

DV 6248 TDT

DC diagonal compact fan

sickled blades (S series)



ebm-papst St. Georgen GmbH & Co. KG

Hermann-Papst-Straße 1

74673 St. Georgen

Phone: +49 7724 81-0

Fax: +49 7724 81-1309

www.ebmpapst.com

info2@de.ebmpapst.com

Nominal data

Type	DV 6248 TDT	
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 TDI strand: minimum speed 2700 rpm with standard NTC. Temperature control range from 30 to 50 C°.
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
Option	T
Approval	VDE, CSA, UL, CE

Product drawing

