

4412 H

DC axial compact fan

sickle-shaped blades (S series)



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	4412 H	
Nominal voltage	VDC	12
Nominal voltage range	VDC	7 .. 14
Speed (rpm)	min ⁻¹	4300
Power consumption	W	8.6
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	240
Sound power level	B	6.0
Sound pressure level	dB(A)	50

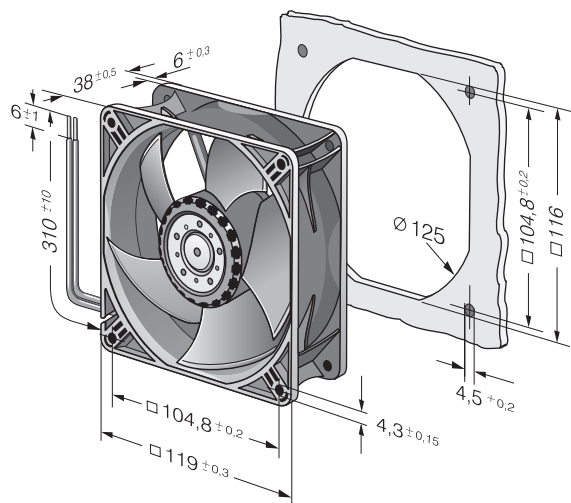
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



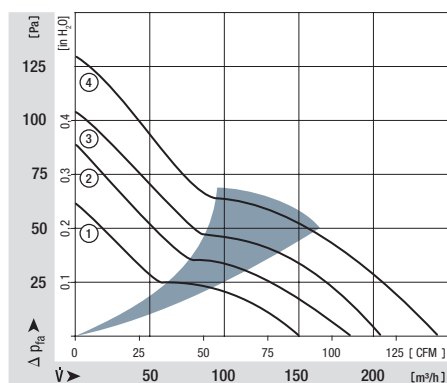
Technical description

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	57500 h
Service life L10 at maximum temperature	27500 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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ebm-papst:](#)

[4412H](#)