DC axial compact fan



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	414 J	
Nominal voltage	VDC	24
Nominal voltage range	VDC	18 .. 27
Speed	min^{-1}	10300
Power input	W	2.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	19
Sound power level	B	5.5
Sound pressure level	dB(A)	39

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

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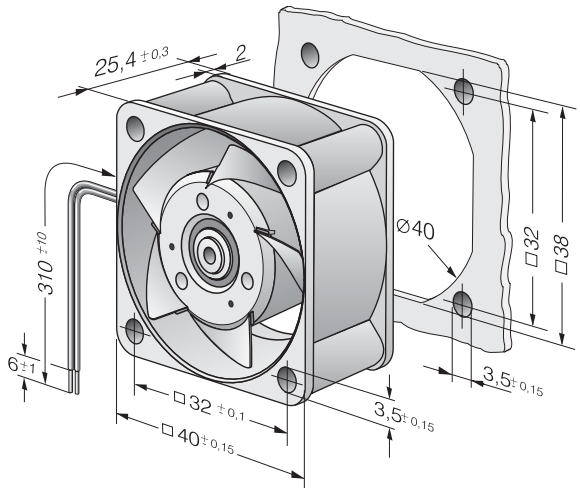
Technical features

General description	Particular design features: Rigid compression curve for high air flow at high counterpressure. Low operating noise level at high counterpressure. General features: Material: fibreglass-reinforced plastic. Impeller PA, housing PBT. Electronic commutation completely integrated. Protected against reverse polarity and locking. Connection via single strands AWG 26, TR 64, bared and tin-plated. Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor. Mass: 50 g.
Mass	0.050 kg
Dimensions	40 x 40 x 25 mm
Material of impeller	Fiberglass-reinforced PA plastic
Housing material	Fiberglass-reinforced PBT plastic
Direction of air flow	Air exhaust over bars
Direction of rotation	Left, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	60000 h
Lifetime L10 at maximum temperature	30000 h
Connection line	Single strands AWG 26, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL

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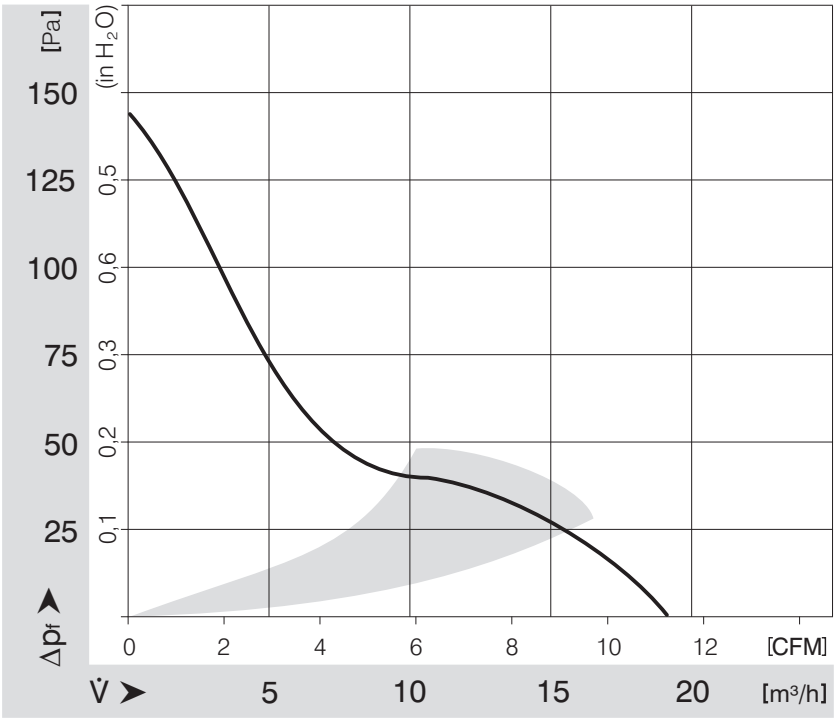
Product drawing



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Charts: Air flow



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