8506 N

AC axial compact fan



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Nominal data

Type	8506 N	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed	min^{-1}	3300
Power input	W	11.0
Min. ambient temperature	°C	-40
Max. ambient temperature	°C	95
Air flow	m^3/h	61
Sound power level	B	5.0
Sound pressure level	dB(A)	35

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

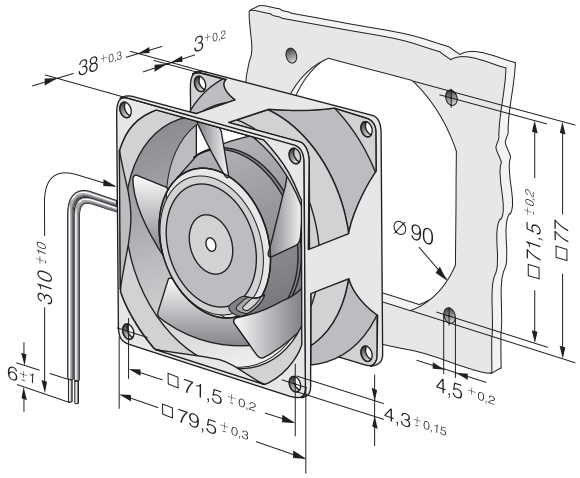
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Technical features

General description	AC voltage fan with external rotor 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 single strands. Strand ends bared and tin-plated. Fan housing with grounding lug and tapping screw M4 x 8 (TORX). Mass 490 g. Please note our new ACmaxx series. With identical fastening dimensions and voltages, this series achieves higher energy efficiency.
Mass	0.490 kg
Dimensions	80 x 80 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	Ball bearings
Lifetime L10 at 40 °C	55000 h
Lifetime L10 at maximum temperature	15000 h
Connection line	2 single strands AWG 28, TR 64
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

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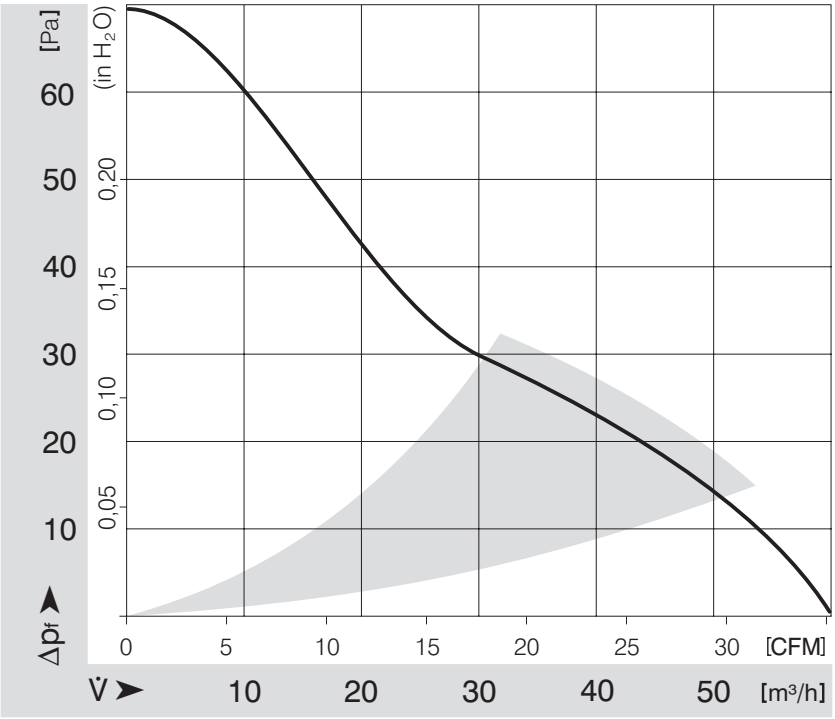
Product drawing



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Charts: Air flow



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