

DV 6248 TDI

DC diagonal compact fan

sickled blades (S series)



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Nominal data

Type	DV 6248 TDI	
Nominal voltage	[VDC]	48
Speed	[min ⁻¹]	5500
Power input	[W]	89.0
Min. ambient temperature	[°C]	-20
Max. ambient temperature	[°C]	60
Air flow	[m ³ /h]	700
Sound power level	[B]	7.8
Sound pressure level	[dB(A)]	69

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

Technical features

Dimensions	172 Ø x 51 mm
General description	Particularly powerful DC fan with 3-phase EC drive and completely integrated operating electronics. For speed control regardless of load, with highly intelligent motor management and with power and speed reserves that create brand-new areas of application Temperature-controlled fan operation. NTC sensor integrated in fan
Connection line	2 single strands AWG 22, TR 64. Housing with grounding lug for tapping screw M4 x 8 (TORX), with screws.
Direction of protection	Left, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	65000 h
Mass	0.820 kg
Material of impeller	Fiberglass-reinforced PA plastic
Approval	VDE, CSA, UL, CE

Product drawing

