DC axial compact fan



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	4418 N	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 60
Speed	min^{-1}	3650
Power input	W	5.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	205
Sound power level	B	5.6
Sound pressure level	dB(A)	46

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

DC axial compact fan

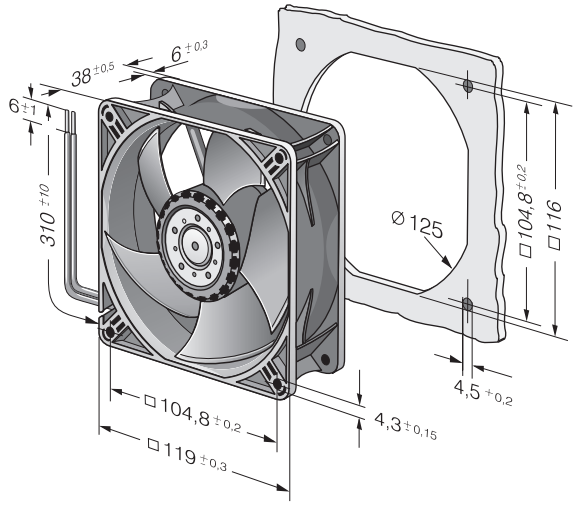
Technical features

Housing material	Fibreglass-reinforced plastic (PBT)
Impeller material	Fibreglass-reinforced plastic (PA)
Mass	0.250 kg
Dimensions	119 x 119 x 38 mm
Direction of air flow	Air exhaust over bars
Direction of rotation	Right, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	62500 h
Lifetime L10 at maximum temperature	30000 h
Connection line	Single strands AWG 24, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Option	Control inputs such as alarm and speed signals.

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

DC axial compact fan

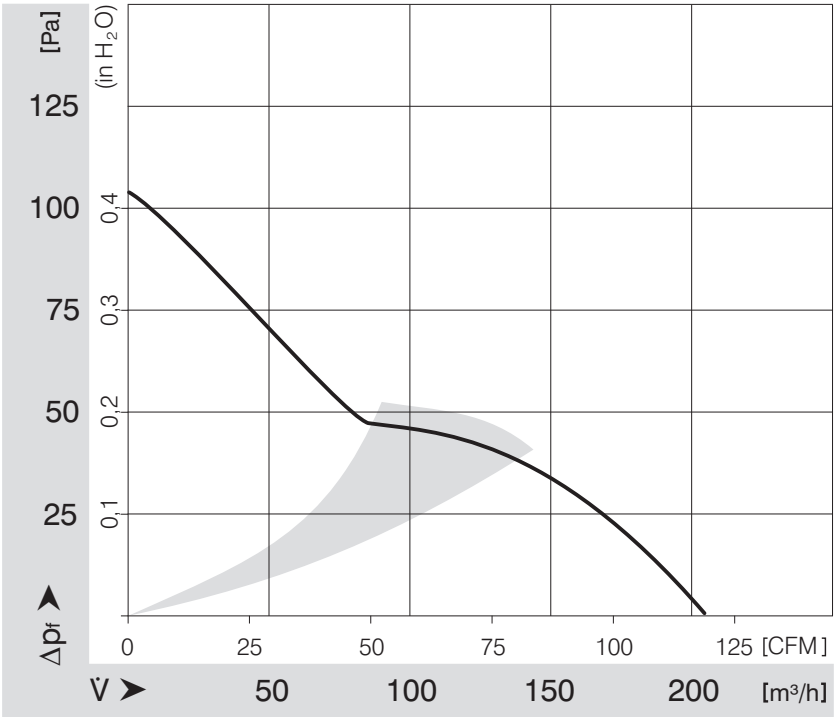
Product drawing



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

DC axial compact fan

Charts: Air flow



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