

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

Hermann-Papst-Straße 1

D-78112 St. Georgen

Phone +49 7724 81-0

Fax +49 7724 81-1309

info2@de.ebmpapst.com

www.ebmpapst.com

Nominal data

Type	8506 A	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed	min ⁻¹	3300
Power input	W	11.0
Min. ambient temperature	°C	-40
Max. ambient temperature	°C	95
Air flow	m ³ /h	57
Sound power level	B	5.7
Sound pressure level	dB(A)	42

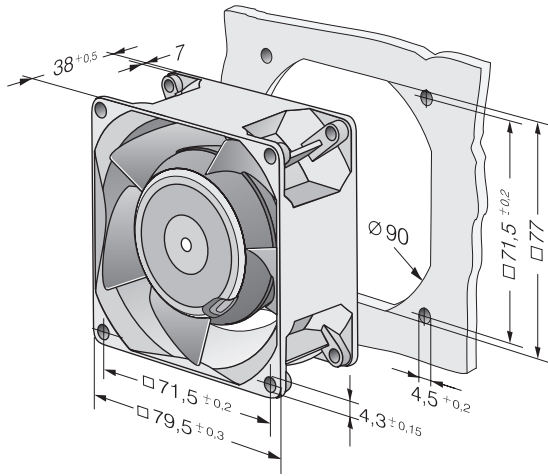
ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



Technical features

General description	AC voltage fan with external rotor motor shaded-pole motor. Protected from overload by impedance protection. Fan housing and fan impeller made of metal. Inlet over bars. Rotational direction clockwise looking at rotor. Electrical connection to 2 flat plugs 2.8 x 0.5 mm. Fan housing with grounding lug and tapping screw M4 x 8 (TORX). Dimensions 490 g. Optionally available with electrical connection to single strands. Optionally available with air exhaust over bars, deliverable with clockwise direction of rotation. Please note our new ACmaxx series. With identical fastening dimensions and voltages, this series achieves higher energy efficiency.
Mass	0.490 kg
Dimensions	80 x 80 x 38 mm
Material of impeller	Metal
Housing material	Metal
Direction of air flow	Inlet over bars
Direction of rotation	Right, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	55000 h
Lifetime L10 at maximum temperature	15000 h
Connection line	2 flat plugs 2.8 x 0.5 mm
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

Product drawing



Charts: Air flow

