

RL 90-18/56

AC centrifugal compact fan

single inlet



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Nominal data

Type	RL 90-18/56	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Speed	min ⁻¹	2450
Power input	W	20.0
Min. ambient temperature	°C	-30
Max. ambient temperature	°C	70
Air flow	m ³ /h	40
Sound power level	B	5.6

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



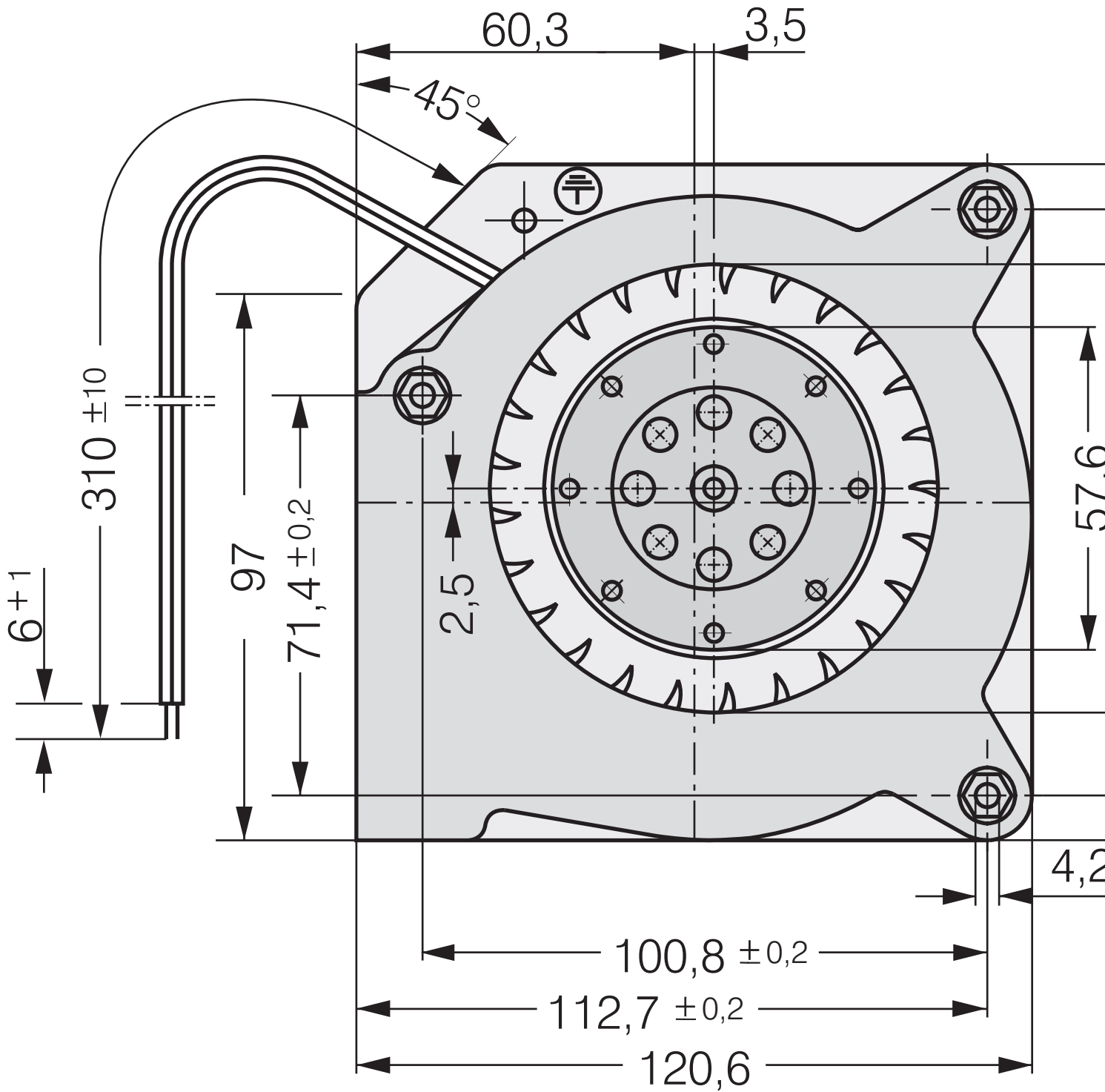
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Technical features

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	20000 h
Mass	0.680 kg
Housing material	Spiral housing of fiberglass-reinforced plastic. Housing base of galvanized sheet steel.
Material of impeller	Fiberglass-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

