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Nominal data

Type	RG 160-28/14 NTDA	
Nominal voltage	VDC	24
Nominal voltage range	VDC	16 .. 28
Speed (rpm)	min ⁻¹	4200
Power consumption	W	64.0
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	60
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	35000 h
Cable	With leads AWG 22, TR 64
Motor protection	Protection against reverse polarity and blocked rotor.
Approval	VDE, CSA, UL, CE



Technical drawing of a square fan unit. The drawing shows a perspective view of the unit with a central circular fan grille. The grille has a diameter of $\varnothing 100$. The unit is square-shaped with a side length of 203 ± 0.3 . The mounting flange thickness is 5.3 ± 0.2 . The total height of the unit is 151 . The mounting holes are spaced 151 apart. The mounting flange has a thickness of 6 ± 1 . The mounting holes are spaced 6 ± 0.2 apart. The mounting flange has a thickness of 6 ± 0.2 . The mounting holes are spaced 56 ± 0.3 apart. The mounting flange has a thickness of 1.2 ± 0.1 . The mounting holes are spaced 220 ± 0.6 apart.

Curves

