RL 90-18/12 N

DC centrifugal compact fan

single inlet



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Nominal data

Type	RL 90-18/12 N	
Nominal voltage	VDC	12
Nominal voltage range	VDC	7 .. 15
Speed	min^{-1}	2500
Power input	W	5.5
Min. ambient temperature	°C	-30
Max. ambient temperature	°C	75
Air flow	m^3/h	40
Sound power level	B	5.8

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

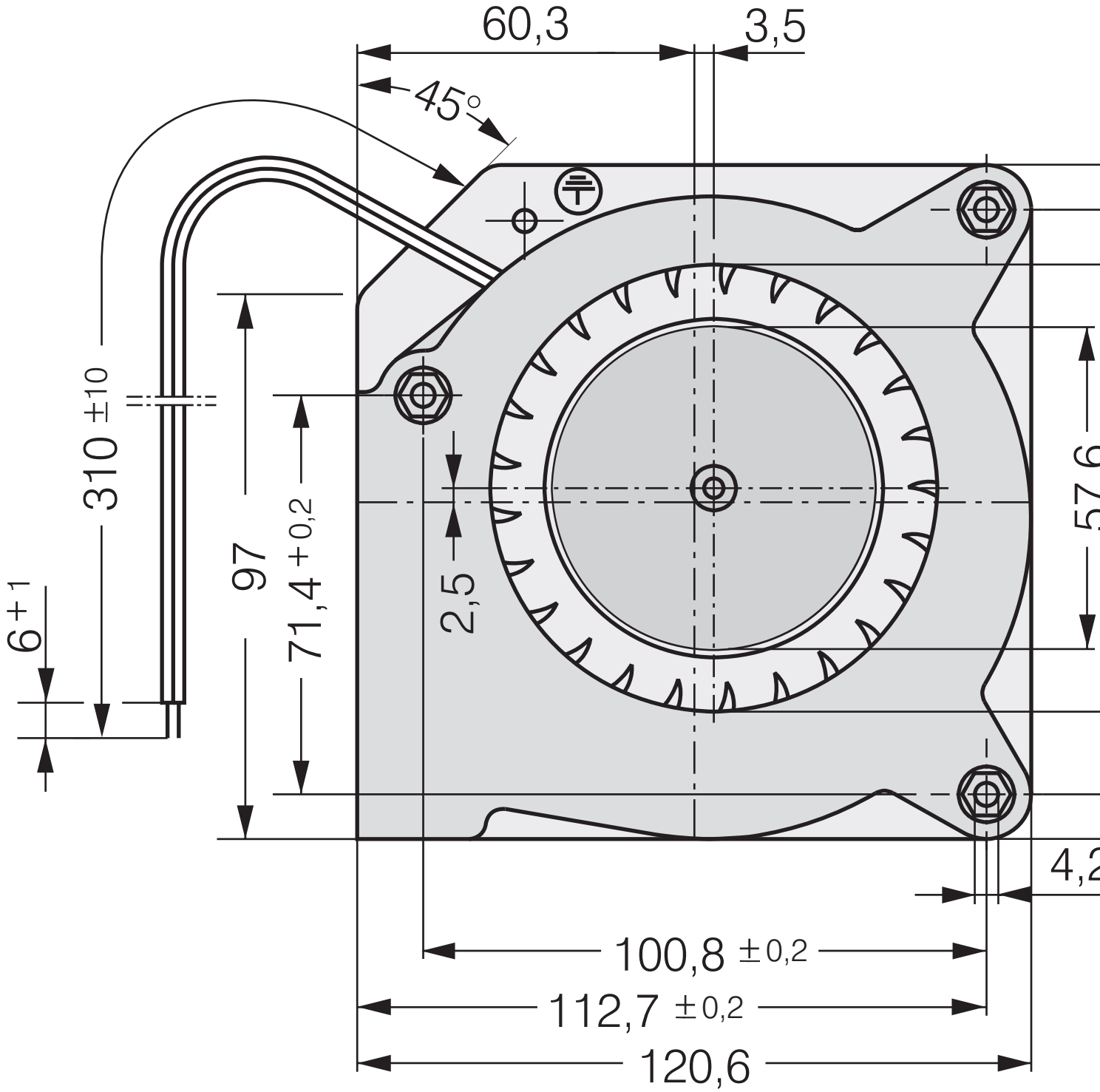
Dimensions	121 x 121 x 37 mm
General description	Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customizable solution to meet the individual requirements of your application. Forward-curved impeller. Electronic commutation completely integrated.
Connection line	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	62500 h
Lifetime L10 at maximum temperature	27500 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

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Product drawing



*Federmutter M4 oder 8-32UNC. Ein

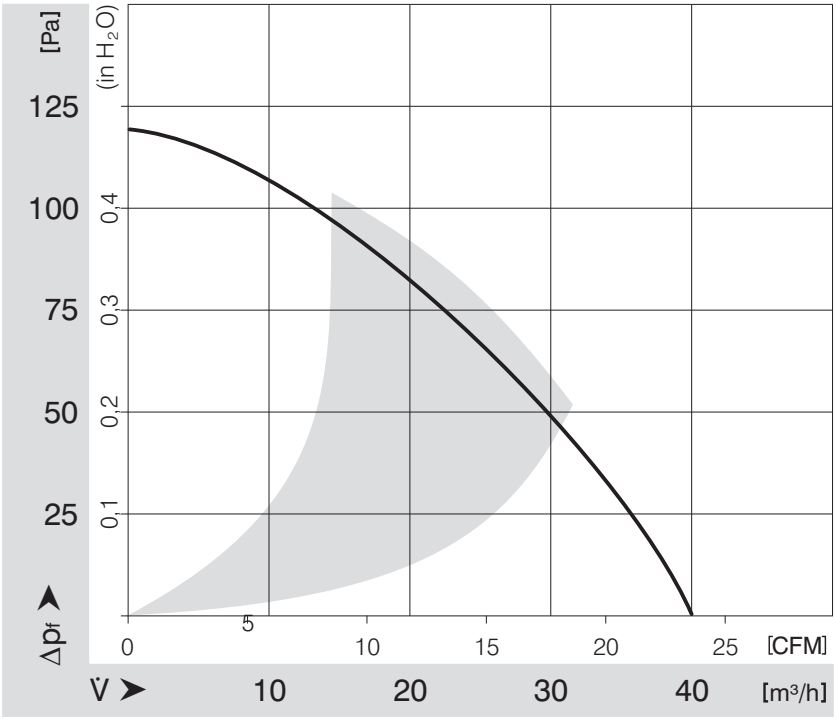
*Speed nut M4 or 8-32UNC. Screw-i

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Charts: Air flow



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