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

Hermann-Papst-Straße 1

D-78112 St. Georgen

Phone +49 7724 81-0

Fax +49 7724 81-1309

info2@de.ebmpapst.com

www.ebmpapst.com

Nominal data

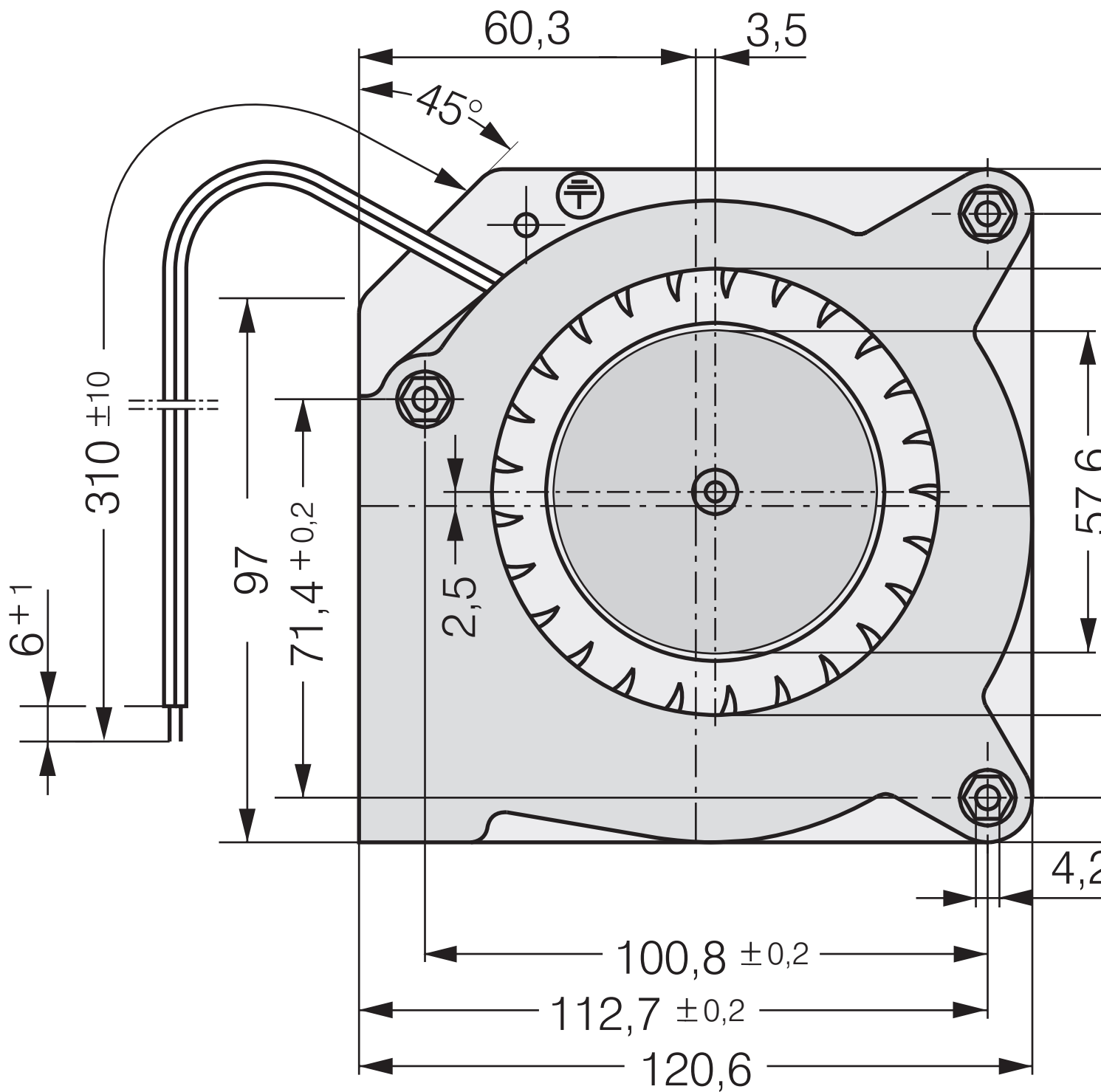
Type	RL 90-18/18 NH	
Nominal voltage	VDC	48
Nominal voltage range	VDC	40 .. 53
Speed	min ⁻¹	3500
Power input	W	15.0
Min. ambient temperature	°C	-30
Max. ambient temperature	°C	55
Air flow	m ³ /h	55
Sound power level	B	6.9

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	Particular design features: Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customisable solution to meet the individual requirements of your application. Forward-curved impeller. General features: Scroll housing and impeller made of fibreglass-reinforced plastic; housing base made of sheet steel. Electronic commutation completely integrated. Protected against reverse polarity and locking. Direction of air flow: axial air intake, centrifugal air exhaust out of the outlet. Connection via single strands AWG 22, TR 64, bared and tin-plated. Mass: 420 g.
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Locked-rotor protection	Blocking and overload protection
Direction of air flow	Axial air intake, centrifugal air exhaust out of the outlet.
Bearing	Ball bearings
Lifetime L10 at 40 °C	32500 h
Lifetime L10 at maximum temperature	22500 h
Mass	0.420 kg
Housing material	Scroll housing of fiberglass-reinforced plastic, housing base of sheet steel.
Material of impeller	Fiberglass-reinforced plastic
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL, CE

Product drawing



*Federmutter M4 oder 8-32UNC. Ein

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

Charts: Air flow

