

**ebm-papst St. Georgen GmbH & Co. KG**

Hermann-Papst-Str. 1

D-78112 St. Georgen

Phone +49 (0) 7724 81-0

Fax +49 (0) 7724 81-1309

info2@de.ebmpapst.com

www.ebmpapst.com

**Nominal data**

| Type                     | RL 90-18/56       |      |
|--------------------------|-------------------|------|
| Phase                    |                   | 1~   |
| Nominal voltage          | VAC               | 230  |
| Frequency                | Hz                | 50   |
| Speed (rpm)              | min <sup>-1</sup> | 2450 |
| Power consumption        | W                 | 20.0 |
| Min. ambient temperature | °C                | -30  |
| Max. ambient temperature | °C                | 70   |
| Air flow                 | m <sup>3</sup> /h | 40   |
| Sound power level        | B                 | 5.6  |

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



# AC centrifugal compact fan

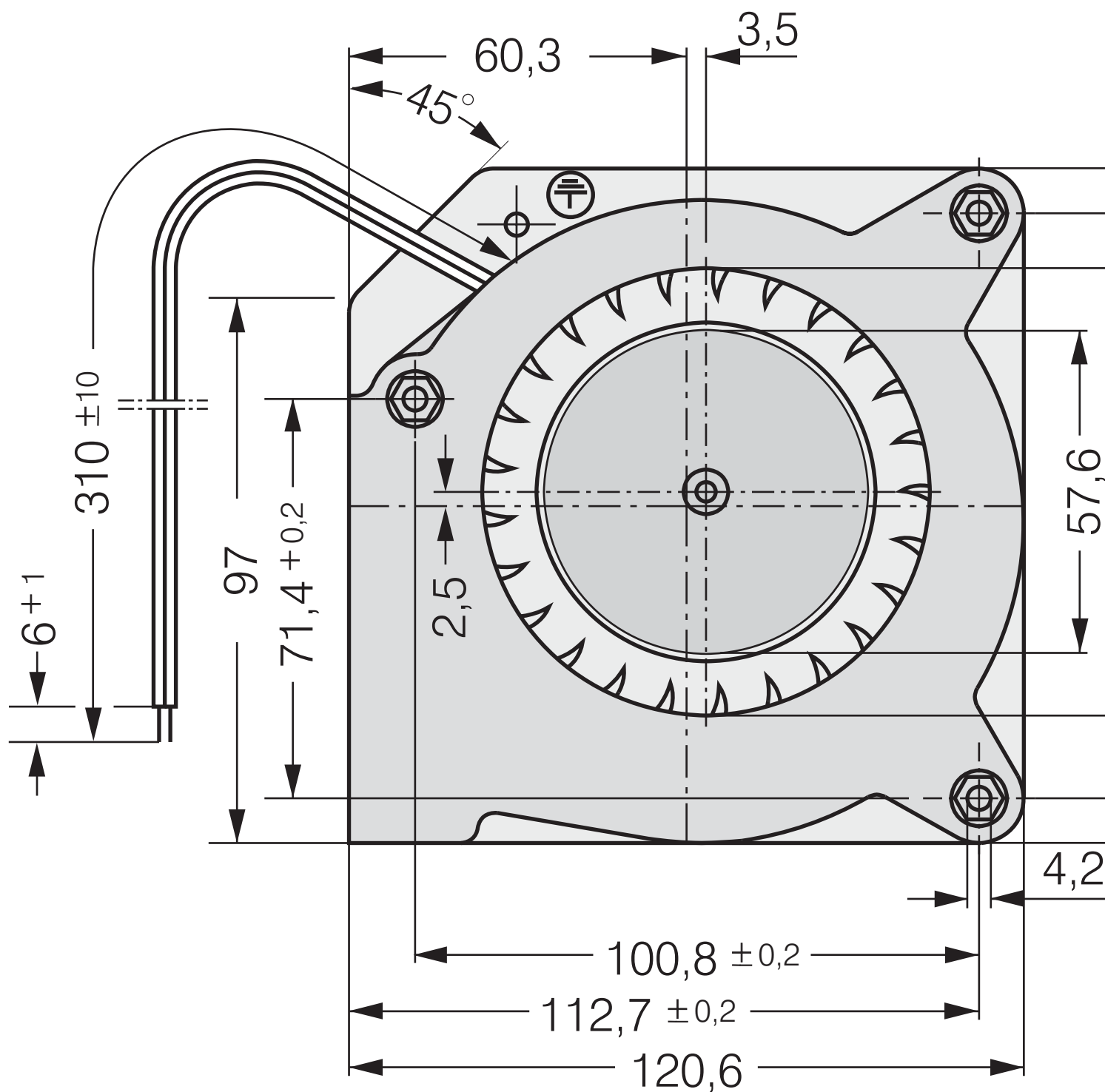
single-intake

## Technical description

|                                         |                                                                                             |
|-----------------------------------------|---------------------------------------------------------------------------------------------|
| General description                     | Forward-curved impeller                                                                     |
| Housing material                        | Scroll housing made of glass-fiber reinforced PBT plastic, housing base made of sheet steel |
| Weight                                  | 0.680 kg                                                                                    |
| Dimensions                              | 121 x 121 x 37 mm                                                                           |
| Impeller material                       | Glass-fiber reinforced PA plastic                                                           |
| Airflow direction                       | Radial: discharge through window in housing                                                 |
| Direction of rotation                   | Clockwise, viewed toward rotor                                                              |
| Storage                                 | Ball bearing                                                                                |
| Service life L10 at 40 °C               | 37500 h                                                                                     |
| Service life L10 at maximum temperature | 20000 h                                                                                     |
| Cable                                   | To 2 leads AWG 22.<br>Housing base with flat plug 6.3 x 0.8 mm for protective earth         |
| Motor protection                        | Protected from overload by impedance protection                                             |
| Approval                                | VDE, CSA, UL, CE                                                                            |



## Product drawing



\*Federmutter M4 oder 8-32UNC. Eins

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single-intake

## Curves: Air performance

