4418 H

DC axial compact fan



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Nominal data

Type	4418 H	
Nominal voltage	[VDC]	48
Nominal voltage range	[VDC]	36 .. 60
Speed	[min^{-1}]	4300
Power input	[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 · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

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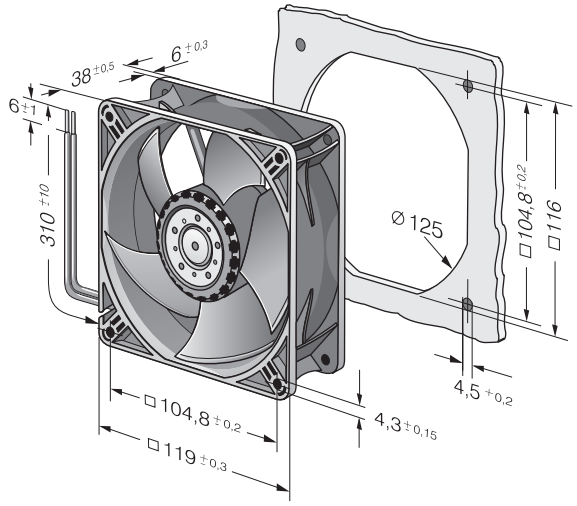
Technical features

Dimensions	119 x 119 x 38 mm
General description	Innovative impeller with winglets for low noise. Electronic commutation completely integrated.
Connection line	Single strands AWG 24, TR 64, bared and tin-plated.
Direction of protection	Right, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	57500 h
Lifetime L10 at maximum temperature	27500 h
Mass	0.250 kg
Housing material	Fiberglass-reinforced PBT plastic
Material of impeller	Fiberglass-reinforced PBT plastic
Motor protection	Protected against reverse polarity and locking.
Option	Control inputs such as alarm and speed signals.

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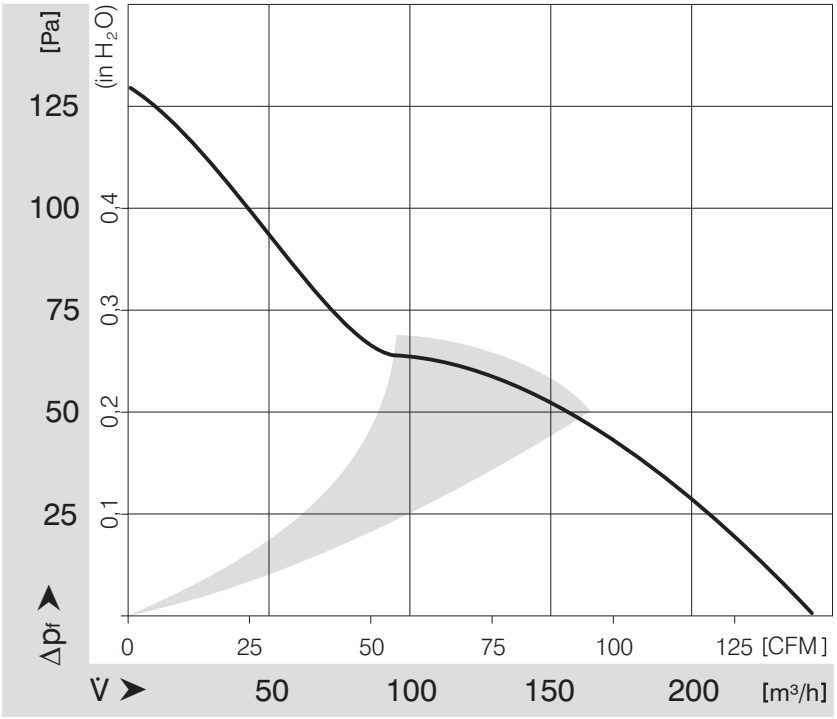
Product drawing



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Charts: Air flow



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