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Nominal data

Type	4800 Z	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed	min ⁻¹	1800
Power input	W	12.0
Min. ambient temperature	°C	-10
Max. ambient temperature	°C	70
Air flow	m ³ /h	105
Sound power level	B	4.1
Sound pressure level	dB(A)	28

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 external rotor motor shaded-pole motor. Protected from overload by impedance protection. Fan housing and fan impeller made of metal. Air exhaust over bars. Rotational direction clockwise looking at rotor. Electrical connection to 2 flat plugs 2.8 x 0.5 mm. Optionally available: Electrical connection to 310 mm long single strands. Fan housing with grounding lug and tapping screw M4 x 8 (TORX). Mass 540 g. Please note our new ACmaxx series. With identical fastening dimensions and voltages, this series achieves higher energy efficiency.
Mass	0.540 kg
Dimensions	119 x 119 x 38 mm
Material of impeller	Metal
Housing material	Metal
Direction of air flow	Air exhaust over bars
Direction of rotation	Right, looking at rotor
Bearing	Sintec sleeve bearing system
Lifetime L10 at 40 °C	52500 h
Lifetime L10 at maximum temperature	25000 h
Connection line	2 flat plugs 2.8 x 0.5 mm. Housing with grounding lug and tapping screw M4 x 8 (TORX).
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

AC axial compact fan

Technical drawing of the cooling fan assembly showing dimensions and tolerances:

- Top horizontal dimension: $38^{+0.4}$
- Top horizontal dimension: 9.5
- Right vertical dimension: $104.8^{+0.2}$
- Right vertical dimension: $\square 104.8^{+0.2}$
- Inner circle diameter: $\varnothing 115$
- Bottom horizontal dimension: $\square 104.8^{+0.2}$
- Bottom horizontal dimension: $\square 119^{+0.3}$
- Bottom right horizontal dimension: $4.5^{+0.2}$
- Bottom right horizontal dimension: $4.3^{+0.15}$

Charts: Air flow

