

6448 M

# DC axial compact fan



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## Nominal data

Type	6448 M	
Nominal voltage	VDC	48
Nominal voltage range	VDC	28 .. 60
Speed	min <sup>-1</sup>	2850
Power input	W	11.5
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	72
Air flow	m <sup>3</sup> /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**

<b>Mass</b>	0.760 kg
<b>Dimensions</b>	172 x 150 x 51 mm
<b>Material of impeller</b>	Fiberglass-reinforced PA plastic
<b>Housing material</b>	Aluminum. Housing with grounding lug for screw M4 x 8 (TORX). 48 V version incl. screws.
<b>Direction of air flow</b>	Air exhaust over bars
<b>Direction of rotation</b>	Left, looking at rotor
<b>Bearing</b>	Ball bearings
<b>Lifetime L10 at 40 °C</b>	80000 h
<b>Lifetime L10 at maximum temperature</b>	37500 h
<b>Connection line</b>	Flat plugs 3.0 x 0.5 mm.
<b>Motor protection</b>	Protected against reverse polarity and locking.
<b>Locked-rotor protection</b>	Electronic blocking protection, with electronic motor current limit in the startup phase and when the rotor is blocked.
<b>Approval</b>	VDE, CSA, UL, CE

## Product drawing



## Charts: Air flow

