

8452 GM

DC axial compact fan



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Nominal data

Type	8452 GM	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 15
Speed	min ⁻¹	3100
Power input	W	1.3
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m ³ /h	58
Sound power level	B	4.7
Sound pressure level	dB(A)	32

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



Technical features

Dimensions	80 x 80 x 25 mm
General description	<p>Particular design features:</p> <ul style="list-style-type: none"> Rigid compression curve for high air flow at high counterpressure. Motor has very low structure-borne noise. Innovative impeller with winglets for low noise. Extremely quiet Sintec sleeve bearings and ball bearings. Models with PWM and open collector speed signal. <p>General features:</p> <ul style="list-style-type: none"> Material: fibreglass-reinforced plastic. Impeller PA, housing PBT. Electronic commutation completely integrated. Protected against reverse polarity and locking. Connection via single strands AWG 24, TR 64, bared and tin-plated. Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor. Mass: 105 g.
Connection line	Single strands AWG 24, TR 64, bared and tin-plated.
Direction of rotation	Counterclockwise, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Extremely quiet Sintec sleeve bearing.
Lifetime L10 at 40 °C	80000 h
Lifetime L10 at maximum temperature	35000 h
Mass	0.105 kg
Housing material	Fiberglass-reinforced PBT plastic
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.

Charts: Air flow

