

**ebm-papst St. Georgen GmbH & Co. KG**

Hermann-Papst-Str. 1

D-78112 St. Georgen

Phone +49 (0) 7724 81-0

Fax +49 (0) 7724 81-1309

info2@de.ebmpapst.com

www.ebmpapst.com

Nominal data

Type	RG 90-18/18 N	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 56
Speed (rpm)	min ⁻¹	2200
Power consumption	W	6.1
Min. ambient temperature	°C	-30
Max. ambient temperature	°C	75
Air flow	m ³ /h	55
Sound power level	B	5.5

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	Forward-curved impeller
Weight	0.440 kg
Dimensions	135 x 135 x 38 mm
Impeller material	Glass-fiber reinforced plastic
Housing material	Scroll housing made of glass-fiber reinforced plastic, housing base made of sheet steel.
Airflow direction	Axial intake, radial discharge from outlet.
Storage	Ball bearing
Service life L10 at 40 °C	62500 h
Service life L10 at maximum temperature	27500 h
Cable	Flat plug 6.3 x 0.8 mm for protective earth
Motor protection	Protection against reverse polarity and blocked rotor.
Locked-rotor protection	Locked-rotor and overload protection
Approval	VDE, CSA, UL, CE



DC centrifugal compact fan

single-intake

Curves: Air performance

