

**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                     | 4580 Z            |      |
|--------------------------|-------------------|------|
| Phase                    |                   | 1~   |
| Nominal voltage          | VAC               | 230  |
| Frequency                | Hz                | 50   |
| Speed                    | min <sup>-1</sup> | 1900 |
| Power input              | W                 | 13.0 |
| Min. ambient temperature | °C                | -10  |
| Max. ambient temperature | °C                | 65   |
| Air flow                 | m <sup>3</sup> /h | 115  |
| Sound power level        | B                 | 4.3  |
| Sound pressure level     | dB(A)             | 30   |

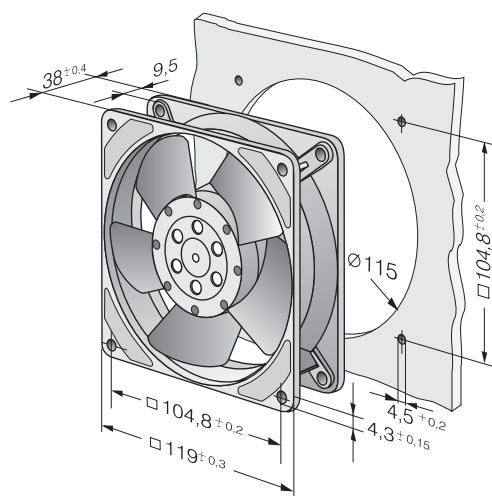
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit  
Subject to alterations



## Technical features

|                                     |                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------|
| Mass                                | 0.540 kg                                                                         |
| Dimensions                          | 119 x 119 x 38 mm                                                                |
| Material of impeller                | Sheet steel, coated in black                                                     |
| Housing material                    | Die-cast aluminium                                                               |
| Direction of air flow               | Exhaust over struts                                                              |
| Direction of rotation               | Right, looking at rotor                                                          |
| Bearing                             | Sintec sleeve bearing                                                            |
| Lifetime L10 at 40 °C               | 50000 h                                                                          |
| Lifetime L10 at maximum temperature | 27500 h                                                                          |
| Connection line                     | 2 flat connectors 2.8 x 0.5 mm. Housing with grounding lug for M4 x 8.           |
| Motor protection                    | Protected from overload using impedance protection                               |
| Approval                            | VDE, CSA, UL, CE                                                                 |
| Option                              | Available with electrical terminals on single strands that are 310 mm in length. |

## Product drawing



## Charts: Air flow

