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	612 FL	
Nominal voltage	VDC	12
Nominal voltage range	VDC	11.5 .. 13.2
Speed (rpm)	min^{-1}	2650
Power consumption	W	0.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	19
Sound power level	B	3.6
Sound pressure level	dB(A)	16

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

DC axial compact fan

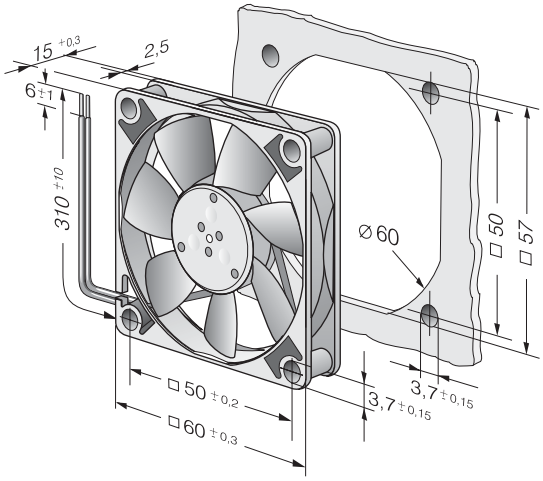
Technical description

Weight	0.030 kg
Dimensions	60 x 60 x 15 mm
Impeller material	Glass-fiber reinforced PA plastic
Housing material	Glass-fiber reinforced PBT plastic
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Sintec sleeve bearing
Service life L10 at 20 °C	50000 h
Service life L10 at 60 °C	20000 h
Cable	Leads AWG 28, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	Impedance protection
Approval	VDE, CSA, UL, CE
Option	Possible custom designs: Speed signal Go / No-go alarm PWM control input Moisture protection

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

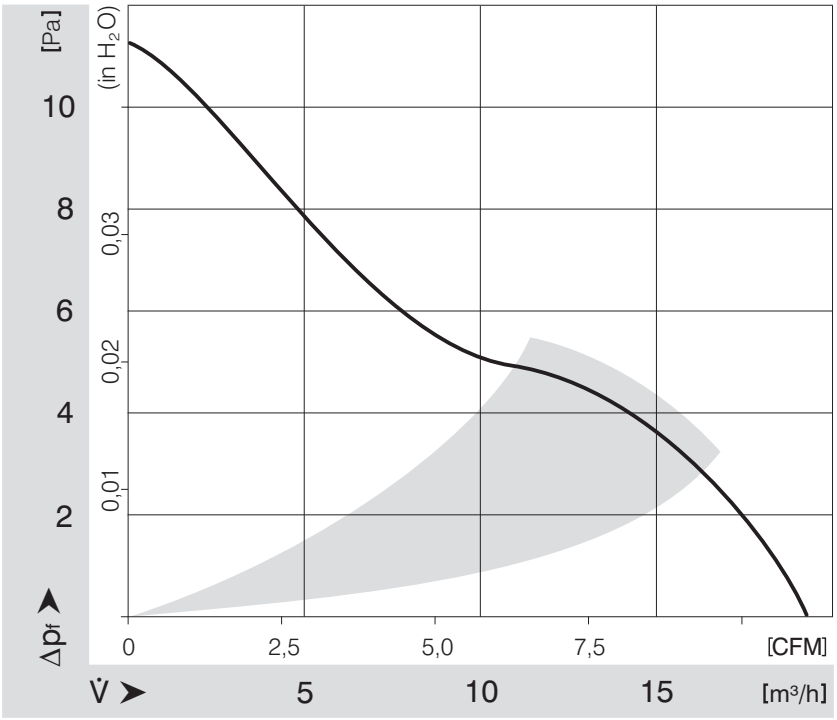
Product drawing



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:

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