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 · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

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Technical features

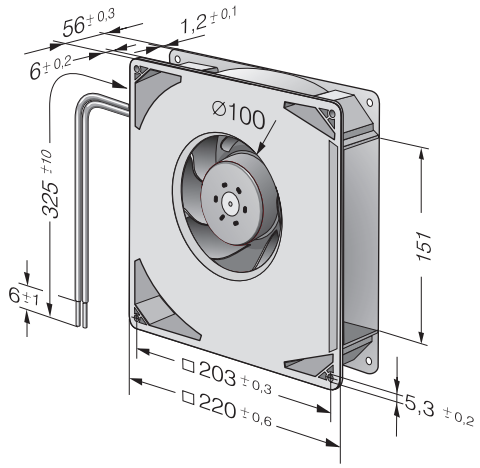
General description	Backward-curved impeller
Mass	1.400 kg
Dimensions	220 x 220 x 56 mm
Material of impeller	Fiberglass-reinforced plastic
Housing material	Scroll housing of fiberglass-reinforced plastic, housing base of sheet steel.
Direction of air flow	Axial air intake, centrifugal air exhaust out of the outlet.
Bearing	Ball bearings
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	35000 h
Connection line	Flat connector 6.3 x 0.8 mm for protective earth
Motor protection	Protected against reverse polarity and locking.
Locked-rotor protection	With electronic overload protection
Approval	VDE, CSA, UL, CE

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Product drawing

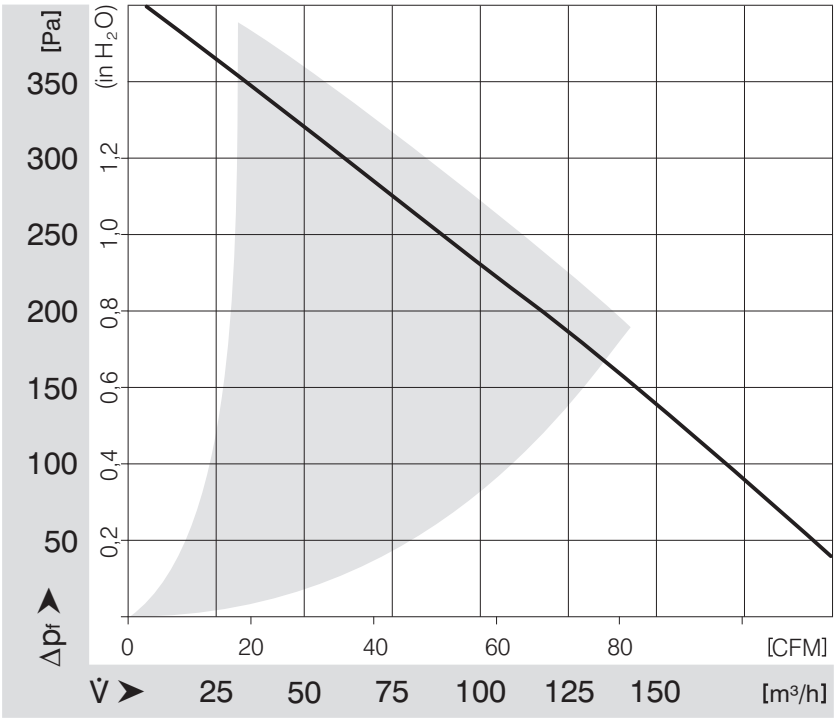


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Charts: Air flow



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