

4412 /2HHP

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

Nominal data

Type	4412 /2HHP	
Nominal voltage	VDC	12
Nominal voltage range	VDC	7 .. 14.5
Status		prelim.
Speed (rpm)	min ⁻¹	5000
Power consumption	W	13
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	285
Sound power level	B	6.4
Sound pressure level	dB(A)	55

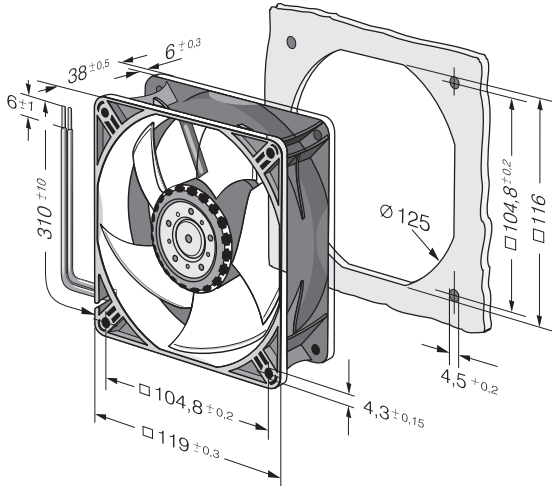
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.250 kg
Dimensions	119 x 119 x 38 mm
Airflow direction	Exhaust over struts
Direction of rotation	Clockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	50000 h
Service life L10 at maximum temperature	25000 h
Cable	Leads AWG 24, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Option	Control inputs and alarm and speed signals.

Product drawing



Curves: Air performance

