                                                                                                         |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------|
| General description                        | 3-phase fan drive with<br>very smooth operation and high efficiency<br>Backward-curved RadiCal impeller |
| Impeller material                          | Glass-fiber reinforced plastic                                                                          |
| Weight                                     | 0.87 kg                                                                                                 |
| Dimensions                                 | Ø 190 x 69 mm                                                                                           |
| Airflow direction                          | Axial: intake, radial: discharge                                                                        |
| Direction of rotation                      | Clockwise, viewed toward rotor                                                                          |
| Storage                                    | Ball bearing                                                                                            |
| Service life L10 at 40 °C                  | 40000 h                                                                                                 |
| Service life L10 at maximum<br>temperature | 22500 h                                                                                                 |
| Cable                                      | With leads AWG 18, 20 or<br>AWG 22, TR 64, speed signal and<br>control input AWG 22                     |



## Curves

