

4550 N

AC axial compact fan



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Nominal data

Type	4550 N	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Speed	min ⁻¹	2550
Power input	W	16.5
Min. ambient temperature	°C	-10
Max. ambient temperature	°C	55
Air flow	m ³ /h	145
Sound power level	B	5.4
Sound pressure level	dB(A)	44

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



Technical features

Mass	0.550 kg
Dimensions	119 x 119 x 38 mm
Material of impeller	Sheet steel, coated in black
Housing material	Die-cast aluminium
Direction of air flow	Intake over struts
Direction of rotation	Right, looking at rotor
Bearing	Sintec sleeve bearing
Lifetime L10 at 40 °C	42500 h
Lifetime L10 at maximum temperature	30000 h
Connection line	2 flat plugs 3.0 x 0.5 mm. Housing with grounding lugs for screw M4 and UNC.
Motor protection	Protected from overload using impedance protection
Approval	VDE, CSA, UL, CE

Product drawing



Charts: Air flow

