RER 160-28/12 N

DC centrifugal compact fan

single inlet



ebm-papst St. Georgen GmbH & Co. KG
Hermann-Papst-Straße 1
D-78112 St. Georgen
Phone +49 7724 81-0
Fax +49 7724 81-1309
info2@de.ebmpapst.com
www.ebmpapst.com

Nominal data

Type	RER 160-28/12 N	
Nominal voltage	VDC	12
Nominal voltage range	VDC	7 .. 14
Speed	min^{-1}	3000
Power input	W	19.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	225
Sound power level	B	6.4

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

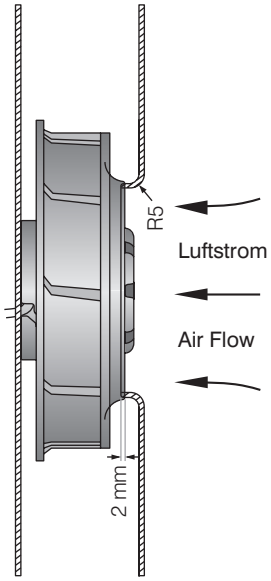
General description	Particular design features: Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customisable solution to meet the individual requirements of your application. Backward curved impeller. General features: Impeller made of fibreglass-reinforced plastic. Electronic commutation completely integrated. Protected against reverse polarity and locking. Direction of air flow radial, direction of rotation, seen on rotor: clockwise. Connection via single strands AWG 22, TR 64, bared and tin-plated. Mass: 590 g.
Mass	0.590 kg
Dimensions	165 Ø x 51 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.
Direction of rotation	Left, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	75000 h
Lifetime L10 at maximum temperature	35000 h
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL, CE

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Product drawing

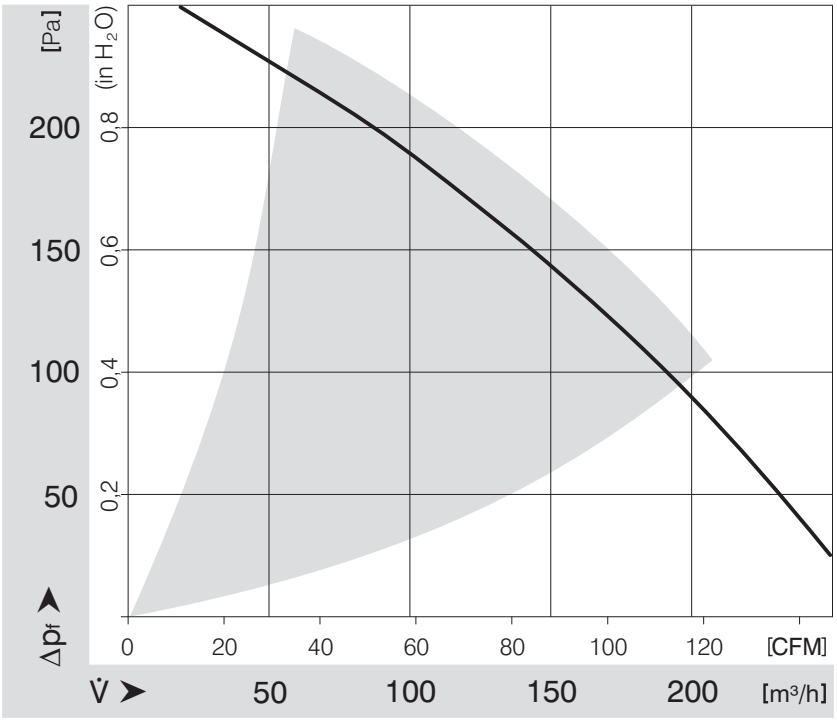


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Charts: Air flow



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