AC 6100 NM

AC axial compact fan



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Nominal data

Type	AC 6100 NM	
Nominal voltage range	VAC	85 .. 265
Frequency	Hz	50/60
Speed	min^{-1}	2850
Power input	W	14
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m^3/h	350
Sound power level	B	6.1
Sound pressure level	dB(A)	52

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

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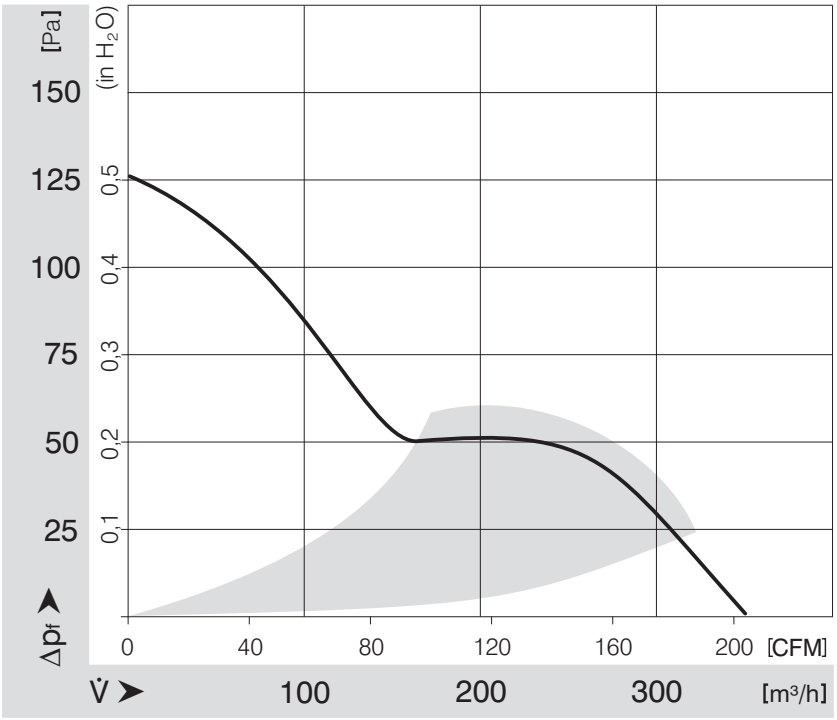
Technical features

Dimensions	172 Ø x 51 mm
General description	Particular design features: Can be used universally for all supply voltages between 85 and 265 VAC, 50-60 Hz. Fan speed independent of the power frequency. Significantly reduced power consumption compared to conventional AC voltage fans. Open loop speed control, sensor and alarm signal available on request. General features: Material: housing and impeller made of fibreglass-reinforced PA. Electronic commutation completely integrated. Protected against locking. Connection via single strands AWG 22, TR 64, bared and tin-plated. Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor. Mass: 760 g.
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Direction of rotation	Clockwise, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	80000 h
Lifetime L10 at maximum temperature	37500 h
Mass	0.760 kg
Housing material	Aluminum. Housing with grounding lug for screws M4 x 8 (TORX).
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.

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Charts: Air flow



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