

8550 N

AC axial compact fan



ebm-papst St. Georgen GmbH & Co. KG

Hermann-Papst-Str. 1
D-78112 St. Georgen
Phone +49 (0) 7724 81-0
Fax +49 (0) 7724 81-1309
info2@de.ebmpapst.com
www.ebmpapst.com

Nominal data

Type	8550 N	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Speed	min ⁻¹	2700
Power input	W	12.0
Min. ambient temperature	°C	-10
Max. ambient temperature	°C	70
Air flow	m ³ /h	50
Sound power level	B	4.4
Sound pressure level	dB(A)	30

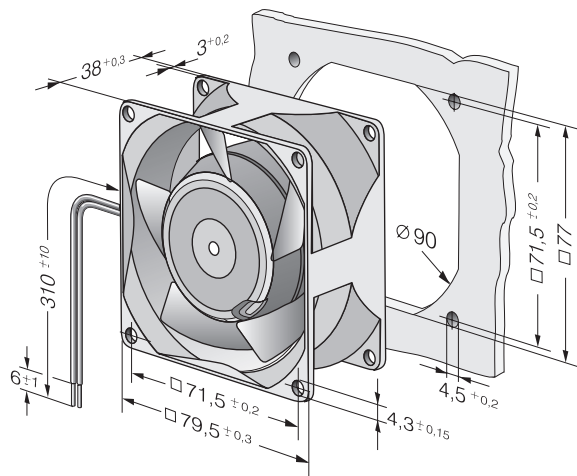
ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations



Technical features

Mass	0.490 kg
Dimensions	80 x 80 x 38 mm
Material of impeller	Sheet steel, coated in black
Housing material	Die-cast aluminium
Direction of air flow	Exhaust over struts
Direction of rotation	Right, looking at rotor
Bearing	Sintec sleeve bearing
Lifetime L10 at 40 °C	52500 h
Lifetime L10 at maximum temperature	25000 h
Connection line	Via 2 single wires AWG 18, TR 64 grounding lug for M4 x 8
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

Product drawing



Charts: Air flow

