REF 100-11/12

DC centrifugal compact fan

single inlet



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Nominal data

Type	REF 100-11/12	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 15
Speed	min^{-1}	5400
Power input	W	7.5
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m^3/h	86
Sound power level	B	6.3

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

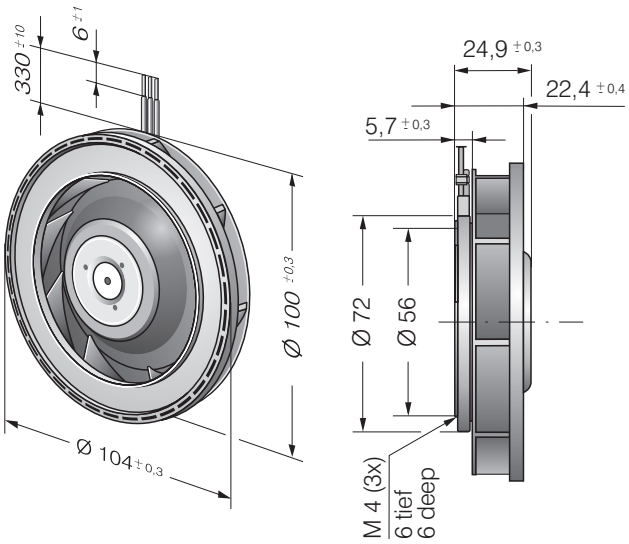
Mass	0.160 kg
Dimensions	100 Ø x 25 mm
Material of impeller	Fiberglass-reinforced plastic
Housing material	Scroll housing of fiberglass-reinforced plastic.
Direction of air flow	Axial air intake, centrifugal air exhaust out of the outlet.
Direction of rotation	Right, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	80000 h
Lifetime L10 at maximum temperature	30000 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	CE

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Product drawing

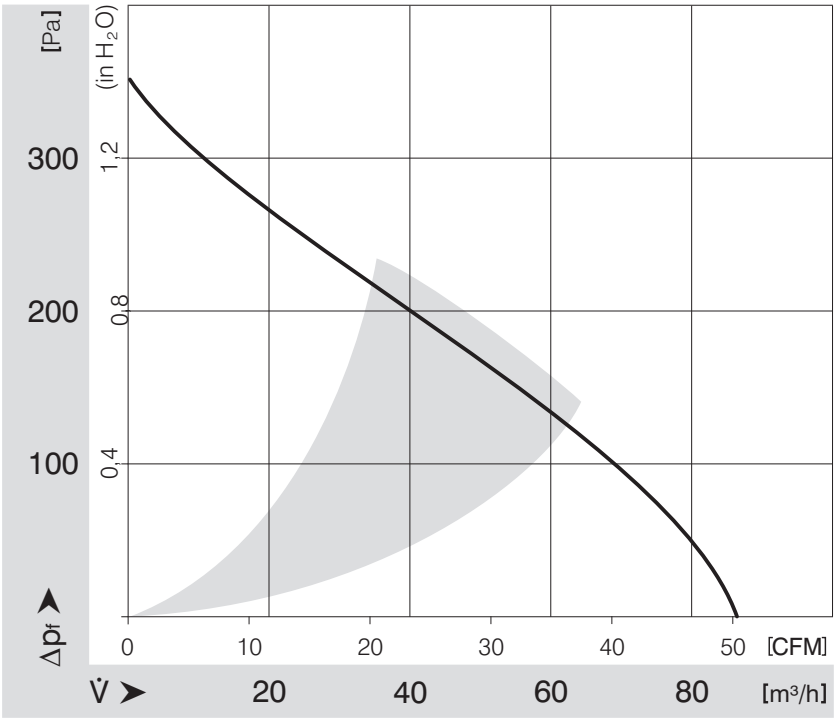


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Charts: Air flow



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