

RG 125-19/18 N

# DC centrifugal compact fan

single inlet



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## Nominal data

Type	RG 125-19/18 N	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 56
Speed	min <sup>-1</sup>	2550
Power input	W	4.8
Min. ambient temperature	°C	-30
Max. ambient temperature	°C	75
Air flow	m <sup>3</sup> /h	87.5
Sound power level	B	5.8

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



## Technical features

<b>Mass</b>	0.730 kg
<b>Dimensions</b>	180 x 180 x 40 mm
<b>Material of impeller</b>	Fiberglass-reinforced plastic
<b>Housing material</b>	Scroll housing of fiberglass-reinforced plastic, housing base of sheet steel.
<b>Direction of air flow</b>	Axial air intake, centrifugal air exhaust out of the outlet.
<b>Bearing</b>	Ball bearings
<b>Lifetime L10 at 40 °C</b>	62500 h
<b>Lifetime L10 at maximum temperature</b>	27500 h
<b>Connection line</b>	Flat plugs 6.3 x 0.8 mm for ground line.
<b>Motor protection</b>	Protected against reverse polarity and locking.
<b>Locked-rotor protection</b>	Blocking and overload protection
<b>Approval</b>	VDE, CSA, UL, CE



Charts: Air flow

