DC axial compact fan



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Nominal data

Type	4418 L

Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 60
Speed	min^{-1}	2700
Power input	W	2.5
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m^3/h	150
Sound power level	B	5.0
Sound pressure level	dB(A)	37

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

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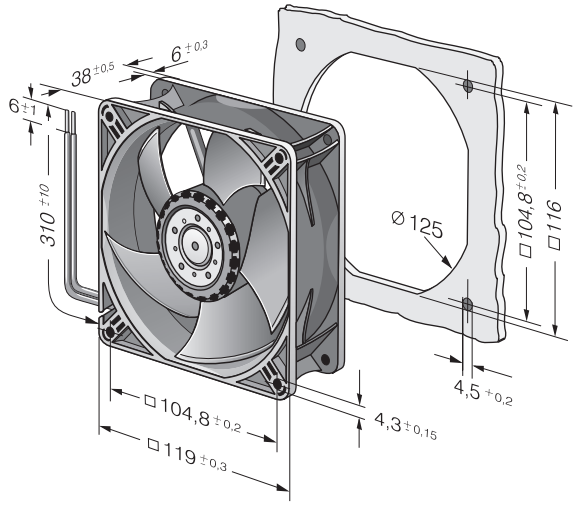
Technical features

Housing material	Fibreglass-reinforced plastic (PBT)
Impeller material	Fibreglass-reinforced plastic (PA)
Mass	0.250 kg
Dimensions	119 x 119 x 38 mm
Direction of air flow	Air exhaust over bars
Direction of rotation	Right, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	67500 h
Lifetime L10 at maximum temperature	27500 h
Connection line	Single strands AWG 24, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Option	Control inputs such as alarm and speed signals.

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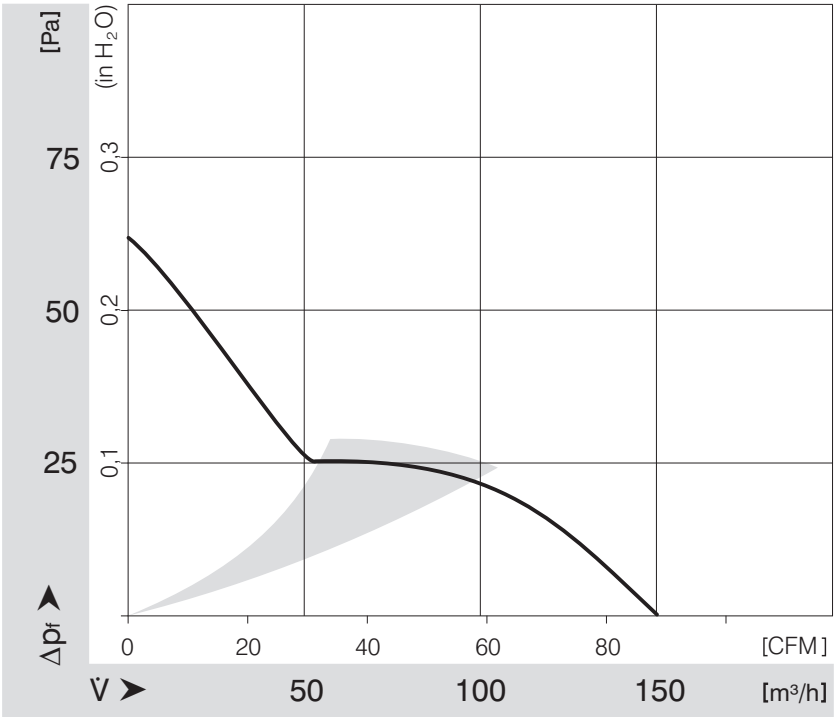
Product drawing



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Charts: Air flow



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