DC axial compact fan



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Nominal data

Type	3412 NGV	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 12.6
Speed	min^{-1}	2700
Power input	W	2.5
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	84
Sound power level	B	4.7
Sound pressure level	dB(A)	32

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

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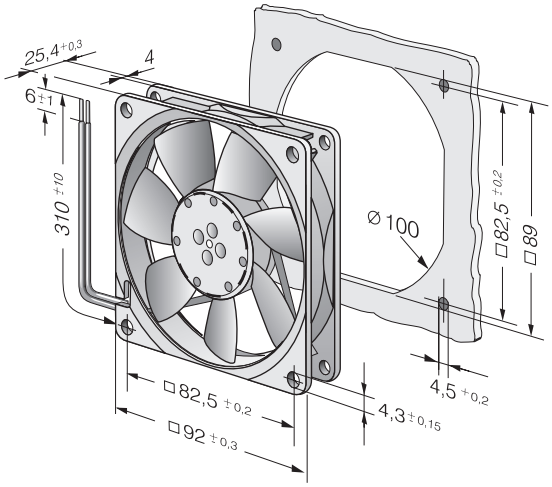
Technical features

Dimensions	92 x 92 x 25 mm
General description	Particular design features: Open loop speed control via external or internal temperature sensor. Automatic adaptation of the speed to the cooling requirement. 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. Direction of rotation counter-clockwise seen on rotor. Mass: 100 g.
Connection line	Single strands AWG 24, TR 64, bared and tin-plated.
Direction of rotation	Left, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Sintec sleeve bearing
Lifetime L10 at 40 °C	75000 h
Lifetime L10 at maximum temperature	37500 h
Mass	0.100 kg
Housing material	Fiberglass-reinforced PBT plastic
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL

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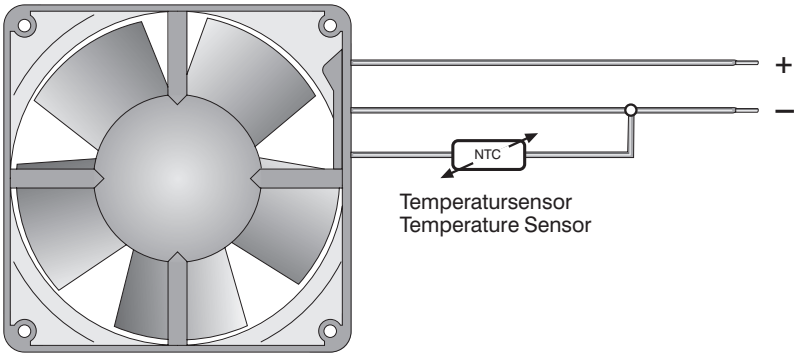
Product drawing



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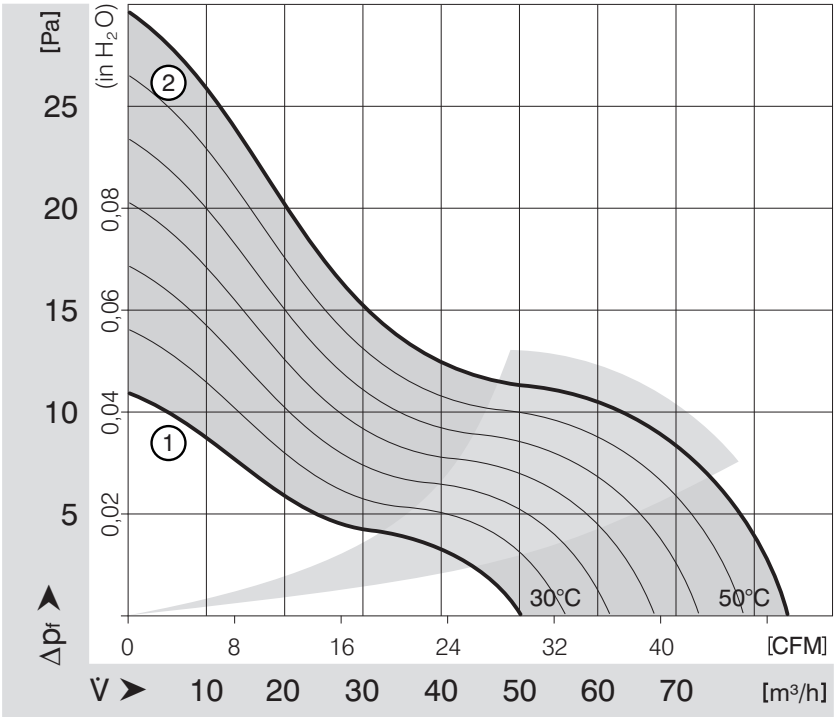
Connection screen



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Charts: Air flow



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