

RG 160-28/12 N

DC centrifugal compact fan

single inlet



ebm-papst St. Georgen GmbH & Co. KG

Hermann-Papst-Str. 1

D-78112 St. Georgen

Phone +49 (0) 7724 81-0

Fax +49 (0) 7724 81-1309

info2@de.ebmpapst.com

www.ebmpapst.com

Nominal data

Type	RG 160-28/12 N	
Nominal voltage	VDC	12
Nominal voltage range	VDC	7.5 .. 14
Speed	min ⁻¹	2850
Power input	W	21.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	209
Sound power level	B	6.6

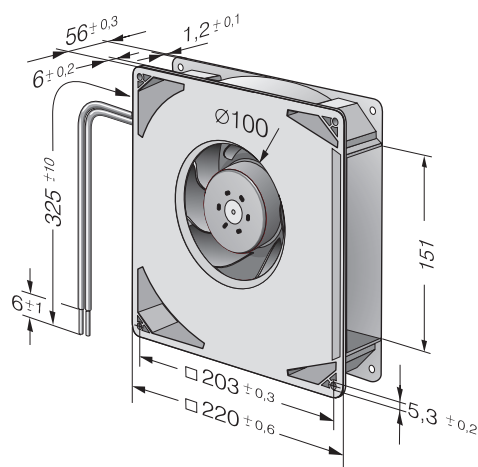
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations



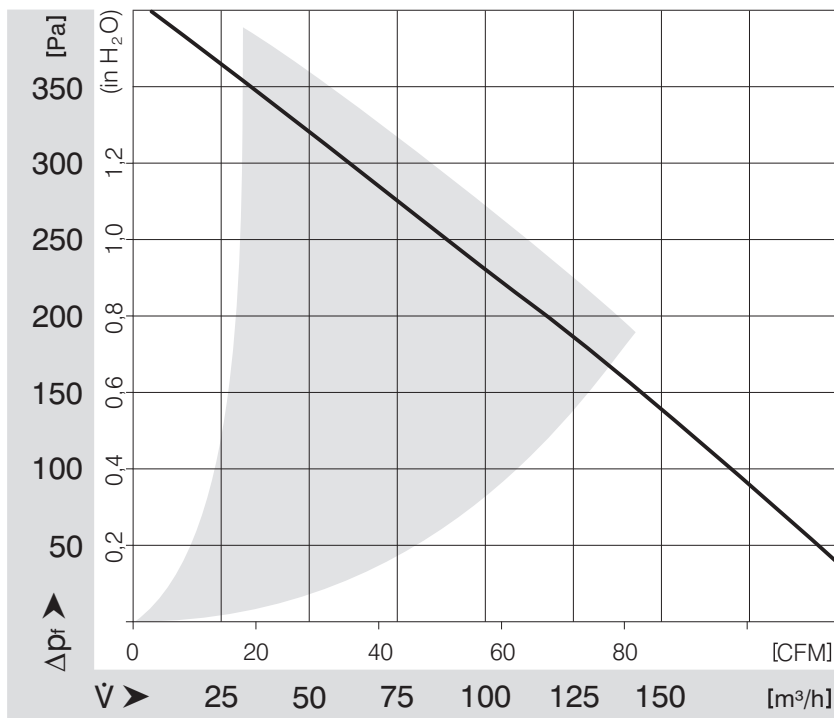
Technical features

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	With single strands AWG 22, TR 64
Motor protection	Protected against reverse polarity and locking.
Locked-rotor protection	With electronic overload protection
Approval	VDE, CSA, UL, CE
Option	Speed signal

Product drawing



Charts: Air flow



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