

712 F

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	712 F	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 13.8
Speed	min ⁻¹	5300
Power input	W	1.7
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	44
Sound power level	B	5.3
Sound pressure level	dB(A)	38

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



Technical features

General description	<p>Particular design features: Very rigid compression curve for high air flow at high counterpressure. Low operating noise level when there is a high pressure saddle curve.</p> <p>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 24 to AWG 28, TR 64, bared and tin-plated. Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor. Mass: 53 g.</p>
Mass	0.053 kg
Dimensions	70 x 70 x 15 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	Sintec sleeve bearing
Lifetime L10 at 40 °C	60000 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.
Locked-rotor protection	Blocking and overload protection
Approval	VDE, CSA, UL, CE

Charts: Air flow

