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Nominal data

Type	3900	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed	min ⁻¹	3150
Power input	W	9.0
Min. ambient temperature	°C	-20
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	Sintec sleeve bearing system
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 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 diameter of $\varnothing 98$ and a mounting plate with a square hole of $82,5 \pm 0,2$. The fan's outer dimensions are $92 \pm 0,3$ (width) and 88 (height). The mounting plate has a square hole of $82,5 \pm 0,2$ and a mounting hole of $\varnothing 8$. The fan's mounting holes are spaced $25,4 \pm 0,3$ apart. The fan's mounting plate has a thickness of $4,5 \pm 0,2$ and a mounting hole of $4,3 \pm 0,15$ (6x).

Charts: Air flow

