

RL 90-18/56

# AC centrifugal compact fan

single inlet



## ebm-papst St. Georgen GmbH & Co. KG

Hermann-Papst-Str. 1  
D-78112 St. Georgen  
Phone +49 (0) 7724 81-0  
Fax +49 (0) 7724 81-1309  
info2@de.ebmpapst.com  
www.ebmpapst.com

## Nominal data

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

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit  
Subject to alterations



# AC centrifugal compact fan

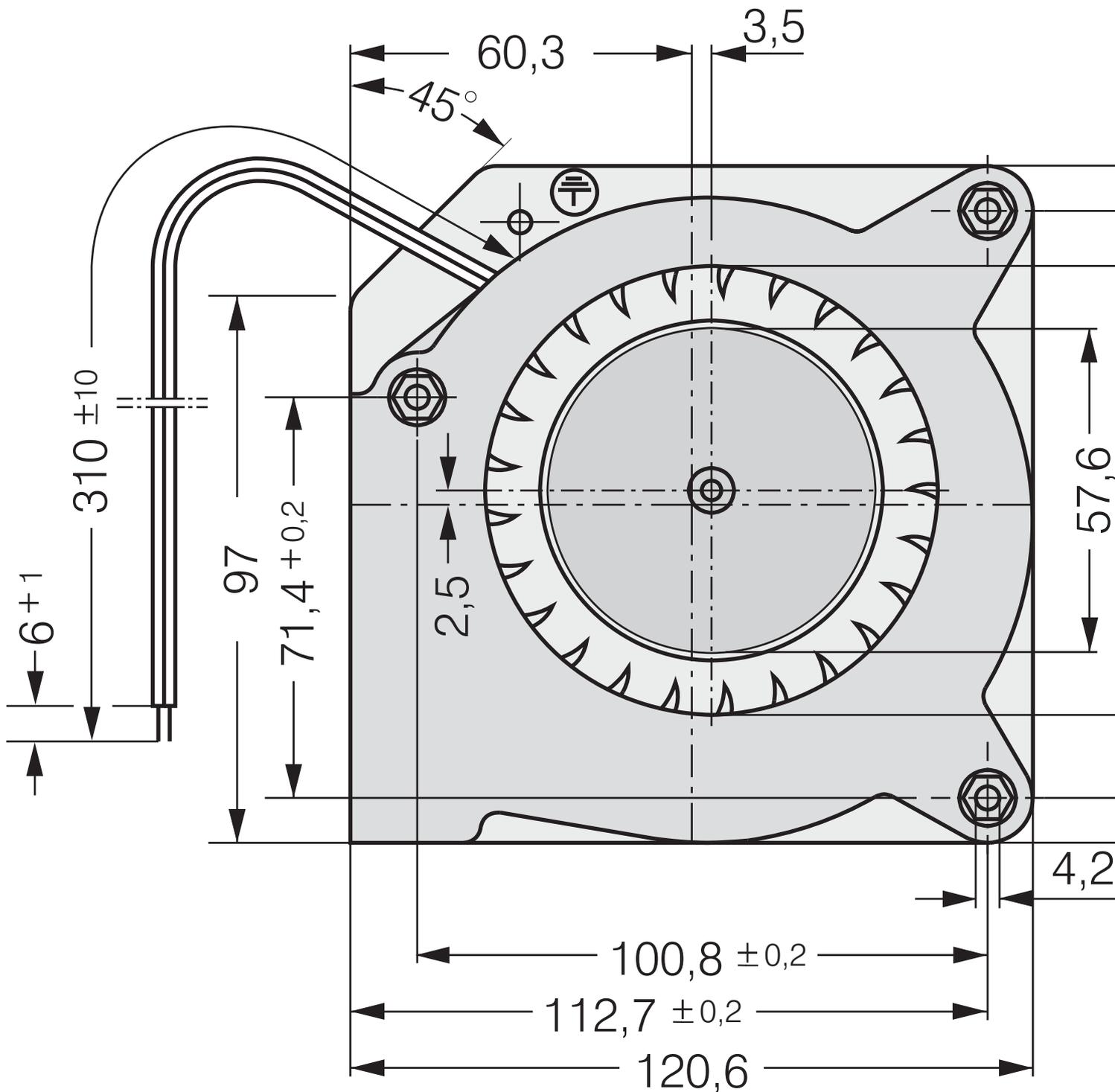
single inlet

## Technical features

<b>General description</b>	Forward-curved impeller
<b>Housing material</b>	Scroll housing made of fibreglass-reinforced plastic (PBT), housing base made of sheet steel
<b>Mass</b>	0.680 kg
<b>Dimensions</b>	121 x 121 x 37 mm
<b>Material of impeller</b>	Fibreglass-reinforced plastic (PA)
<b>Direction of air flow</b>	Centrifugal: Air outlet via window in housing
<b>Direction of rotation</b>	Right, looking at rotor
<b>Bearing</b>	Ball bearings
<b>Lifetime L10 at 40 °C</b>	37500 h
<b>Lifetime L10 at maximum temperature</b>	20000 h
<b>Connection line</b>	With 2 single strands AWG 22. Housing base with flat connector 6.3 x 0.8 mm for protective earth
<b>Motor protection</b>	Protected from overload using impedance protection
<b>Approval</b>	VDE, CSA, UL, CE



Product drawing



\*Federmutter M4 oder 8-32UNC. Eins

## Charts: Air flow

