

3412 NH

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	3412 NH	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 15
Speed	min ⁻¹	3000
Power input	W	2.1
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	94
Sound power level	B	5.0
Sound pressure level	dB(A)	36

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

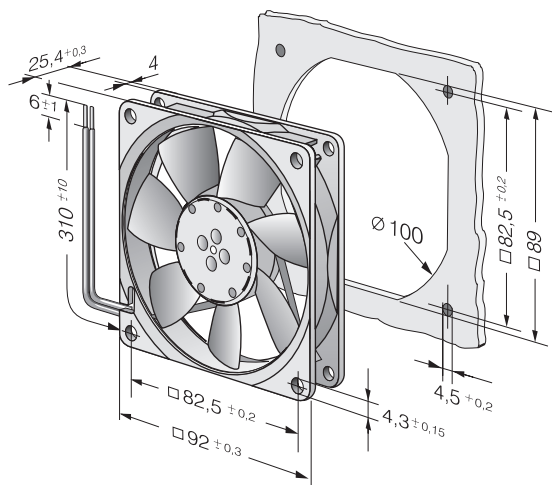


Technical features

Mass	0.100 kg
Dimensions	92 x 92 x 25 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	Ball bearings
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	35000 h
Connection line	Single strands AWG 24, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL



Product drawing



Charts: Air flow

