

RL 90-18/06

# AC centrifugal compact fan

single inlet



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## Nominal data

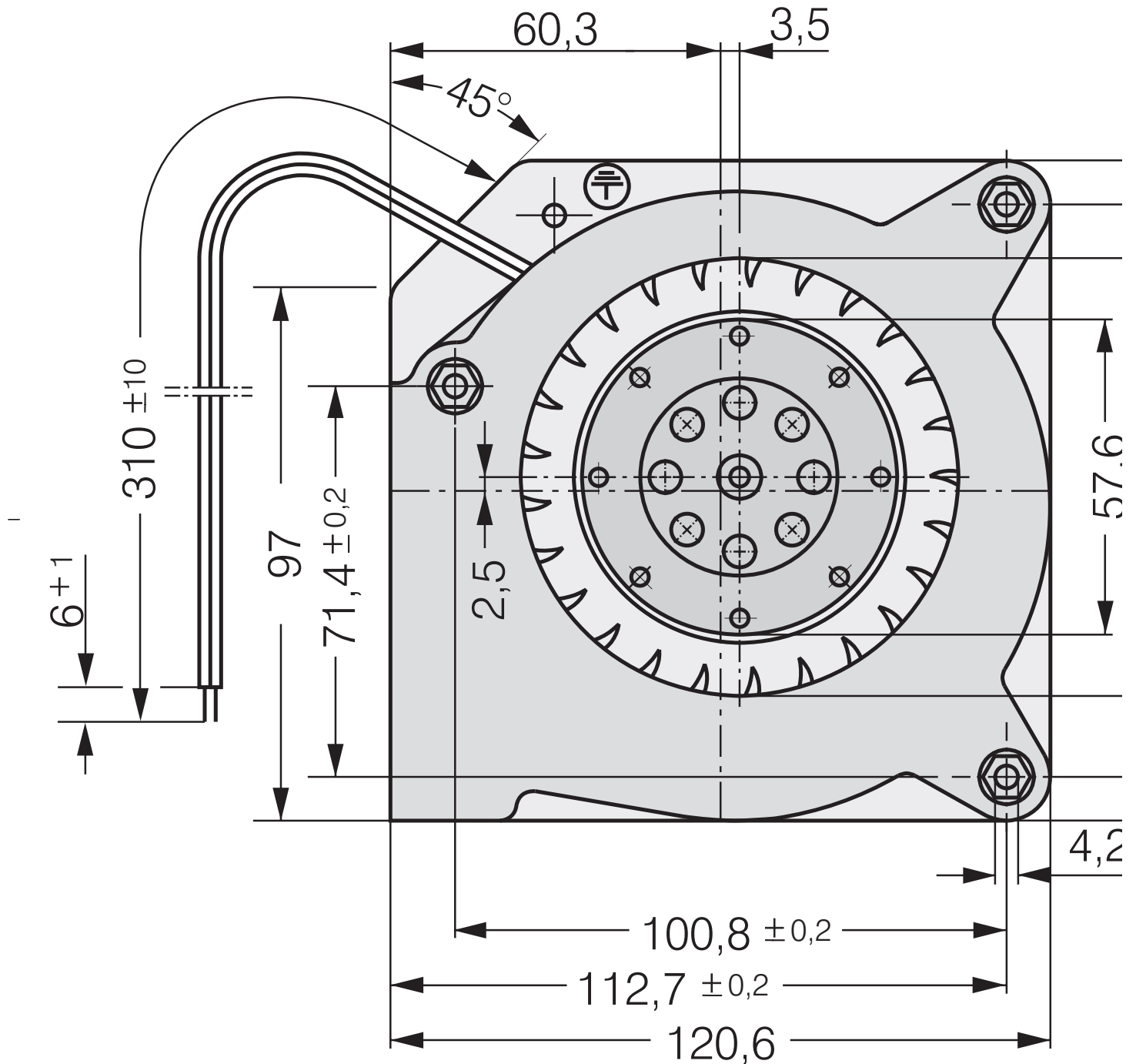
Type	RL 90-18/06	
Nominal voltage	[VAC]	115
Frequency	[Hz]	60
Speed	[min <sup>-1</sup> ]	2550
Power input	[W]	19.5
Min. ambient temperature	[°C]	-30
Max. ambient temperature	[°C]	85
Air flow	[m <sup>3</sup> /h]	40
Sound power level	[B]	6.0

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

## Technical features

<b>Dimensions</b>	121 x 121 x 37 mm
<b>General description</b>	AC fan with external rotor shaded-pole motor. Housing base with flat plug 6.3 x 0.8 mm for ground line.
<b>Connection line</b>	2 single strands AWG 22
<b>Direction of protection</b>	Right, looking at rotor
<b>Direction of air flow</b>	Centrifugal, air exhaust out of housing window
<b>Bearing</b>	Ball bearings
<b>Lifetime L10 at 40 °C</b>	37500 h
<b>Lifetime L10 at maximum temperature</b>	15000 h
<b>Mass</b>	0.680 kg
<b>Housing material</b>	Spiral housing of fiberglass-reinforced plastic. Housing base of galvanized sheet steel.
<b>Material of impeller</b>	Fiberglass-reinforced plastic
<b>Motor protection</b>	Protected from overload using impedance protection
<b>Approval</b>	VDE, CSA, UL, CE

## Product drawing



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

## Charts: Air flow

