

REF 100-11/14

DC centrifugal compact fan

single inlet



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Nominal data

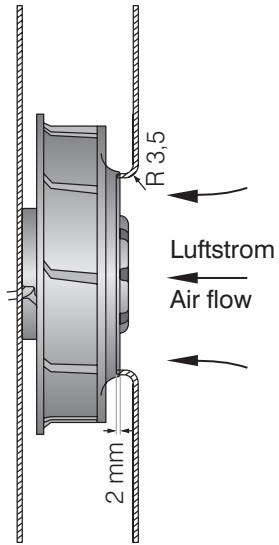
Type	REF 100-11/14	
Nominal voltage	[VDC]	24
Nominal voltage range	[VDC]	16 .. 30
Speed	[min ⁻¹]	5400
Power input	[W]	7.5
Min. ambient temperature	[°C]	-20
Max. ambient temperature	[°C]	75
Air flow	[m ³ /h]	86
Sound power level	[B]	6.3

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

Technical features

Dimensions	100 Ø x 25 mm
General description	Pressure-optimized blower. Very flat and high-performance centrifugal fan. Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customizable solution to meet the individual requirements of your application. Backward curved impeller. Electronic commutation completely integrated.
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Locked-rotor protection	With electronic blocking and overload protection
Direction of protection	Right, looking at rotor
Direction of air flow	Axial air intake, centrifugal air exhaust out of the outlet.
Bearing	Ball bearings
Lifetime L10 at 40 °C	80000 h
Lifetime L10 at maximum temperature	30000 h
Mass	0.160 kg
Housing material	Scroll housing of fiberglass-reinforced plastic.
Material of impeller	Fiberglass-reinforced plastic
Motor protection	Protected against reverse polarity and locking.
Option	Speed signal
Approval	CE

Product drawing



Charts: Air flow

