DC axial compact fan

sickle-shaped blades (S series)



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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

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Technical description

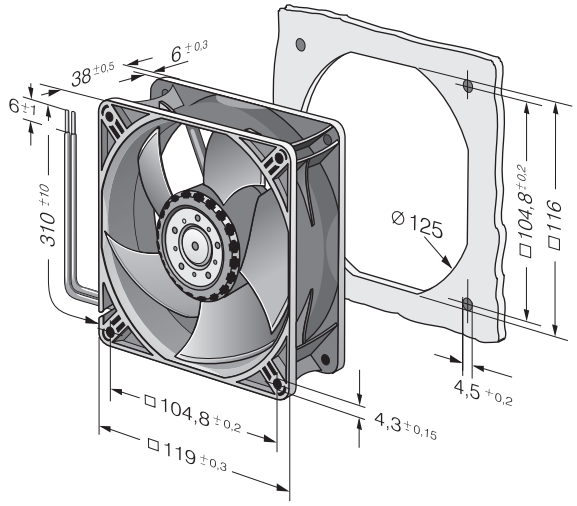
Weight	0.250 kg
Dimensions	119 x 119 x 38 mm
Impeller material	Glass-fiber reinforced PA plastic
Housing material	Glass-fiber reinforced PBT plastic
Airflow direction	Exhaust over struts
Direction of rotation	Clockwise, viewed toward rotor
Bearing	Ball bearing
Service life L10 at 40 °C	57500 h
Service 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.

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Product drawing

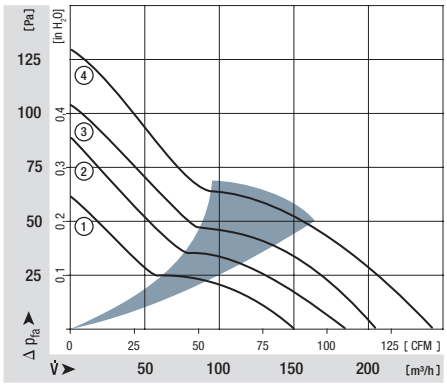


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Curves

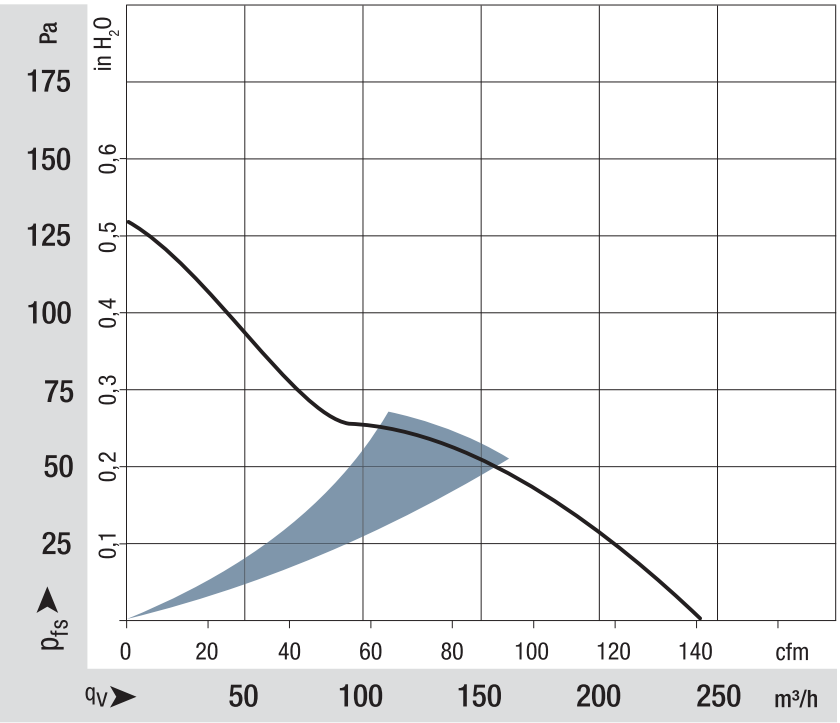


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Curves: Air performance



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