

Nominal data

Type	5318 /2HP	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 72
Speed	min ⁻¹	5000
Power input	W	27
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	65
Air flow	m ³ /h	340
Sound power level	B	7.2
Sound pressure level	dB(A)	64

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

Technical features

General description	Free air power consumption, these values may be considerably higher at the operating point.
Impeller material	Fibreglass-reinforced plastic (PA)
Mass	0.9 kg
Dimensions	140 x 140 x 51 mm
Housing material	Die-cast aluminium
Direction of air flow	Inlet over bars
Direction of rotation	Counter-clockwise, looking at rotor
Bearing	Ball bearing
Lifetime L10 at 40 °C	77500 h
Lifetime L10 at maximum temperature	40000 h
Connection line	With single strands AWG 22, TR 64

DC axial fan

Technical drawing of a square fan assembly. The drawing shows a perspective view of the fan and a side view of the mounting plate. Dimensions are provided in millimeters (mm) with tolerances.

Dimensions:

- Overall width: 310 ± 10
- Overall height: 310 ± 10
- Mounting plate width: $124,5 \pm 0,2$
- Mounting plate height: 134
- Mounting plate width (inner): $139,6 \pm 0,3$
- Mounting plate height (inner): $124,5 \pm 0,2$
- Mounting plate thickness: $4,3 \pm 0,15$
- Mounting plate hole diameter: $\varnothing 149$
- Mounting plate hole spacing: $4,5 \pm 0,2$
- Mounting plate hole diameter: $6 \pm 0,3$
- Mounting plate hole spacing: $50,8 \pm 0,5$
- Mounting plate hole diameter: 6 ± 1

Charts

