

**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

sales@fansco.com

www.fansco.com

Nominal data

Type	4312-179	
Nominal voltage	VDC	12
Nominal voltage range	VDC	6 .. 13.2
Speed (rpm)	min ⁻¹	3400
Power consumption	W	9.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	65
Air flow	m ³ /h	204
Sound power level	B	6.4
Sound pressure level	dB(A)	51

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.220 kg
Dimensions	119 x 119 x 32 mm
Airflow direction	Exhaust over struts
Direction of rotation	Clockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	47500 h
Service life L10 at maximum temperature	27500 h
Cable	Leads AWG 22, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	Locked-rotor and overload protection
Approval	VDE, CSA, CE
Option	Vario-Pro



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

- Top view dimensions: $32^{+0.3}$ (width of mounting tabs), 5 (width of mounting tabs), $\varnothing 125$ (fan diameter).
- Side view dimensions: 310 ± 10 (total height), 6 ± 1 (height of mounting tabs), $104,8 \pm 0,2$ (height of fan frame), 116 (height of mounting tabs), $4,3 \pm 0,15$ (height of mounting tabs), $4,5 \pm 0,2$ (height of mounting tabs).
- Bottom view dimensions: $104,8 \pm 0,2$ (width of fan frame), $119 \pm 0,3$ (width of mounting tabs).

Curves: Air performance

