

5214 N/2HH DC Axial Fan

preliminary data (rev 03; 31.05.06)

127mm axial fan with high air flow. The DC drive employs an electronically commutated external rotor motor with high efficiency. Drive electronics is completely integrated into the fan hub. The air flow and noise level can be controlled by varying the supply voltage range.



Features

- Electronic protection against reverse polarity, blocking and overloading of the fan
- Extremely low EMI.
- Open collector Tacho signal /2 with speed proportional, rectangular signal
- Reinforced flange
- Electrical connection via 2 leads, AWG 22

Patents granted or applied for.

Reinforced flange



General Data

Nominal voltage	V DC	24
Voltage range	V DC	16 ... 30
Nominal speed	min ⁻¹	4900
Max. flow rate	m ³ /h	338
Max. flow rate	CFM	198
Noise free air	dB(A)	57
Noise in optimum operating range	bels	6.5
Current consumption	mA	730
Power consumption	W	17,5
Permanent ambient temperature at max. voltage	°C	-20 ... +65
Service life (65 °C)	h	25.000
Service life (40 °C)	h	45.000
Approvals	UL, CSA, VDE applied for	
Fan housing / impeller	PBTP / PA 6.6	
Bearing system	ball bearing	
Mass	kg	0,310

All data are average values at nominal conditions.

Subject to change without notice

