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Nominal data

Type	8500 TA	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed (rpm)	min ⁻¹	3150
Power consumption	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 = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

Technical description

Weight	0.370 kg
Dimensions	Ø 76 x 37 mm
Impeller material	Metal
Airflow direction	Intake over mounting bracket.
Direction of rotation	Clockwise, viewed toward rotor
Storage	Sintec sleeve bearing system
Service life L10 at 40 °C	55000 h
Service life L10 at maximum temperature	25000 h
Cable	2 leads AWG 28, TR 64
Motor protection	Protected from overload by impedance protection
Approval	VDE, CSA, UL, CE
Option	Air flow rates and noise levels of fans without external housings depend on conditions of installation. The stated air flow was determined with an aperture of Ø 76.5 mm and at a distance of approximately 17 mm from the mounting bracket. Under especially favorable conditions of installation, the air flow of fan series 8000 A is achievable. The noise level in the optimal operating range can only be measured for these fans in a specific application.

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
- Flange thickness: 3
- Flange outer diameter: $75.8 - 0.3$
- Flange inner diameter: $37 + 1$
- Flange width: 6 ± 1

Top View (Right):

- Overall diameter: 101 ± 0.2
- Central hole diameter: 10
- Flange thickness: 3.7 ± 0.15
- Flange outer diameter: $75.8 - 0.3$
- Flange inner diameter: $37 + 1$
- Flange width: 6 ± 1
- Flange thickness: 3
- Flange outer radius: $R4$
- Angle: 90°