DC axial compact fan



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Nominal data

Type	4418 F	
Nominal voltage	VDC	48
Nominal voltage range	VDC	28 .. 53
Speed (rpm)	min^{-1}	2900
Power consumption	W	5.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	60
Air flow	m^3/h	170
Sound power level	B	5.3
Sound pressure level	dB(A)	43

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

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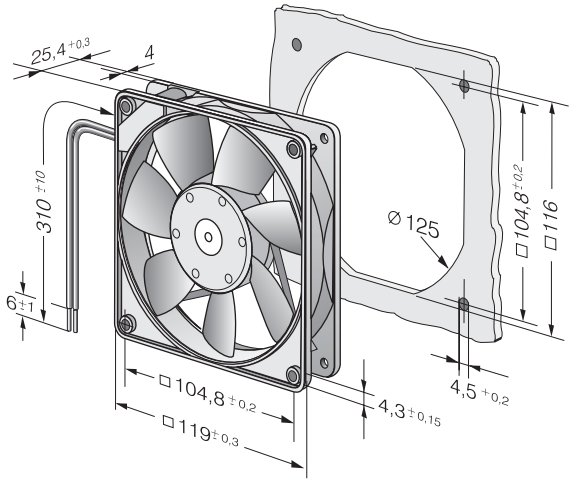
Technical description

Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.175 kg
Dimensions	119 x 119 x 25 mm
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	60000 h
Service life L10 at maximum temperature	37500 h
Cable	Leads AWG 24, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	Locked-rotor and overload protection
Approval	VDE, CSA, UL, CE
Option	Speed signal, alarm signal

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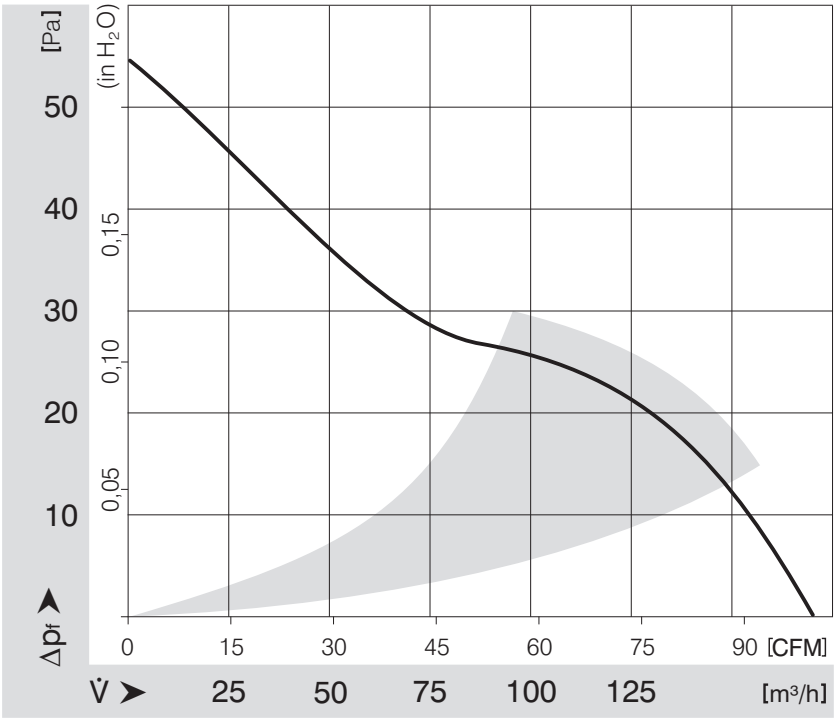
Product drawing



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Curves: Air performance



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