

6448 M

DC axial compact fan



ebm-papst St. Georgen GmbH & Co. KG

Hermann-Papst-Str. 1
D-78112 St. Georgen
Phone +49 (0) 7724 81-0
Fax +49 (0) 7724 81-1309
info2@de.ebmpapst.com
www.ebmpapst.com

Nominal data

Type	6448 M	
Nominal voltage	VDC	48
Nominal voltage range	VDC	28 .. 60
Speed	min ⁻¹	2850
Power input	W	11.5
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	72
Air flow	m ³ /h	350
Sound power level	B	6.0
Sound pressure level	dB(A)	52

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). 48 V version incl. screws.
Direction of air flow	Air exhaust over bars
Direction of rotation	Left, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	80000 h
Lifetime L10 at maximum temperature	37500 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

