

**ebm-papst St. Georgen GmbH & Co. KG**

Hermann-Papst-Straße 1

D-78112 St. Georgen

Phone +49 7724 81-0

Fax +49 7724 81-1309

info2@de.ebmpapst.com

www.ebmpapst.com

Nominal data

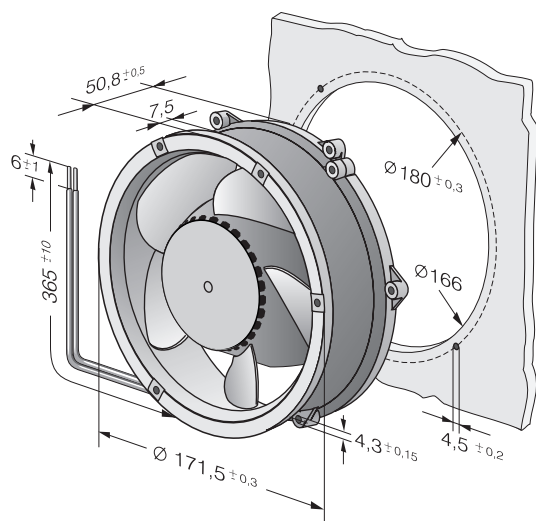
Type	DV 6224 TD	
Nominal voltage	VDC	24
Nominal voltage range	VDC	16 .. 36
Speed	min ⁻¹	5500
Power input	W	89
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	60
Air flow	m ³ /h	700
Sound power level	B	7.8
Sound pressure level	dB(A)	69

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	Particular design features: Diagonal fan with low noise when there is a high pressure saddle curve. Very smooth running 3-phase fan drive. Very rigid compression curve for high air flow at high counterpressure. Control inputs and alarm and speed signals available on request. General features: Housing made of aluminium, impeller made of fibreglass-reinforced PA; housing with grounding lug for M4 x 8 screw (Torx). 48 V version incl. screws. Electronic commutation completely integrated. Connection via single strands AWG 22, TR 64, bared and tin-plated. Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor. Mass: 820 g.
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Direction of rotation	Left, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	65000 h
Lifetime L10 at maximum temperature	40000 h
Mass	0.820 kg
Housing material	Aluminum. Housing with grounding lug for screw M4 x 8 (TORX).
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL

Product drawing



Charts: Air flow

