DC axial compact fan

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Nominal data

Type	412 H	
Nominal voltage	VDC	12
Nominal voltage range	VDC	10 .. 14
Speed (rpm)	min^{-1}	8100
Power consumption	W	1.6
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	60
Air flow	m^3/h	13.5
Sound power level	B	4.7
Sound pressure level	dB(A)	29

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	0.027 kg
Dimensions	40 x 40 x 20 mm
Impeller material	Glass-fiber reinforced PA plastic
Housing material	Glass-fiber reinforced PBT plastic
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Sintec sleeve bearing
Service life L10 at 20 °C	45000 h
Service life L10 at 60 °C	17500 h
Cable	Leads AWG 28, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Approval	VDE, CSA, UL
Option	Possible custom designs: Speed signal Go / No-go alarm PWM control input Moisture protection

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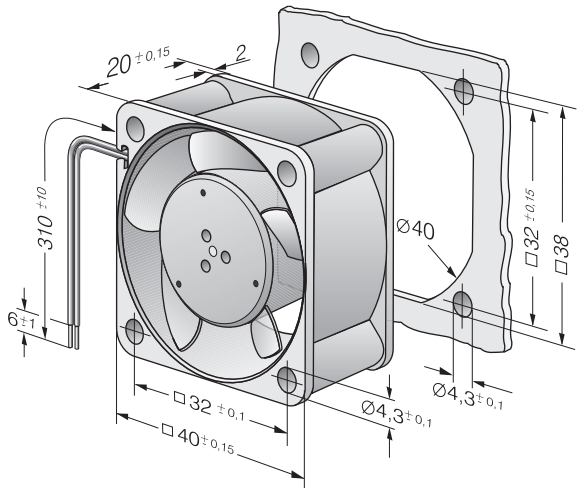
Product drawing



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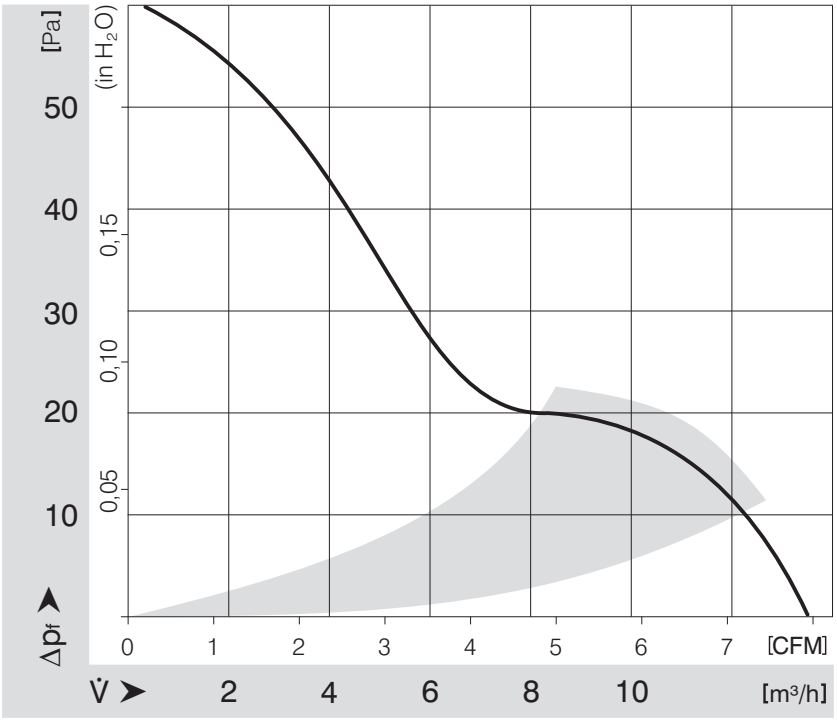
Curves: Air performance



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