RG 160-28/18 N

DC centrifugal compact fan

single-intake

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Nominal data

Type	RG 160-28/18 N	
Nominal voltage	VDC	48
Nominal voltage range	VDC	28 .. 60
Speed (rpm)	min^{-1}	2850
Power consumption	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 = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

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Technical description

General description	Backward-curved impeller
Weight	1.400 kg
Dimensions	220 x 220 x 56 mm
Impeller material	Glass-fiber reinforced plastic
Housing material	Scroll housing made of glass-fiber reinforced plastic, housing base made of sheet steel.
Airflow direction	Axial intake, radial discharge from outlet.
Storage	Ball bearing
Service life L10 at 40 °C	70000 h
Service life L10 at maximum temperature	35000 h
Cable	Flat plug 6.3 x 0.8 mm for protective earth
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	With electronic overload protection
Approval	VDE, CSA, UL, CE
Option	Speed signal

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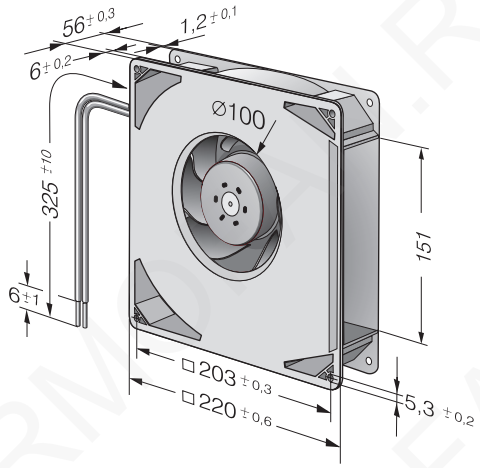
Product drawing



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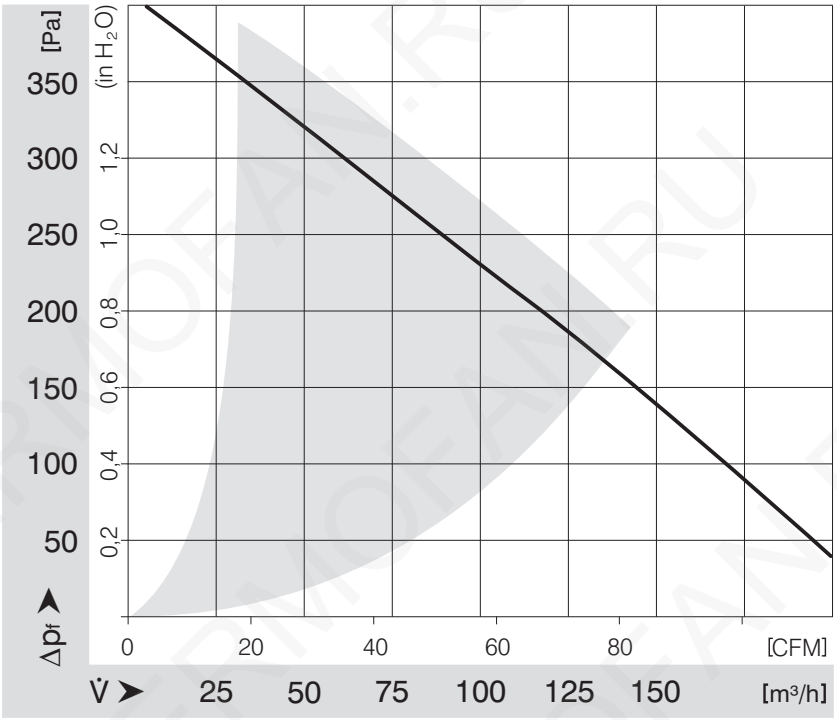
Curves: Air performance



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