

4850 N

# AC axial compact fan



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## Nominal data

Type	4850 N	
Nominal voltage	[VAC]	230
Frequency	[Hz]	50
Speed	[min <sup>-1</sup> ]	1800
Power input	[W]	10.0
Min. ambient temperature	[°C]	-10
Max. ambient temperature	[°C]	70
Air flow	[m <sup>3</sup> /h]	100
Sound power level	[B]	4.4
Sound pressure level	[dB(A)]	32

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>	119 x 119 x 38 mm
<b>General description</b>	AC fan with external rotor shaded-pole motor.
<b>Connection line</b>	2 flat plugs 3.0 x 0.5 mm. Housing with grounding lugs for screw M4 and UNC.
<b>Direction of protection</b>	Right, looking at rotor
<b>Direction of air flow</b>	Inlet over bars
<b>Bearing</b>	Sintec sleeve bearing system
<b>Lifetime L10 at 40 °C</b>	57500 h
<b>Lifetime L10 at maximum temperature</b>	27500 h
<b>Mass</b>	0.550 kg
<b>Material of impeller</b>	Metal
<b>Motor protection</b>	Protected from overload using impedance protection
<b>Option</b>	Variants optionally available with reinforced mounting flanges and customizable single-strand wiring.
<b>Approval</b>	VDE, CSA, UL, CE

## Product drawing



## Charts: Air flow

