

**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	3312 G	
Nominal voltage	VDC	12
Nominal voltage range	VDC	6 .. 15
Speed	min ⁻¹	3000
Power input	W	2.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m ³ /h	80
Sound power level	B	5.2
Sound pressure level	dB(A)	37

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



Technical features

Dimensions	92 x 92 x 32 mm
General description	Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customisable solution to meet the individual requirements of your application. Electronic commutation completely integrated.
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Direction of rotation	Right, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Sintec sleeve bearing
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	30000 h
Mass	0.190 kg
Housing material	Fiberglass-reinforced PBT plastic
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL

DC axial compact fan

Technical drawing of the cooling fan assembly showing dimensions and tolerances:

- Top view dimensions: $32^{+0,3}$, 5 , $\square 82,5^{+0,2}$, $\square 92^{+0,3}$.
- Side view dimensions: 310^{+10} , 6^{+1} , $4,3^{+0,15}$, $4,5^{+0,2}$.
- Front view dimensions: $\varnothing 108$, $\square 88$.

Charts: Air flow

