4312 MT

DC axial 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	4312 MT	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 15
Speed	min^{-1}	2300
Power input	W	3.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	65
Air flow	m^3/h	138
Sound power level	B	5.3
Sound pressure level	dB(A)	39

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

DC axial fan

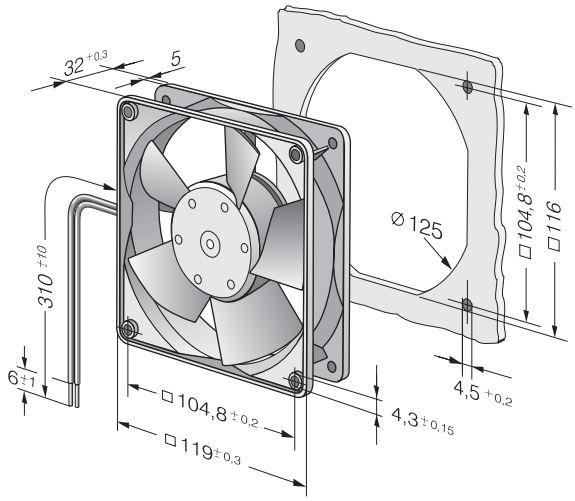
Technical features

General description	Particular design features: Open loop speed control via external temperature sensor. Automatic adaptation of the speed to the cooling requirement. 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, TR 64, bared and tin-plated. Air exhaust over bars. Rotational direction clockwise looking at rotor. Mass: 220 g.
Mass	0.22 kg
Dimensions	119 x 119 x 32 mm
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	40000 h

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

DC axial fan

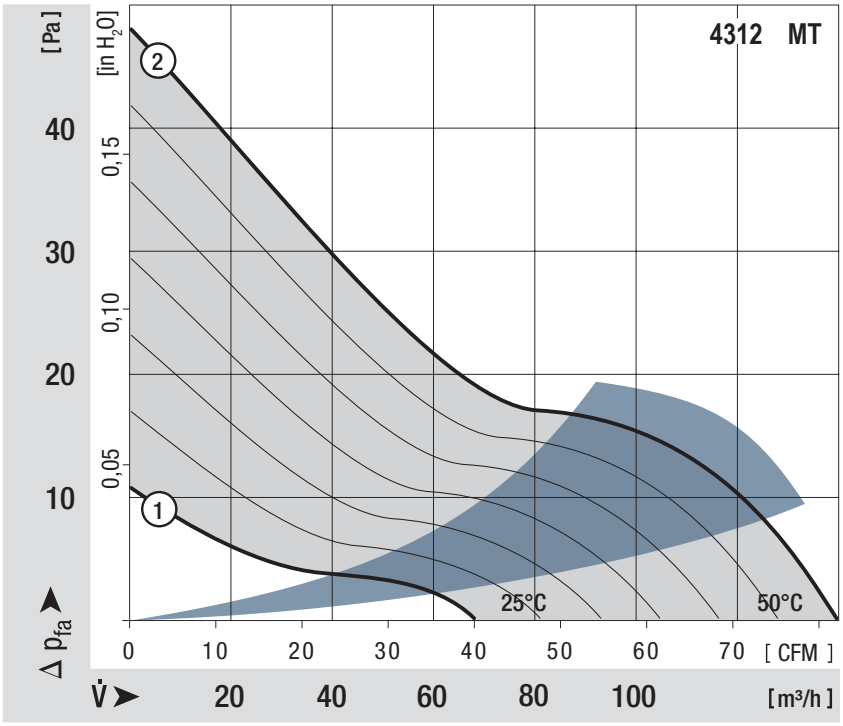
Product drawing



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

DC axial fan

Charts



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