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**Nominal data**

| Type                     | RG 90-18/14 N     |          |
|--------------------------|-------------------|----------|
| Nominal voltage          | VDC               | 24       |
| Nominal voltage range    | VDC               | 12 .. 28 |
| Speed (rpm)              | min <sup>-1</sup> | 2200     |
| Power consumption        | W                 | 6.2      |
| Min. ambient temperature | °C                | -30      |
| Max. ambient temperature | °C                | 75       |
| Air flow                 | m <sup>3</sup> /h | 55       |
| Sound power level        | B                 | 5.5      |

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



# DC centrifugal compact fan

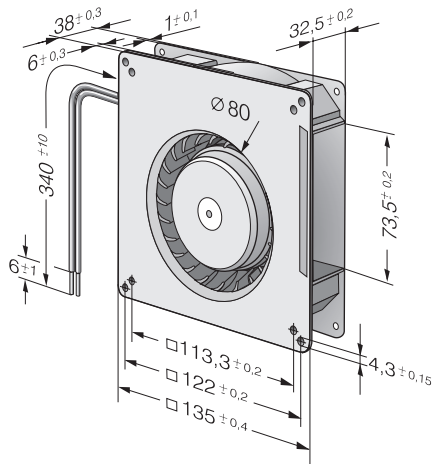
single-intake

## Technical description

|                                                |                                                                                          |
|------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>General description</b>                     | Forward-curved impeller                                                                  |
| <b>Weight</b>                                  | 0.440 kg                                                                                 |
| <b>Dimensions</b>                              | 135 x 135 x 38 mm                                                                        |
| <b>Impeller material</b>                       | Glass-fiber reinforced plastic                                                           |
| <b>Housing material</b>                        | Scroll housing made of glass-fiber reinforced plastic, housing base made of sheet steel. |
| <b>Airflow direction</b>                       | Axial intake, radial discharge from outlet.                                              |
| <b>Storage</b>                                 | Ball bearing                                                                             |
| <b>Service life L10 at 40 °C</b>               | 62500 h                                                                                  |
| <b>Service life L10 at maximum temperature</b> | 27500 h                                                                                  |
| <b>Cable</b>                                   | With leads AWG 22, TR 64                                                                 |
| <b>Motor protection</b>                        | Protection against reverse polarity and blocked rotor.                                   |
| <b>Locked-rotor protection</b>                 | Locked-rotor and overload protection.                                                    |
| <b>Approval</b>                                | VDE, CSA, UL, CE                                                                         |
| <b>Option</b>                                  | Speed signal                                                                             |



## Product drawing



## Curves: Air performance

