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 NGMI	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 12.6
Speed (rpm)	min^{-1}	4100
Power consumption	W	1.7
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	65
Air flow	m^3/h	35
Sound power level	B	4.6
Sound pressure level	dB(A)	28

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

DC axial compact fan

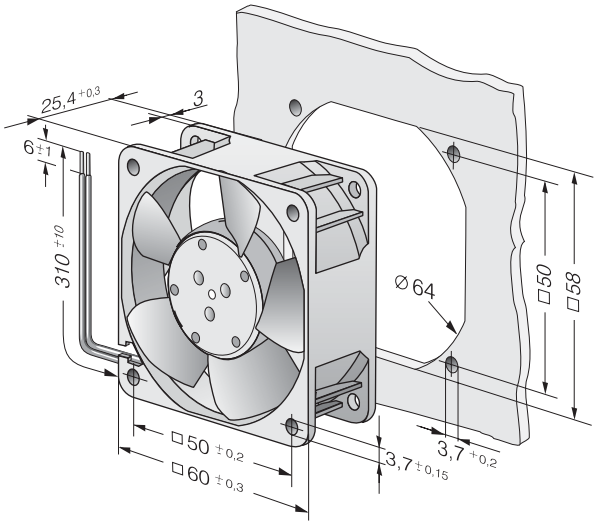
Technical description

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	Sintec sleeve bearing
Service life L10 at 40 °C	80000 h
Service life L10 at maximum temperature	45000 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 External temperature sensor Internal temperature sensor 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

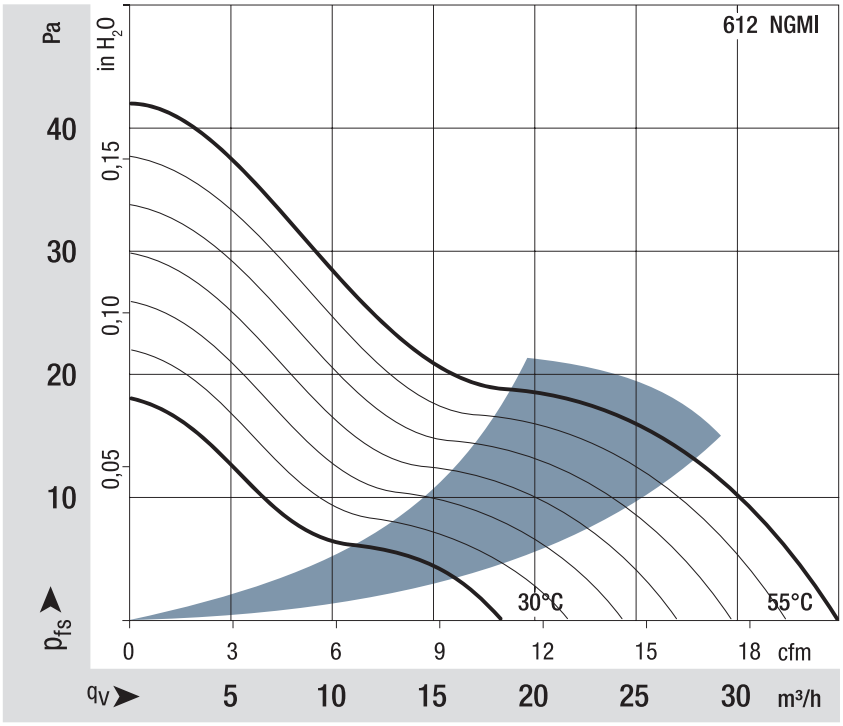
Product drawing



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:

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