

RER 160-28/18 N

DC centrifugal compact fan

single-intake



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Nominal data

Type	RER 160-28/18 N	
Nominal voltage	VDC	48
Nominal voltage range	VDC	28 .. 60
Speed (rpm)	min ⁻¹	3000
Power consumption	W	19.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	255
Sound power level	B	6.4

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



Technical description

General description	Backward-curved impeller
Impeller material	Glass-fiber reinforced plastic
Weight	0.590 kg
Dimensions	Ø 165 x 51 mm
Airflow direction	Axial intake, radial discharge
Direction of rotation	Counterclockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	75000 h
Service life L10 at maximum temperature	37500 h
Cable	With leads AWG 22, TR 64
Motor protection	Protection against reverse polarity and blocked rotor.
Approval	VDE, CSA, UL, CE
Option	Speed signal

Product drawing



110,1 ± 0,4
165,1 ±



Curves: Air performance

