PAPST

6248 N/22 var 147 DC Axial Fan

Axial fan with electronically commutated external rotor DC drive. Drive electronics is completely integrated in to the fan hub. The aluminium die-cast housing and plastic impeller are aerodynamically dimensioned for optimum air flow characteristics at minimum noise. The air flow and noise level is controlled by ambient temperature.

Features

- Electronic motor current limiting during start-up or blocking. Continuous blocking protection. Electronically safeguarded against incorrect polarity.
- Extremely low EMI.

General Data

Nominal voltage	V DC			48
Voltage range	V DC			28 ...60
PWM Speed control	%	0	→	100
Nominal Speed	min⁻¹	1400	→	3400
Max. flow rate	m³/h	163	→	410
Max. flow rate	CFM	96	→	241,3
Noise free air	dB(A)			55
Noise in opt. operating range	bels			6.1
Current consumption	mA			380
Power consumption	W			18.5
Perm. ambient temperature	°C			-10 ... +72
Service life at 72 °C	h			30,000
Service life at 40 °C	h			60,000
Approval				CSA, UL, VDE
Fan housing / impeller				metal / plastic
Bearing system				Ball bearings
Mass	kg			0,82

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

Patents granted or applied for.



