

**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	8500 TA	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed (rpm)	min <sup>-1</sup>	3150
Power consumption	W	11.0
Min. ambient temperature	°C	-10
Max. ambient temperature	°C	75
Air flow	m <sup>3</sup> /h	45
Sound pressure level	dB(A)	30

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>	25000 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.

Product drawing

