4184 NMCR DC Axial Fan



38 mm DC fan with high performance by an electronically commutated external rotor motor. Electronic commutation system is integrated into the motor hub. Air flow and noise level can be controlled by varying the supply voltage range.

Features

- Overload protection with capacitor; Restart only possible by switching the power supply back on. Electronic locked rotor protection.
- Electronic reverse polarity protection.
- Low noise level through aerodynamically optimised matching of the fan housing and impeller.
- Extremely low EMI.
- Improved Humidity protection (“R”)
- Electrical connection with connector on the housing.
- Airflow curve 1 (see below)

Technical Data

Nominal voltage	V DC	24
Voltage range	V DC	12 – 30
Nominal speed	min^{-1}	2800
Max. flow rate (Curve 1)	m^3/h	160
Max. flow rate (Curve 1)	cfm	94,2
Noise free air	dB(A)	44
Current consumption	mA	145
Power consumption	W	3,5
Perm. ambient temperature	°C	-30 ... +85
at max. voltage	°C	-40 ... +85
Service life (75 °C)	h	12.500
Service life (40 °C)	h	70 000
Fan housing / impeller		Metal 6.6
Bearing system		Ball bearing (stainless steel)
Mass	g	380

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



