

RL 90-18/50

AC centrifugal compact fan

single inlet



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Nominal data

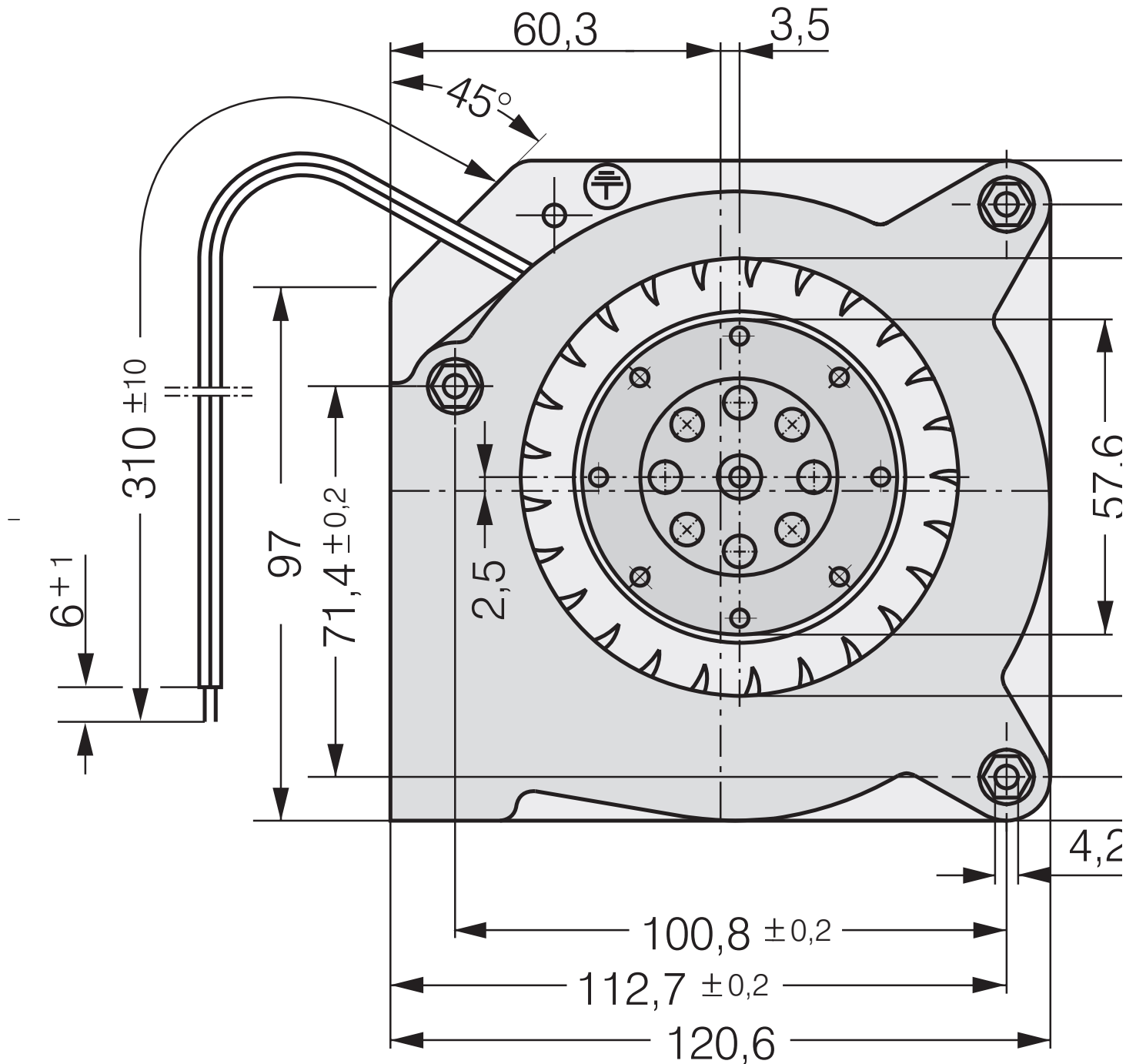
Type	RL 90-18/50	
Nominal voltage	[VAC]	230
Frequency	[Hz]	50
Speed	[min ⁻¹]	2450
Power input	[W]	20.0
Min. ambient temperature	[°C]	-10
Max. ambient temperature	[°C]	50
Air flow	[m ³ /h]	40
Sound power level	[B]	5.6

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

Technical features

Dimensions	121 x 121 x 37 mm
General description	AC fan with external rotor shaded-pole motor. Housing base with flat plug 6.3 x 0.8 mm for ground line.
Connection line	2 single strands AWG 18, TR 32
Direction of protection	Right, looking at rotor
Direction of air flow	Centrifugal, air exhaust out of housing window
Bearing	Sintec sleeve bearing system
Lifetime L10 at 40 °C	37500 h
Lifetime L10 at maximum temperature	30000 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

