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Nominal data

Type	RLF 100-11/18/2HP-182	
Nominal voltage	VDC	48
Nominal voltage range	VDC	43 .. 53
Speed (rpm)	min ⁻¹	6400
Power consumption	W	17
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	80
Sound power level	B	7.5

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



DC centrifugal compact fan

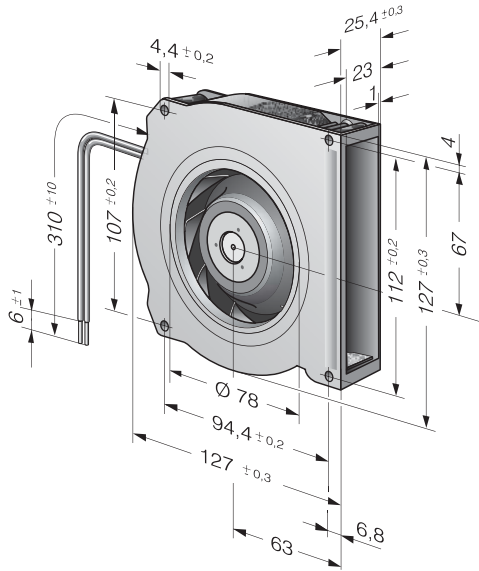
single-intake

Technical description

General description	Optional cap for outlet opening Backward-curved impeller
Weight	0.320 kg
Dimensions	127 x 127 x 25 mm
Impeller material	Glass-fiber reinforced plastic
Housing material	Scroll housing made of glass-fiber reinforced plastic, housing base made of galvanized sheet steel.
Airflow direction	Axial intake, radial discharge from outlet.
Storage	Ball bearing
Service life L10 at 40 °C	72500 h
Service life L10 at maximum temperature	35000 h
Cable	With leads AWG 22, TR 64
Motor protection	Protection against reverse polarity and blocked rotor.



Product drawing



Curves: Air performance

