

AC centrifugal compact fan

single inlet



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Nominal data

Type	RL 90-18/06	
Phase		1~
Nominal voltage	VAC	115
Frequency	Hz	60
Speed	min ⁻¹	2550
Power input	W	19.5
Min. ambient temperature	°C	-30
Max. ambient temperature	°C	85
Air flow	m ³ /h	42
Sound power level	B	6.0

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



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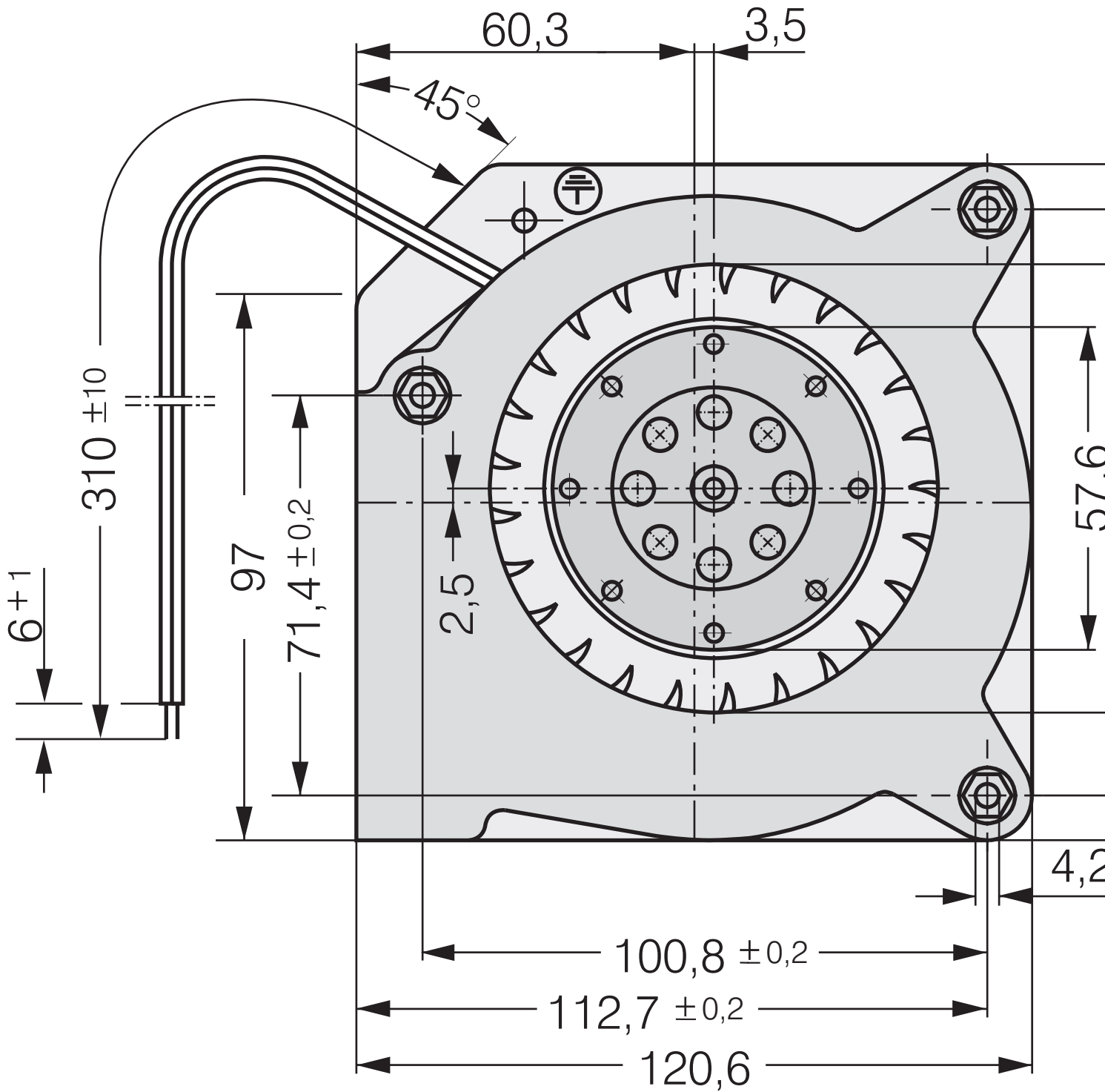
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Technical features

Dimensions	121 x 121 x 37 mm
General description	<p>AC voltage fan with external rotor motor shaded-pole motor. Protected from overload by impedance protection.</p> <p>Scroll housing and impeller made of fibreglass-reinforced plastic. Housing base of galvanized sheet steel. Housing base with flat plug 6.3 x 0.8 mm for protective earth</p> <p>Centrifugal direction of air flow, air outlet from the housing window. Rotational direction clockwise looking at rotor.</p> <p>Electrical connection to 2 single strands. Strand ends bared and tin-plated.</p> <p>Mass 680 g.</p>
Connection line	2 single strands AWG 22
Direction of rotation	Right, looking at rotor
Direction of air flow	Centrifugal, air exhaust out of housing window
Bearing	Ball bearings
Lifetime L10 at 40 °C	37500 h
Lifetime L10 at maximum temperature	15000 h
Mass	0.680 kg
Housing material	Spiral housing of fibreglass-reinforced plastic. Housing base of galvanized sheet steel.
Material of impeller	Fibreglass-reinforced plastic
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE



Product drawing



*Federmutter M4 oder 8-32UNC. Ein Speed nut M4 or 8-32UNC. Screw-i

Charts: Air flow

