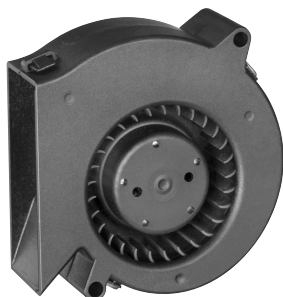


# DC centrifugal compact fan

single inlet

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## Nominal data

| Type                     | RL 48-19/12       |           |
|--------------------------|-------------------|-----------|
| Nominal voltage          | VDC               | 12        |
| Nominal voltage range    | VDC               | 8 .. 13.5 |
| Speed                    | min <sup>-1</sup> | 4400      |
| Power input              | W                 | 4.6       |
| Min. ambient temperature | °C                | -20       |
| Max. ambient temperature | °C                | 70        |
| Air flow                 | m <sup>3</sup> /h | 28        |
| Sound power level        | B                 | 5.7       |

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit  
Subject to alterations



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## Technical features

|                                            |                                                              |
|--------------------------------------------|--------------------------------------------------------------|
| <b>Mass</b>                                | 0.075 kg                                                     |
| <b>Dimensions</b>                          | 76 x 76 x 27 mm                                              |
| <b>Material of impeller</b>                | Fiberglass-reinforced plastic                                |
| <b>Housing material</b>                    | Scroll housing of fiberglass-reinforced plastic.             |
| <b>Direction of air flow</b>               | Axial air intake, centrifugal air exhaust out of the outlet. |
| <b>Bearing</b>                             | Ball bearings                                                |
| <b>Lifetime L10 at 40 °C</b>               | 60000 h                                                      |
| <b>Lifetime L10 at maximum temperature</b> | 30000 h                                                      |
| <b>Connection line</b>                     | Single strands AWG 26, TR 64, bared and tin-plated.          |
| <b>Motor protection</b>                    | Protected against reverse polarity and locking.              |
| <b>Locked-rotor protection</b>             | Electronic blocking protection                               |
| <b>Approval</b>                            | VDE, CSA, UL, CE                                             |





## Charts: Air flow

