

**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	3950 M	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Speed	min ⁻¹	2150
Power input	W	6.0
Min. ambient temperature	°C	-10
Max. ambient temperature	°C	80
Air flow	m ³ /h	45
Sound power level	B	4.2
Sound pressure level	dB(A)	29

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations



Technical features

Mass	0.280 kg
Dimensions	92 x 92 x 25 mm
Material of impeller	Mineral-reinforced PA plastic
Housing material	Die-cast aluminium
Direction of air flow	Exhaust over struts
Direction of rotation	Left, looking at rotor
Bearing	Sintec sleeve bearing
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	27500 h
Connection line	2 flat plugs 2.8 x 0.5 mm. Housing with grounding lug for M4 screw.
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

AC axial compact fan

Technical drawing showing the dimensions of the fan assembly. 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 distance between the fan frame and the mounting plate is $4,5 \pm 0,2$ mm. The distance between the fan frame and the mounting plate is $82,5 \pm 0,2$ mm. The distance between the fan frame and the mounting plate is $82,5 \pm 0,2$ mm. The distance between the fan frame and the mounting plate is $25,4 \pm 0,3$ mm. The distance between the fan frame and the mounting plate is 4 mm. The distance between the fan frame and the mounting plate is $\varnothing 98$ mm.

Charts

