DC axial compact fan



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Nominal data

Type	624 H	
Nominal voltage	VDC	24
Nominal voltage range	VDC	18 .. 28
Speed	min^{-1}	6850
Power input	W	2.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	46
Sound power level	B	5.1
Sound pressure level	dB(A)	39

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

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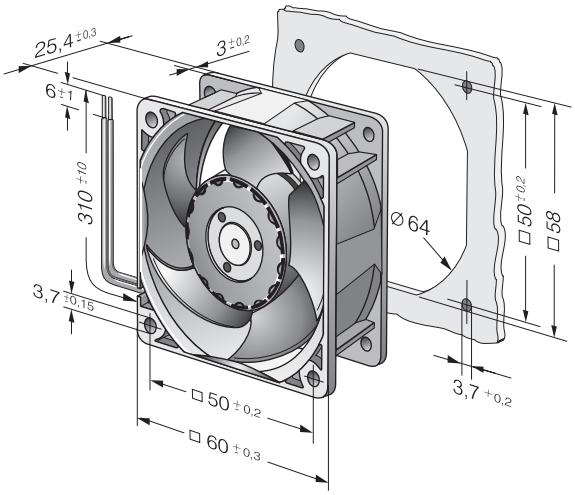
Technical features

General description	Particular design features: Rigid compression curve for high air flow at high counterpressure. Motor has very low structure-borne noise. Innovative impeller with winglets for low noise. Control inputs and alarm and speed signals available on request. 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 22, TR 64, bared and tin-plated. Air exhaust over bars. Rotational direction clockwise looking at rotor. Mass: 85 g.
Mass	0.085 kg
Dimensions	60 x 60 x 25 mm
Material of impeller	Fiberglass-reinforced PA plastic
Housing material	Fiberglass-reinforced PBT plastic
Direction of air flow	Air exhaust over bars
Direction of rotation	Right, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	35000 h
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Locked-rotor protection	With electronic blocking and overload protection
Approval	VDE, CSA, UL, CE

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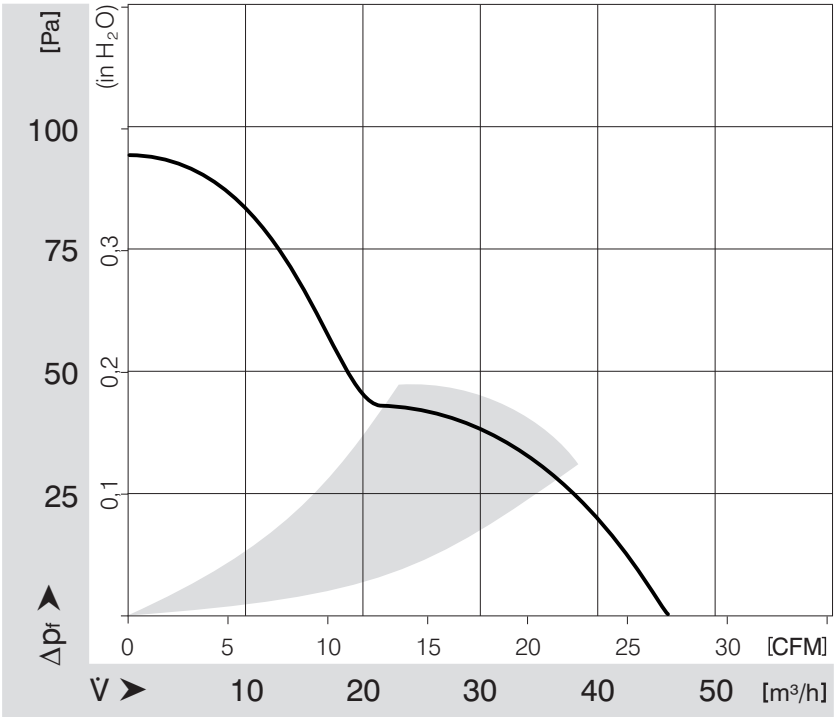
Product drawing



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Charts: Air flow



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