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Nominal data

Type	7112 N	
Nominal voltage	VDC	12
Nominal voltage range	VDC	6 .. 15
Speed	min ⁻¹	2850
Power input	W	12.0
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	72
Air flow	m ³ /h	308
Sound power level	B	6.2
Sound pressure level	dB(A)	53

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



Technical features

Mass	0.620 kg
Dimensions	150 Ø x 38 mm
Material of impeller	Sheet steel, coated in black
Housing material	Die-cast aluminium
Direction of air flow	Inlet over bars
Direction of rotation	Left, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	80000 h
Lifetime L10 at maximum temperature	37500 h
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Locked-rotor protection	Electronic blocking protection
Approval	VDE, CSA, UL, CE

DC axial compact fan

Technical drawing of a fan assembly. The drawing shows a fan with a circular frame and a central hub. The fan is mounted on a rectangular base. The dimensions are as follows:

- Overall width: $38^{+0.5}$
- Overall height: 6
- Mounting bracket height: 365^{+10}
- Mounting bracket width: 6^{+1}
- Mounting bracket thickness: $4.3^{+0.15}$
- Outer diameter of the fan frame: $\varnothing 150^{+0.5}$
- Inner diameter of the fan frame: $\varnothing 146$
- Inner diameter of the fan frame (dashed line): $\varnothing 162^{+0.2}$
- Mounting bracket thickness: $4.5^{+0.2}$

Charts: Air flow

