

RG 160-28/12 NM

DC centrifugal compact fan

single inlet



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Nominal data

Type	RG 160-28/12 NM	
Nominal voltage	VDC	12
Nominal voltage range	VDC	7 .. 14
Speed	min ⁻¹	1900
Power input	W	7.5
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	139
Sound power level	B	5.6

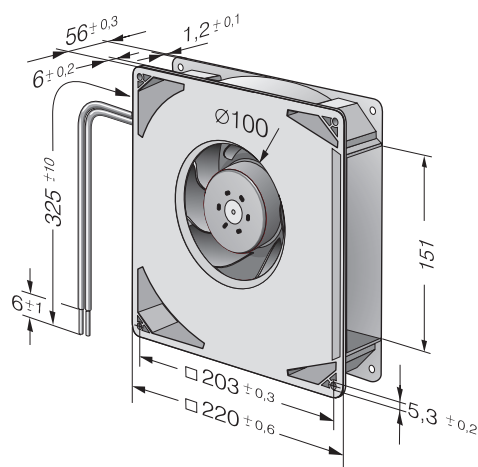
ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



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	Single strands AWG 22, TR 64, bared and tin-plated.
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	80000 h
Lifetime L10 at maximum temperature	40000 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

Product drawing



Charts: Air flow

