

6424

DC axial compact fan



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Nominal data

Type	6424	
Nominal voltage	VDC	24
Nominal voltage range	VDC	12 .. 28
Speed	min ⁻¹	3400
Power input	W	17.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	72
Air flow	m ³ /h	410
Sound power level	B	6.4
Sound pressure level	dB(A)	57

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations



Technical features

Mass	0.760 kg
Dimensions	172 x 150 x 51 mm
Material of impeller	Fiberglass-reinforced PA plastic
Housing material	Aluminum. Housing with grounding lug for screw M4 x 8 (TORX).
Direction of air flow	Air exhaust over bars
Direction of rotation	Left, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	75000 h
Lifetime L10 at maximum temperature	35000 h
Connection line	Flat plugs 3.0 x 0.5 mm.
Motor protection	Protected against reverse polarity and locking.
Locked-rotor protection	Electronic blocking protection, with electronic motor current limit in the startup phase and when the rotor is blocked.
Approval	VDE, CSA, UL, CE



Product drawing



Charts: Air flow

