

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

Hermann-Papst-Straße 1

78112 St. Georgen

Phone: +49 7724 81-0

Fax: +49 7724 81-1309

www.ebmpapst.com

info2@de.ebmpapst.com

**Nominal data**

| Type                     | 3656                 |      |
|--------------------------|----------------------|------|
| Nominal voltage          | [VAC]                | 230  |
| Frequency                | [Hz]                 | 50   |
| Speed                    | [min <sup>-1</sup> ] | 2700 |
| Power input              | [W]                  | 12.0 |
| Min. ambient temperature | [°C]                 | -40  |
| Max. ambient temperature | [°C]                 | 75   |
| Air flow                 | [m <sup>3</sup> /h]  | 75   |
| Sound power level        | [B]                  | 4.9  |
| Sound pressure level     | [dB(A)]              | 37   |

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit  
Subject to alterations

**Technical features**

|  |  |
|--|--|
| <b>Dimensions</b>                          | 92 x 92 x 38 mm                                    |
| <b>General description</b>                 | AC fan with internal rotor shaded-pole motor.      |
| <b>Connection line</b>                     | 2 single strands AWG 18                            |
| <b>Direction of protection</b>             | Right, looking at rotor                            |
| <b>Direction of air flow</b>               | Air exhaust over bars                              |
| <b>Bearing</b>                             | Ball bearings                                      |
| <b>Lifetime L10 at 40 °C</b>               | 52500 h  |
| <b>Lifetime L10 at maximum temperature</b> | 22500 h  |
| <b>Mass</b>                                | 0.420 kg   |
| <b>Housing material</b>                    | Metal  |
| <b>Material of impeller</b>                | Metal  |
| <b>Motor protection</b>                    | Protected from overload using impedance protection |
| <b>Approval</b>                            | VDE, CSA, UL, CE                                   |

## Product drawing



## Charts: Air flow

