



8314 ebmpapst

Brand: ebmpapst

SKU: 8314

Category: Axial compact fans

URL: <https://www.fansco.com/item/8314-ebmpapst/>

Contact: sales@fansco.com

| Product Description

The ebmpapst 8314 is a high-performance DC axial compact fan (80 x 80 x 32 mm)

precision-engineered for reliable thermal management in demanding electronic and industrial systems. Operating at a nominal voltage of 24 VDC (with a flexible 12-28 VDC range), this robust cooling solution delivers a steady airflow of 54 m³/h (31.8 CFM) at a rated speed of 3300 rpm, while maintaining an exceptionally low power consumption of just 2.2 W. Designed for longevity and quiet operation (36 dB(A)), the 8314 features a fibreglass-reinforced plastic (PBT) housing and impeller, supported by premium ball bearings that ensure an extensive service life of up to 70,000 hours at 40°C. With integrated electronic protection against reverse polarity and locked-rotor conditions, and a wide operating temperature range from -20°C to +75°C, the ebm-papst 8314 provides a dependable, high-efficiency cooling solution ideal for telecommunications, server racks, and automated control cabinets.

Technical Specifications

Attribute	Value
Part Number	8314
Manufacturer	ebm-papst
Air Flow	31.8 CFM
Voltage Range	12~31,5V
Fan Type	DC
Noise Level	35 dB(A)
Sound power level	5.1B
Dimensions	80x80x32 mm
Air Flow (m3)	0.890m ³ /min
Series	8300
Voltage Rating	24 VDC
Bearing Type	Ball Bearing
Power Rating	2.5 W
Fan Speed	3300 RPM
Termination	2 Wire Leads
Operating Temperature	-4 ~ 167°F (-20 ~ 75°C)
Approval Agency	CE, CSA, UL, VDE
Weight	0.375 lb (170.1 g)
Subcategory	Tubeaxial