

Nominal data

Type	3900 M	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed	min ⁻¹	2600
Power input	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 = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

3900 M

AC axial compact fan

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 of a fan assembly showing dimensions for the fan and its mounting plate. The fan has a square frame with a central hub and blades. The mounting plate is a square plate with a central circular hole and four mounting holes. Dimensions are given in millimeters (mm) with tolerances.

Dimensions:

- Top left: $25,4^{+0,3}$ (fan frame width)
- Top center: 4 (fan frame thickness)
- Right side (from top): $82,5^{+0,2}$ (fan frame height), $\varnothing 98$ (mounting hole diameter), $82,5^{+0,2}$ (mounting plate height), 88 (total height)
- Bottom right: $4,5^{+0,2}$ (mounting plate thickness), $4,3^{+0,15}$ (fan frame thickness), $(6 \times)$ (6 mounting holes)
- Bottom left: $92^{+0,3}$ (fan frame width)

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Charts: Air flow

