DC axial compact fan



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Nominal data

Type	712 F	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 13.8
Speed (rpm)	min^{-1}	5300
Power consumption	W	1.7
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	44
Sound power level	B	5.3
Sound pressure level	dB(A)	38

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

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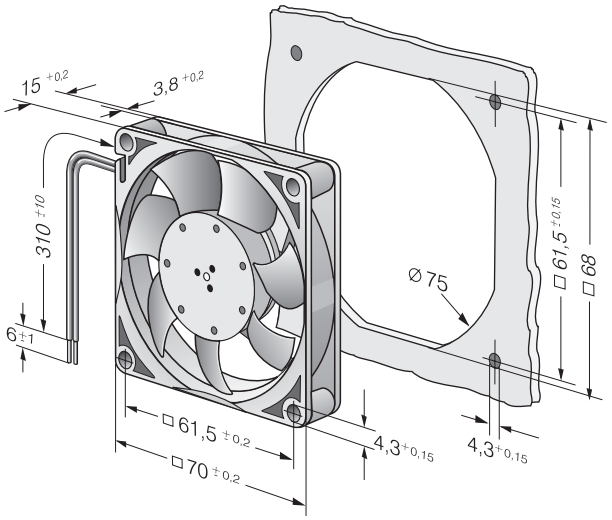
Technical description

Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.053 kg
Dimensions	70 x 70 x 15 mm
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Sintec sleeve bearing
Service life L10 at 40 °C	60000 h
Service life L10 at maximum temperature	30000 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	Possible custom designs: Speed signal Go / No-go alarm Moisture protection

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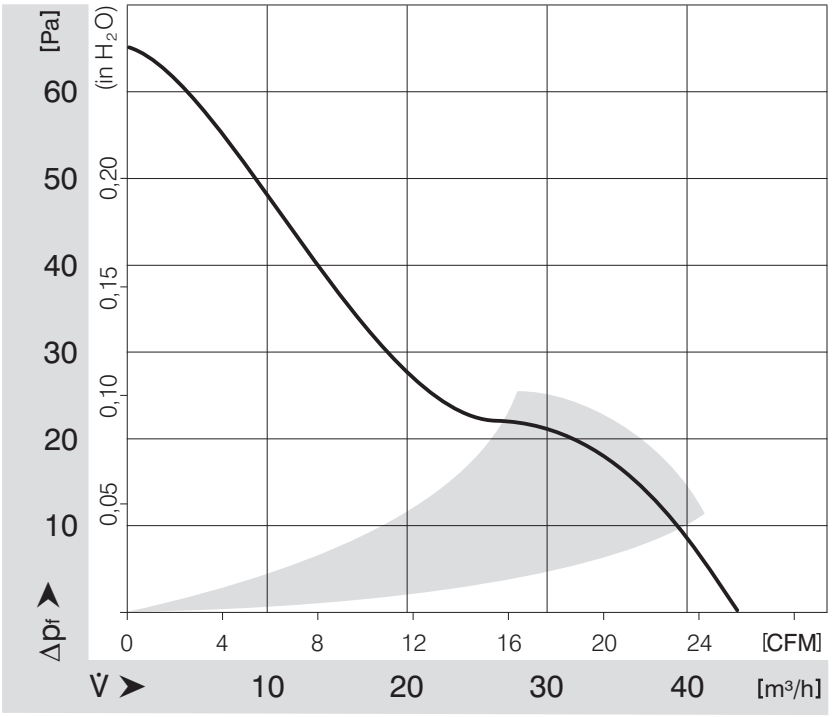
Product drawing



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Curves: Air performance



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