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	614 NHH	
Nominal voltage	VDC	24
Nominal voltage range	VDC	18 .. 26
Speed (rpm)	min^{-1}	6850
Power consumption	W	2.9
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	56
Sound power level	B	5.7
Sound pressure level	dB(A)	41

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change

DC axial compact fan

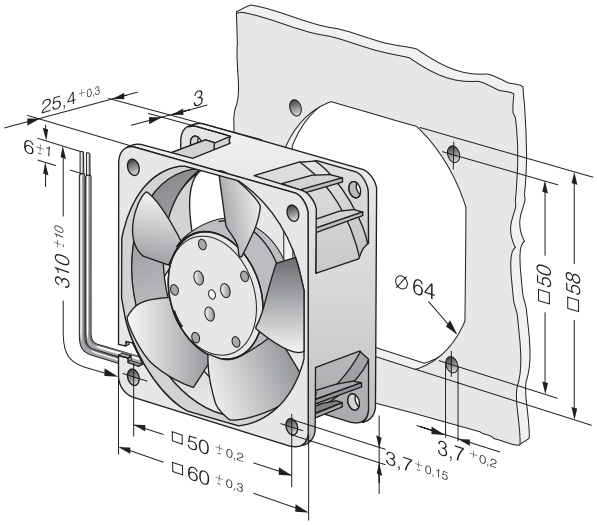
Technical description

Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.066 kg
Dimensions	60 x 60 x 25 mm
Airflow direction	Exhaust over struts
Direction of rotation	Clockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	60000 h
Service life L10 at maximum temperature	30000 h
Cable	Leads AWG 22, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	With electronic locked-rotor and overload protection
Approval	VDE, CSA, UL, CE
Option	Possible custom designs: Speed signal Go / No-go alarm Moisture protection Degree of protection: IP54 / IP68

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

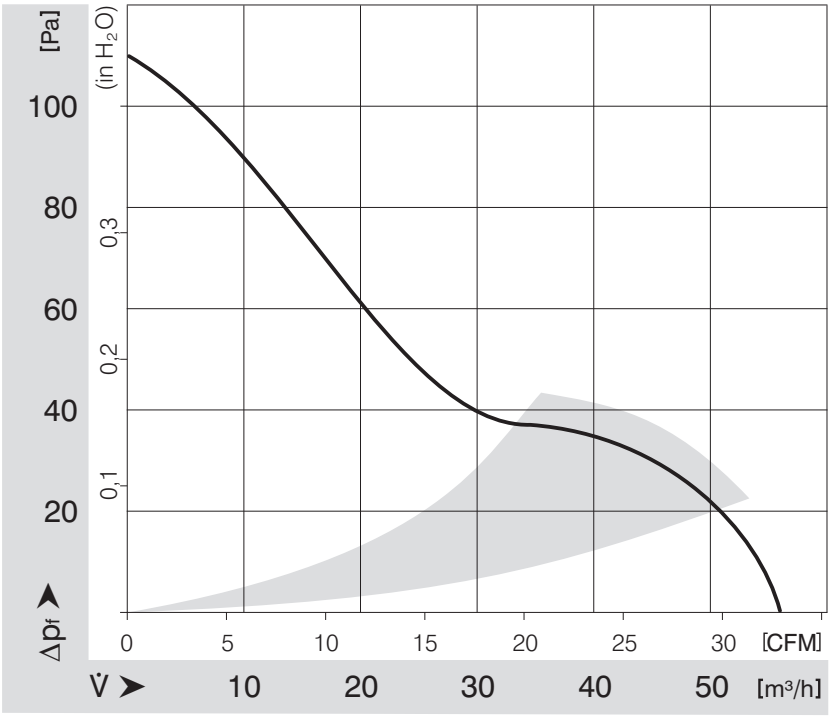
Product drawing



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

Curves: Air performance



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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

ebmpapst:

3806 8315100229 8315100283 G2E146-BF05-29 R2E180-AS77-40 7212N 4414FNH 4650X 7114NH
8315100059 A2D300-AD02-02 6248N 8312 8412N/2G-185 A2D170-AA04-01 LZ 30-5 PMFA80
RG160-28/14N W2S130-AA03-01 4600Z-881 G2E140-AI28-01 4314NHH 4412F/2M-504 4414 F/2M 4580 Z
4114N/2H4 4412 F/2 96358-2-4013 QG030-148/12 R2E175-AC77-05