RG 160-28/14NU DC RadialFan



Particularly flat, pressure resistant fan developed especially for installation in equipment of compact dimensions. The DC drive employs an electronically commutated external rotor motor. The motor electronics is integrated into the fan hub completely. The Airflow and noise level can be controlled by varying the supply voltage range.

Features

- The fan is protected against reverse polarity.
- Electronic blocking protection is integrated into the fan circuit. Automatic restart of fan after removal of blockage
- Maximum speed may be chosen by variation of operating voltage range.
- IP54 protection with completely encapsulated motor and electronics
- Extremely low EMI.

General Data

Nominal voltage	V DC	24
Voltage range	V DC	12 - 28
Nominal speed (refer to curve 2)	min^{-1}	2850
Max. flow rate (refer to curve 2)	m^3/h	209
Max. flow rate (refer to curve 2)	l/s	58
Noise in opt. operating range	bels	6.6
Current consumption	mA	830
Power consumption	W	20
Perm. ambient temperature	°C	-20 ... +55
At max. Voltage		
Service life at 55 °C	h	35.000
Service life at 40 °C	h	70.000
Approvals		CSA, UL, VDE
Spiral housing / impeller		Fiberglass reinforced plastic
housing base		Galvanized steel plate
Bearing system		ball bearings
Mass	kg	1.4

All data are average figures at nominal voltage. Subject to technical change.



