

**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                     | 8800 TA           |      |
|--------------------------|-------------------|------|
| Phase                    |                   | 1~   |
| Nominal voltage          | VAC               | 115  |
| Frequency                | Hz                | 60   |
| Speed (rpm)              | min <sup>-1</sup> | 2450 |
| Power consumption        | W                 | 11.0 |
| Min. ambient temperature | °C                | -10  |
| Max. ambient temperature | °C                | 70   |
| Air flow                 | m <sup>3</sup> /h | 34   |
| Sound pressure level     | dB(A)             | 23   |

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



**Technical description**

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Weight</b>                                  | 0.370 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Dimensions</b>                              | Ø 76 x 37 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Impeller material</b>                       | Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Airflow direction</b>                       | Intake over mounting bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Direction of rotation</b>                   | Clockwise, viewed toward rotor                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>                                 | Sintec sleeve bearing system                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Service life L10 at 40 °C</b>               | 55000 h                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Service life L10 at maximum temperature</b> | 27500 h                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cable</b>                                   | 2 leads AWG 28, TR 64                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Motor protection</b>                        | Protected from overload by impedance protection                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Approval</b>                                | VDE, CSA, UL, CE                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Option</b>                                  | Air flow rates and noise levels of fans without external housings depend on conditions of installation. The stated air flow was determined with an aperture of Ø 76.5 mm and at a distance of approximately 17 mm from the mounting bracket. Under especially favorable conditions of installation, the air flow of fan series 8000 A is achievable. The noise level in the optimal operating range can only be measured for these fans in a specific application. |

Technical drawing of a mechanical part, showing two views: a side view and a top view.

**Side View Dimensions:**

- Overall height:  $325 \pm 10$  mm
- Top flange thickness:  $6 \pm 1$  mm
- Top flange outer diameter:  $37^{+1}$  mm
- Main body diameter:  $\varnothing 75,8 - 0,3$  mm
- Bottom flange thickness:  $3$  mm

**Top View Dimensions:**

- Overall diameter:  $101 \pm 0,2$  mm
- Central hole diameter:  $10$  mm
- Top flange thickness:  $3,7 \pm 0,15$  mm
- Top flange outer diameter:  $R4$
- Angle:  $90^\circ$