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Nominal data

Type	8312 GM	
Nominal voltage	VDC	12
Nominal voltage range	VDC	6 .. 15
Speed (rpm)	min ⁻¹	3000
Power consumption	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

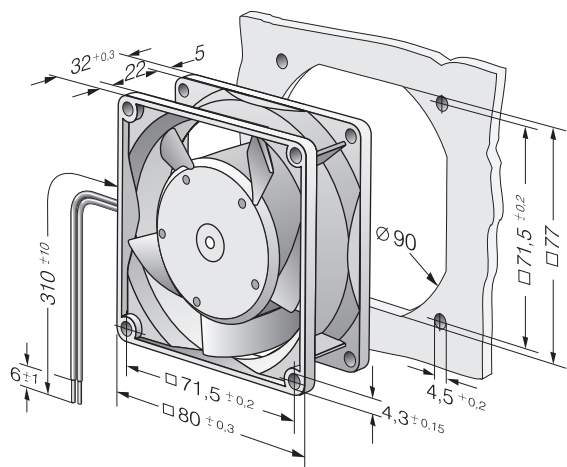
ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
 Subject to change



Technical description

Weight	0.170 kg
Dimensions	80 x 80 x 32 mm
Impeller material	Glass-fiber reinforced PA plastic
Housing material	Glass-fiber reinforced PBTP plastic
Airflow direction	Exhaust over struts
Direction of rotation	Clockwise, viewed toward rotor
Storage	Sintec sleeve bearing system
Service life L10 at 40 °C	70000 h
Service life L10 at maximum temperature	30000 h
Cable	2 leads AWG 22, TR 64
Motor protection	Protected against reverse polarity. The fan starts only when connected with correct polarity.
Locked-rotor protection	Locked-rotor and overload protection
Approval	VDE, CSA, UL, CE
Option	Vario-Pro

Product drawing



Curves: Air performance

