4418 N

DC axial compact fan



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Nominal data

Type	4418 N	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 60
Speed	min^{-1}	3650
Power input	W	5.2
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	205
Sound power level	B	5.6
Sound pressure level	dB(A)	46

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

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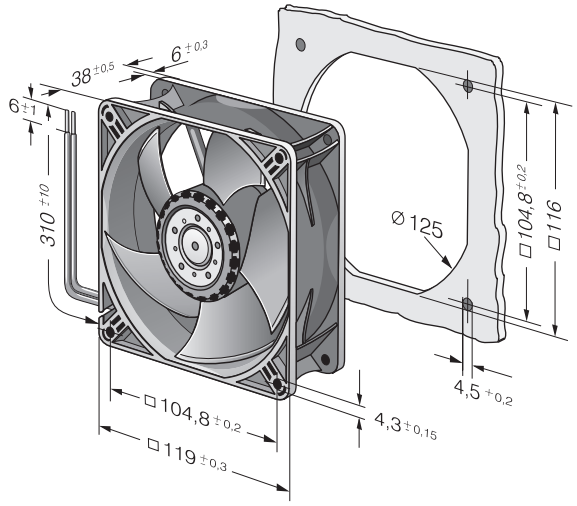
Technical features

Dimensions	119 x 119 x 38 mm
General description	Particular design features: Innovative impeller with winglets for low noise. Control inputs and alarm and speed signals available on request. High-speed version with 5000 rpm, standard models available with /2 and PWM. General features: Material: fibreglass-reinforced plastic. Impeller PA, housing PBT. Electronic commutation completely integrated. Protected against reverse polarity and locking. Connection via single strands AWG 24, TR 64, bared and tin-plated. Air exhaust over bars. Rotational direction clockwise looking at rotor. Mass: 270 g.
Connection line	Single strands AWG 24, TR 64, bared and tin-plated.
Direction of rotation	Right, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	62500 h
Lifetime L10 at maximum temperature	30000 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.

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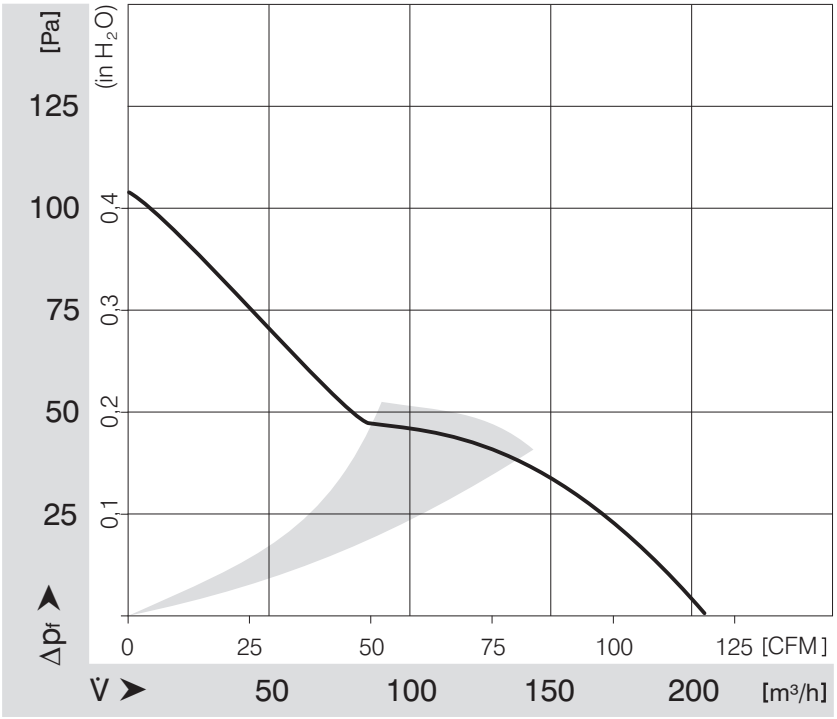
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Product drawing



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Charts: Air flow



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