

**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

sales@fansco.com

www.fansco.com

Nominal data

Type	3900 M	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed (rpm)	min ⁻¹	2600
Power consumption	W	5.0
Min. ambient temperature	°C	-10
Max. ambient temperature	°C	80
Air flow	m ³ /h	53
Sound power level	B	4.6
Sound pressure level	dB(A)	34

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

Weight	0.280 kg
Dimensions	92 x 92 x 25 mm
Impeller material	Mineral-reinforced PA plastic
Housing material	Die-cast aluminum
Part no.	9282708123
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Sintec sleeve bearing
Service life L10 at 40 °C	70000 h
Service life L10 at maximum temperature	27500 h
Cable	2 flat plugs 2.8 x 0.5 mm. Housing with grounding lug for M4 screw.
Motor protection	Protected from overload by impedance protection
Approval	VDE, CSA, UL, CE



AC axial compact fan

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 fan is mounted on the plate with four screws. The distance between the screws is $82,5 \pm 0,2$ mm. The distance from the fan frame to the mounting plate is $4,5 \pm 0,2$ mm. The distance from the mounting plate to the fan frame is $4,3 \pm 0,15$ mm. The distance from the fan frame to the mounting plate is $25,4 \pm 0,3$ mm. The distance from the mounting plate to the fan frame is 4 mm. The fan has a central hub with a diameter of $\varnothing 98$.

Curves: Air performance

