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Nominal data

Type	8500 TA	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed	min ⁻¹	3150
Power input	W	11.0
Min. ambient temperature	°C	-10
Max. ambient temperature	°C	75
Air flow	m ³ /h	45
Sound pressure level	dB(A)	30

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 shaded-pole motor. Protected from overload by impedance protection. Impeller and mounting bracket made of metal. Inlet via mounting bracket. Rotational direction clockwise looking at rotor. Electrical connection to 2 single strands. Strand ends bared and tin-plated. Mass 370 g. Please note our new ACmaxx series. With identical fastening dimensions and voltages, this series achieves higher energy efficiency.
Mass	0.370 kg
Dimensions	76 Ø x 37 mm
Material of impeller	Metal
Direction of air flow	Inlet via mounting bracket.
Direction of rotation	Right, looking at rotor
Bearing	Sintec sleeve bearing system
Lifetime L10 at 40 °C	55000 h
Lifetime L10 at maximum temperature	25000 h
Connection line	2 single strands AWG 28, TR 64
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

Technical drawing of a mechanical part, showing two views: a side view (left) and a top view (right).

Side View (Left):

- Overall length: 325 ± 10 mm.
- Flange thickness: 37 ± 1 mm.
- Inner diameter: $\varnothing 75,8 - 0,3$ mm.
- Small dimension at the bottom: 6 ± 1 mm.
- Small dimension at the top: 3 mm.

Top View (Right):

- Overall diameter: $101 \pm 0,2$ mm.
- Central hole diameter: 10 mm.
- Fillet radius: R4.
- Small dimension at the top: $3,7 \pm 0,15$ mm.
- Angle at the bottom: 90° .