

DC centrifugal compact fan

single-intake

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Nominal data

Type	RL 48-19/12 ML	
Nominal voltage	VDC	12
Nominal voltage range	VDC	8 .. 15
Speed (rpm)	min ⁻¹	3500
Power consumption	W	5.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	22
Sound power level	B	5.3

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



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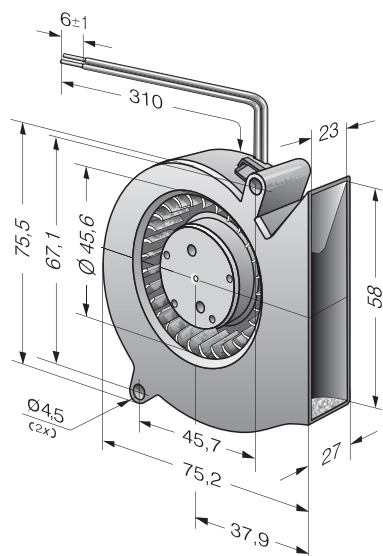
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Technical description

General description	Forward-curved impeller
Weight	0.075 kg
Dimensions	76 x 76 x 27 mm
Impeller material	Glass-fiber reinforced plastic
Housing material	Scroll housing made of glass-fiber reinforced plastic.
Airflow direction	Axial intake, radial discharge from outlet.
Storage	Ball bearing
Service life L10 at 40 °C	70000 h
Service life L10 at maximum temperature	35000 h
Cable	With leads AWG 26, TR 64
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	Electronic locked-rotor protection
Approval	VDE, CSA, UL, CE



Product drawing



Curves

