

7214 N

DC axial compact fan



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Nominal data

Type	7214 N	
Nominal voltage	VDC	24
Nominal voltage range	VDC	12 .. 30
Speed (rpm)	min ⁻¹	3050
Power consumption	W	12.0
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	72
Air flow	m ³ /h	360
Sound power level	B	6.2
Sound pressure level	dB(A)	53

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

General description	* Power consumption when wide open; these values may be considerably higher at the operating point.
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.725 kg
Dimensions	Ø 150 x 55 mm
Housing material	Die-cast aluminum
Airflow direction	Exhaust over struts
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	80000 h
Service life L10 at maximum temperature	37500 h
Cable	Leads AWG 22, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	Electronic locked-rotor protection
Approval	VDE, CSA, UL, CE
Option	Speed signal, alarm signal

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Technical drawing of the fan assembly showing dimensions and tolerances:

- Outer diameter of the fan housing: $\varnothing 150 \pm 0,5$
- Inner diameter of the fan housing: $\varnothing 146$
- Outer diameter of the mounting flange: $\varnothing 162 \pm 0,2$
- Mounting flange thickness: $4,5 \pm 0,2$
- Mounting flange hole diameter: $4,3 \pm 0,15$
- Mounting flange hole spacing: $55 \pm 0,4$
- Mounting flange hole diameter: 6
- Mounting flange hole diameter: 6 ± 1
- Mounting flange hole diameter: 365 ± 10

Curves: Air performance

