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Nominal data

Type	8312 GM	
Nominal voltage	VDC	12
Nominal voltage range	VDC	6 .. 15
Speed	min ⁻¹	3000
Power input	W	1.8
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m ³ /h	48
Sound power level	B	5.0
Sound pressure level	dB(A)	34

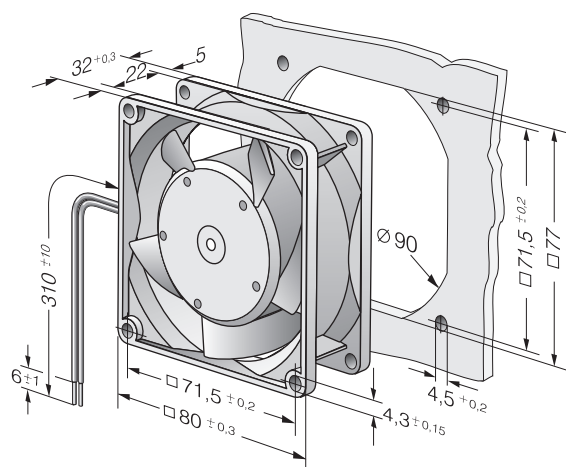
ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



Technical features

Dimensions	80 x 80 x 32 mm
General description	DC fan with electronically commutated external rotor motor. Commutation electronics completely integrated. Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customizable solution to meet the individual requirements of your application.
Connection line	2 single strands AWG 22, TR 64
Locked-rotor protection	Blocking and overload protection
Direction of rotation	Right, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Sintec sleeve bearing system
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	30000 h
Mass	0.170 kg
Housing material	Fiberglass-reinforced PBTP plastic
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Reverse-polarity protected. The fan runs only if the polarity is correct.
Approval	VDE, CSA, UL, CE

Product drawing



Charts: Air flow

