

Nominal data

|                          |                   |         |
|--------------------------|-------------------|---------|
| Type                     | 3412 NG           |         |
| Nominal voltage          | VDC               | 12      |
| Nominal voltage range    | VDC               | 8 .. 15 |
| Speed                    | min <sup>-1</sup> | 2700    |
| Power input              | W                 | 1.9     |
| Min. ambient temperature | °C                | -20     |
| Max. ambient temperature | °C                | 70      |
| Air flow                 | m <sup>3</sup> /h | 84      |
| Sound power level        | B                 | 4.7     |
| Sound pressure level     | dB(A)             | 32      |

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

3412 NG

## DC axial compact fan

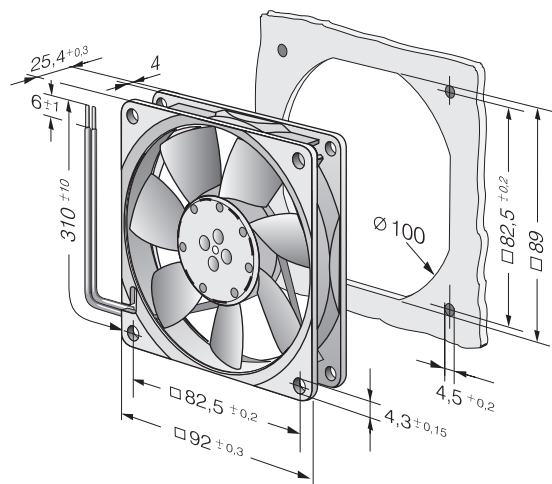
### Technical features

|                                     |                                                     |
|-------------------------------------|-----------------------------------------------------|
| Housing material                    | Fibreglass-reinforced plastic (PBT)                 |
| Impeller material                   | Fibreglass-reinforced plastic (PA)                  |
| Mass                                | 0.100 kg                                            |
| Dimensions                          | 92 x 92 x 25 mm                                     |
| Direction of air flow               | Air exhaust over bars                               |
| Direction of rotation               | Left, looking at rotor                              |
| Bearing                             | Sintec sleeve bearing                               |
| Lifetime L10 at 40 °C               | 70000 h                                             |
| Lifetime L10 at maximum temperature | 35000 h                                             |
| Connection line                     | Single strands AWG 24, TR 64, bared and tin-plated. |
| Motor protection                    | Protected against reverse polarity and locking.     |
| Approval                            | VDE, CSA, UL                                        |
| Option                              | Speed signal                                        |

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### Product drawing



## Charts: Air flow

