

**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 65-21/12       |             |
|--------------------------|-------------------|-------------|
| Nominal voltage          | VDC               | 12          |
| Nominal voltage range    | VDC               | 6.8 .. 13.8 |
| Speed (rpm)              | min <sup>-1</sup> | 4500        |
| Power consumption        | W                 | 15          |
| Min. ambient temperature | °C                | -20         |
| Max. ambient temperature | °C                | 70          |
| Air flow                 | m <sup>3</sup> /h | 56          |
| Sound power level        | B                 | 6.6         |

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



# DC centrifugal compact fan

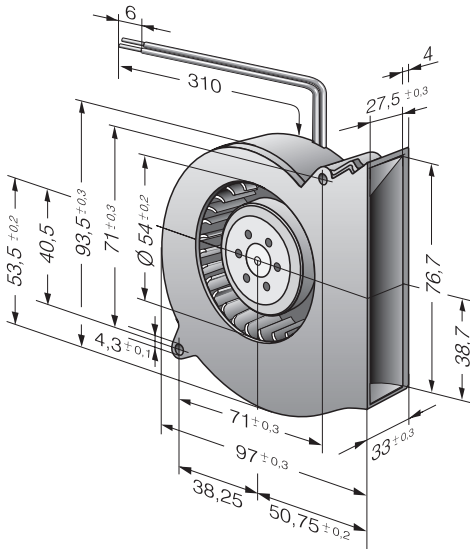
single-intake

## Technical description

|                                                |                                                        |
|------------------------------------------------|--------------------------------------------------------|
| <b>General description</b>                     | Forward-curved impeller                                |
| <b>Weight</b>                                  | 0.170 kg                                               |
| <b>Dimensions</b>                              | 97 x 93.5 x 33 mm                                      |
| <b>Impeller material</b>                       | Glass-fiber reinforced plastic                         |
| <b>Housing material</b>                        | Scroll housing made of glass-fiber reinforced plastic. |
| <b>Airflow direction</b>                       | Axial intake, radial discharge from outlet.            |
| <b>Storage</b>                                 | Ball bearing                                           |
| <b>Service life L10 at 40 °C</b>               | 60000 h                                                |
| <b>Service life L10 at maximum temperature</b> | 30000 h                                                |
| <b>Cable</b>                                   | With leads AWG 26, TR 64                               |
| <b>Motor protection</b>                        | Protection against reverse polarity and blocked rotor. |
| <b>Locked-rotor protection</b>                 | Electronic locked-rotor protection                     |
| <b>Approval</b>                                | CE                                                     |
| <b>Option</b>                                  | Speed signal                                           |



## Product drawing



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single-intake

## Curves: Air performance

