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	3218 JH4	
Nominal voltage	VDC	48
Nominal voltage range	VDC	20 .. 58
Speed	min^{-1}	13000
Power input	W	50
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	280
Sound power level	B	8.2
Sound pressure level	dB(A)	73

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

DC axial compact fan

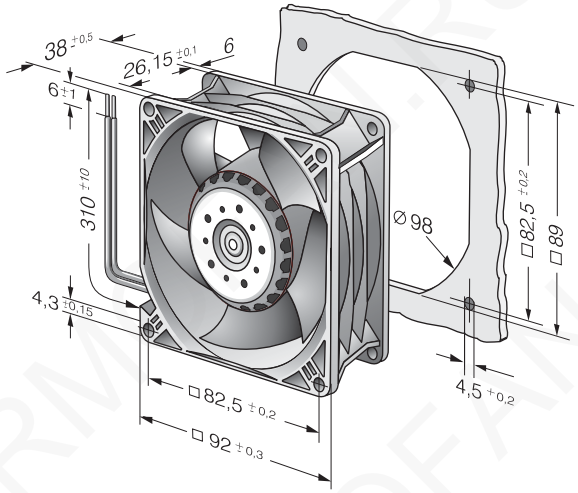
Technical features

General description	* Free air power consumption, these values may be considerably higher at the operating point.
Housing material	Fibreglass-reinforced plastic (PBT)
Impeller material	Fibreglass-reinforced plastic (PA)
Mass	0.280 kg
Dimensions	92 x 92 x 38 mm
Direction of air flow	Air exhaust over bars
Direction of rotation	Right, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	60000 h
Lifetime L10 at maximum temperature	30000 h
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL
Option	Speed signal

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

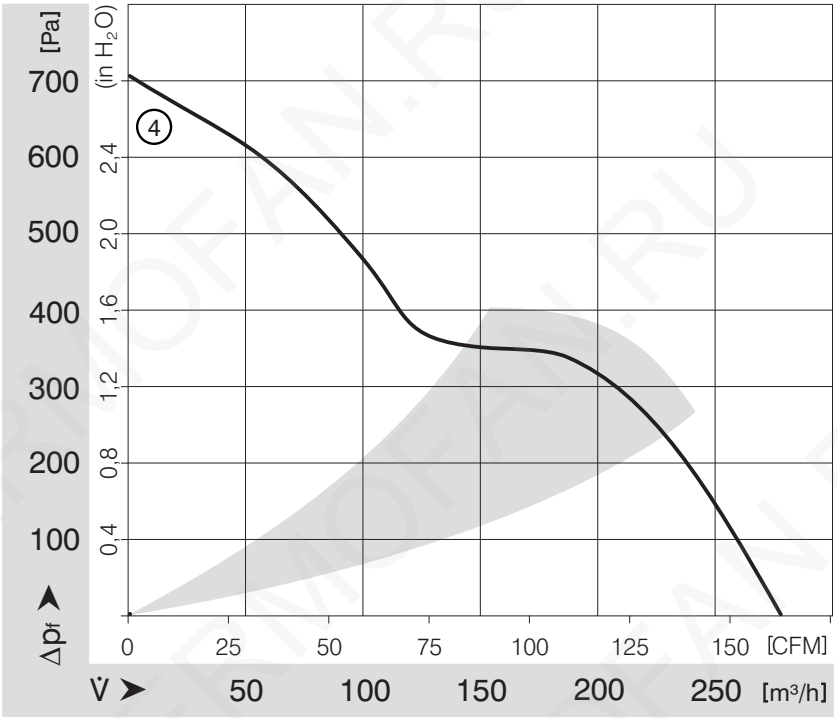


ebm-papst St. Georgen GmbH & Co. KG · Hermann-Papst-Str. 1 · D-78112 St. Georgen · Phone +49 (0) 7724 81-0 · Fax +49 (0) 7724 81-1309 · info2@de.ebmpapst.com · www.ebmpapst.com

TERMOFAN.RU

DC axial compact fan

Charts: Air flow



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

TERMOFAN.RU