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Nominal data

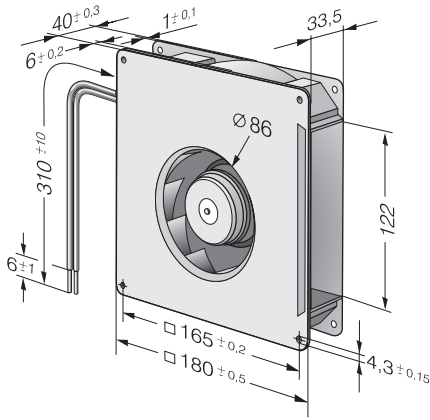
Type	RG 125-19/18 N	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 56
Speed	min ⁻¹	2550
Power input	W	5.0
Min. ambient temperature	°C	-30
Max. ambient temperature	°C	75
Air flow	m ³ /h	87.5
Sound power level	B	5.8

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

Technical features

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. Backward 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. 48 V model: flat plug 6.3 x 0.8 mm for protective earth. Mass: 730 g.
Mass	0.730 kg
Dimensions	180 x 180 x 40 mm
Material of impeller	Fiberglass-reinforced plastic
Housing material	Scroll housing of fiberglass-reinforced plastic, housing base of sheet steel.
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
Connection line	Flat plugs 6.3 x 0.8 mm for ground line.
Motor protection	Protected against reverse polarity and locking.
Locked-rotor protection	Blocking and overload protection
Approval	VDE, CSA, UL, CE

Product drawing



Charts: Air flow

