



4114NHH ebmpapst

Brand: ebmpapst

SKU: 4114NHH

Category: Axial compact fans

URL: <https://www.fansco.com/item/4114nhh-ebmpapst/>

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Product Description

4114NHH ebmpapst DC16~30V 260m3/h 119x119x38mm 60dB(A) 6.8B DC24V 0.52A 12.5W 5000RPM 2-Wire Leads axial compact fan

The 4114NHH is a DC axial compact fan by ebm-papst, designed for industrial-grade high-airflow heat dissipation scenarios. Its electrical parameters include a 24VDC nominal voltage (16–30VDC wide voltage range), 5000rpm speed, 12.4W power consumption, and an operating temperature range of -20°C to 65°C, delivering 260m³/h air flow with a sound power level of 6.8B and sound pressure level of 60dB(A). With dimensions of 119x119x38mm and a weight of 0.39kg, it features a die-cast aluminum housing and glass-fiber reinforced PA plastic impeller, with airflow directed as intake over struts and a clockwise rotation (when viewed toward the rotor). Equipped with ball bearings, it offers L10 service life of 70,000 hours at 40°C and 52,500 hours at maximum temperature. The fan comes with AWG22 cables (UL 1007 standard, stripped and tin-plated), supports reverse polarity and blocked rotor protection, and is CE-certified, making it suitable for heat dissipation in industrial control cabinets and equipment operating in high-temperature and high-vibration environments.

Technical Specifications

Attribute	Value
Part Number	4114NHH
Manufacturer	ebm-papst
Air Flow	153 CFM
Voltage Range	16~30V
Fan Type	DC
Noise Level	60 dB(A)
Sound power level	6.8B
Dimensions	119x119x38 mm
Air Flow (m3)	4.28m³/min
Series	4100N
Voltage Rating	24 VDC
Bearing Type	Ball Bearing

Features	Locked Rotor Protection
Power Rating	12.4 W
Fan Speed	5000 RPM
Termination	2 Wire Leads
Operating Temperature	-4 ~ 149°F (-20 ~ 65°C)
Approval Agency	CE
Subcategory	Tubeaxial

