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**Nominal data**

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

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit  
Subject to alterations

### Technical features

<b>Dimensions</b>	76 Ø x 37 mm
<b>General description</b>	AC fan with external rotor shaded-pole motor
<b>Connection line</b>	2 single strands AWG 28, TR 64
<b>Direction of protection</b>	Right, looking at rotor
<b>Direction of air flow</b>	Inlet via mounting bracket.
<b>Note</b>	Flow rates and noise levels of fans without external housing depend on installation circumstances. The air flow stated here was determined with an orifice of 76.5 mm Ø and at a distance of approximately 17 mm from the mounting bracket. Under exceptionally favorable mounting conditions, the air flow of fan series 8000 A is achievable. The noise in the optimal operating range can only be measured for these fans in a specific application.
<b>Bearing</b>	Sintec sleeve bearing system
<b>Lifetime L10 at 40 °C</b>	55000 h
<b>Lifetime L10 at maximum temperature</b>	25000 h
<b>Mass</b>	0.370 kg
<b>Material of impeller</b>	Metal
<b>Motor protection</b>	Protected from overload using impedance protection
<b>Option</b>	Flow rates and noise levels of fans without external housing depend on installation circumstances. The air flow stated here was determined with an orifice of 76.5 mm Ø and at a distance of approximately 17 mm from the mounting bracket. Under exceptionally favorable mounting conditions, the air flow of fan series 8000 A is achievable. The noise in the optimal operating range can only be measured for these fans in a specific application.
<b>Approval</b>	VDE, CSA, UL, CE

## Product drawing

