

6224 NU DC Axial Fan

Axial fan with DC drive. This DC drive employs an electronically commutated external rotor motor with high efficiency at low operating noise. The drive electronics is completely integrated in to the fan hub.



Features

- Low noise level through aerodynamically optimised housing and impeller.
- Electronic motor current limiting during start-up or blocking.
- Electronically safeguarded against incorrect polarity.
- Extremely low EMI.
- Electrical connection via leads 310mm AWG 22.
- Encapsulation of stator, winding, and PCB (protection class IP54).

Technical Data

Nominal Voltage	V DC	24
Voltage Range	V DC	12-28
Nominal Speed	min ⁻¹	3400
Max. flow rate	m ³ /h	410
Max. flow rate	CFM	241.3
Noise free air	dB(A)	55
Noise in opt. Operating range	bels	6,1
Current consumption	mA	750
Power consumption	W	18
Perm. Ambient temperature at max. voltage.	°C	-20 ... +60
Storage temperature range fan not operating	°C	-40 ... +80
Service life (T _{Max})	h	35.000
Service life (40 °C)	h	75.000
Approvals	CSA, UL, VDE	
Bearing system	Ball bearings	
Mass	kg	0,790

All data are mean values at nominal voltage.

Subject to technical change.

