

**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	AC 6100 NM	
Nominal voltage	[VAC]	115/230
Frequency	[Hz]	50/60
Speed	[min <sup>-1</sup> ]	2850
Power input	[W]	14
Min. ambient temperature	[°C]	-20
Max. ambient temperature	[°C]	70
Air flow	[m <sup>3</sup> /h]	350
Sound pressure level	[dB(A)]	52

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>	172 Ø x 51 mm
<b>General description</b>	Can be used universally for all supply voltages between 85 and 265 V AC. Fan speed independent of the power frequency. Significantly lower power consumption than conventional AC fans. Rigid compression curve for high air flow at high counterpressure. Innovative impeller with winglets for low noise. Electronic commutation completely integrated.
<b>Connection line</b>	Single strands AWG 22, TR 64, bared and tin-plated.
<b>Direction of protection</b>	Clockwise, 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>	80000 h
<b>Lifetime L10 at maximum temperature</b>	37500 h
<b>Mass</b>	0.760 kg
<b>Housing material</b>	Aluminum. Housing with grounding lug for screws M4 x 8 (TORX).
<b>Material of impeller</b>	Fiberglass-reinforced PA plastic
<b>Motor protection</b>	Protected against reverse polarity and locking.
<b>Option</b>	Open loop speed control, sensor and alarm signal; improved moisture protection or protection class IP 54.

Charts: Air flow

