

**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 160-28/18 NTDA	
Nominal voltage	VDC	48
Nominal voltage range	VDC	38 .. 57
Speed (rpm)	min ⁻¹	4200
Power consumption	W	59.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	308
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

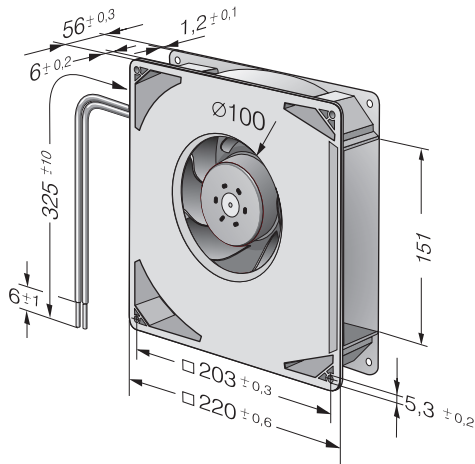
single-intake

Technical description

General description	3-phase fan drive with very smooth operation Backward-curved impeller
Weight	1.400 kg
Dimensions	220 x 220 x 56 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	55000 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.
Approval	VDE, CSA, UL, CE



Product drawing



Curves

