RG 160-28/18 N

DC centrifugal compact fan

single inlet



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Nominal data

Type	RG 160-28/18 N	
Nominal voltage	VDC	48
Nominal voltage range	VDC	28 .. 60
Speed	min^{-1}	2850
Power input	W	20.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	209
Sound power level	B	6.6

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

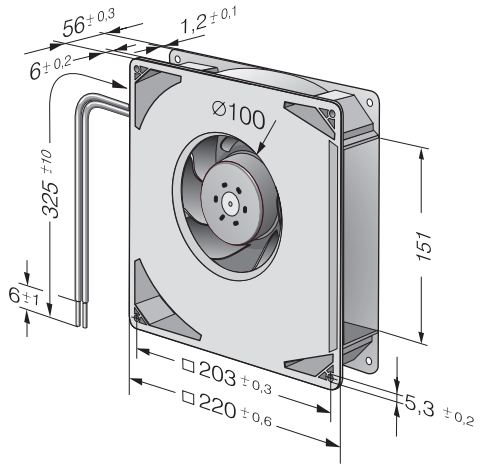
Dimensions	220 x 220 x 56 mm
General description	Particular design features: Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customisable solution to meet the individual requirements of your application. Backward curved impeller. General features: Scroll housing 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: 1.4 g.
Connection line	Flat plugs 6.3 x 0.8 mm for ground line.
Locked-rotor protection	With electronic overload protection
Direction of air flow	Axial air intake, centrifugal air exhaust out of the outlet.
Bearing	Ball bearings
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	35000 h
Mass	1.400 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

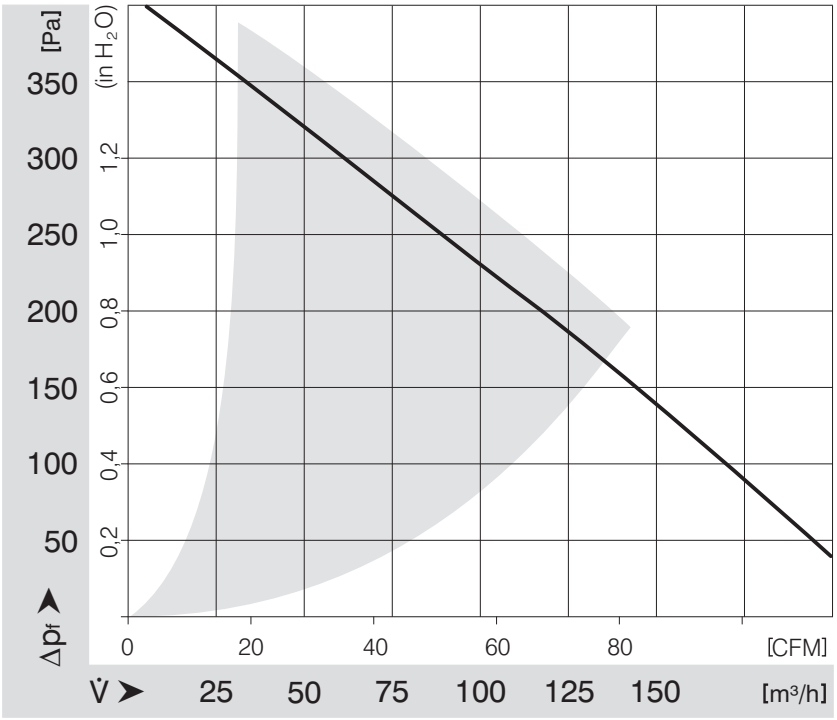


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Charts: Air flow



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