



614J/2H ebmpapst

Brand: ebmpapst

SKU: 614J/2H

Category: DC Fans

URL: <https://www.fansco.com/item/614j-2h-ebmpapst/>

Contact: sales@fansco.com

Product Description

614J/2H ebmpapst 24VDC 60x60x32mm 41.1CFM Ball 7.7W 11700RPM 3 Wire Leads Locked Rotor Protection, Speed Sensor (Tach) Tubeaxial DC Fan

The ebm-papst 614J/2H is a 60×60×32 mm axial fan with a 0.1 kg plastic housing and impeller, featuring clockwise rotation and air outlet over struts via a ball bearing system, allowing any mounting position. Operating at 24 VDC (14–26.4 V range), it consumes 2.3–8.7 W with current up to 330 mA, reaching speeds of 7,000–12,400 rpm (11,700 rpm at free air flow), delivering 70 m³/h airflow and 345 Pa static pressure, with optimal performance at 46 m³/h @ 110 Pa and 53 dB(A) sound pressure. The 310 mm AWG 24 wires (red/+UB, blue/GND, white/tacho) provide a tacho signal with 2 pulses/rev, while electrical features include reversed polarity protection, auto-restart for locked rotor (1.3 A current), and impedance protection. Suitable for -20°C to 70°C environments (storage -40°C to 80°C), it meets CE, EAC, UL, VDE approvals, with L10 life of 57,500 hours at 40°C (27,500 hours at max temp) and 97,500 hours per IPC 9591, ideal for controlled-environment applications.

Technical Specifications

Attribute	Value
Part Number	614J/2H
Manufacturer	ebm-papst
Series	600J
Voltage Rating	24 VDC
Dimensions	60x60x32 mm
Air Flow	41.1 CFM
Air Flow (m3)	1.15m ³ /min
Bearing Type	Ball Bearing
Fan Type	DC
Features	Locked Rotor Protection, Speed Sensor (Tach)
Noise Level	62 dB(A)
Power Rating	7.7 W
Fan Speed	11700 RPM

Termination	3 Wire Leads
Operating Temperature	-4 ~ 158°F (-20 ~ 70°C)
Weight	0.22 lb (99.79 g)
Subcategory	Tubeaxial



