

**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	3906	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed	min ⁻¹	3150
Power input	W	9.0
Min. ambient temperature	°C	-40
Max. ambient temperature	°C	80
Air flow	m ³ /h	70
Sound power level	B	5.1
Sound pressure level	dB(A)	40

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 internal rotor shaded-pole motor. Protected from overload by impedance protection. Fan housing made of metal, impeller made of mineral-reinforced PA plastic. Air exhaust over bars. Rotational direction counter-clockwise looking at rotor. Electrical connection to 2 flat plugs 2.8 x 0.5 mm. Fan housing with grounding lug for M4 screw. Mass 280 g. Please note our new ACmaxx series. With identical fastening dimensions and voltages, this series achieves higher energy efficiency.
Mass	0.280 kg
Dimensions	92 x 92 x 25 mm
Material of impeller	Mineral-reinforced PA plastic
Housing material	Metal
Direction of air flow	Air exhaust over bars
Direction of rotation	Left, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	60000 h
Lifetime L10 at maximum temperature	22500 h
Connection line	2 flat plugs 2.8 x 0.5 mm. Housing with grounding lug.
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

Technical drawing of a fan assembly showing dimensions for the fan and its mounting plate. The fan has a square frame with a side length of $92 \pm 0,3$ mm. The mounting plate has a square frame with a side length of 88 mm. The distance between the fan frame and the mounting plate is $4,3 \pm 0,15$ mm (6x). The mounting plate has a central circular hole with a diameter of $\varnothing 98$ mm. The distance from the fan frame to the mounting plate is $4,5 \pm 0,2$ mm. The distance from the fan frame to the mounting plate is $82,5 \pm 0,2$ mm. The distance from the fan frame to the mounting plate is $82,5 \pm 0,2$ mm. The distance from the fan frame to the mounting plate is $25,4 \pm 0,3$ mm. The distance from the fan frame to the mounting plate is 4 mm.

Charts: Air flow

