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Nominal data

Type	8312 H	
Nominal voltage	VDC	12
Nominal voltage range	VDC	6 .. 12.6
Speed	min ⁻¹	5000
Power input	W	6.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	60
Air flow	m ³ /h	80
Sound power level	B	6.2
Sound pressure level	dB(A)	48

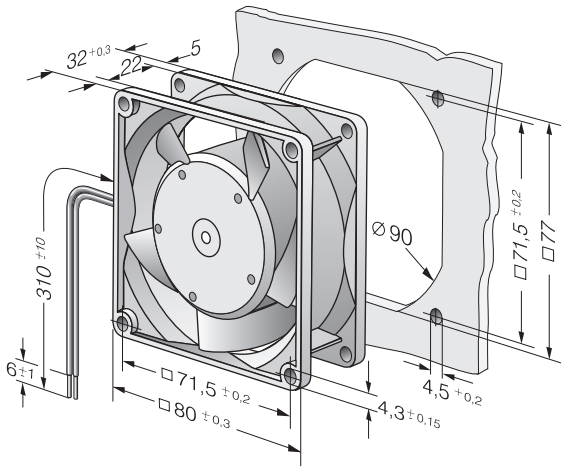
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations



Technical features

Mass	0.170 kg
Dimensions	80 x 80 x 32 mm
Material of impeller	Fiberglass-reinforced PA plastic
Housing material	Fiberglass-reinforced PBT plastic
Direction of air flow	Air exhaust over bars
Direction of rotation	Right, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	55000 h
Lifetime L10 at maximum temperature	35000 h
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Locked-rotor protection	Blocking and overload protection
Approval	VDE, CSA, UL, CE

Product drawing



Charts: Air flow

