



4184NXH ebmpapst

Brand: ebmpapst

SKU: 4184NXH

Category: Axial compact fans

URL: <https://www.fansco.com/item/4184nxh-ebmpapst/>

Contact: sales@fansco.com

Product Description

4184NXH ebmpapst DC 12~28V 237m³/h 119x119x38mm 57dB(A) 6.5B 24VDC 11W 4400RPM 2 Terminals axial compact fan

4184NXH is a DC axial compact fan manufactured by ebm-papst. It has a nominal voltage of 24 VDC with a voltage range of 12 to 28 VDC, a speed of 4400 rpm, a power consumption of 11.0 W, and an ambient temperature range of -30°C to 70°C. The air flow is 237 m³/h, the sound power level is 6.5 B, and the sound pressure level is 57 dB(A). The impeller is made of glass-fiber reinforced PA plastic, weighing 0.390 kg with dimensions of 119 x 119 x 38 mm. The housing is of die-cast aluminum, with the airflow direction being intake over struts and the direction of rotation being clockwise when viewed toward the rotor. It uses ball bearings, with an L10 service life of 70,000 hours at 40°C and 35,000 hours at the maximum temperature. The cable is a flat plug of 2.8 x 0.5 mm, optionally with wires. It has motor protection against reverse polarity and blocked rotor, is approved by VDE, CSA, and UL, and has an option for a speed signal. The fan is suitable for application scenarios such as communication equipment, industrial control cabinets, medical instruments, and power supply devices that require compact heat dissipation solutions, and its wide temperature adaptability and low-noise design make it particularly suitable for equipment heat dissipation with high requirements for environmental tolerance and noise control.

Technical Specifications

| Attribute | Value |
|----------------------------|-------------------------|
| Part Number | 4184NXH |
| Manufacturer | ebm-papst |
| Air Flow | 139.5 CFM |
| Voltage Range | 12~28V |
| Fan Type | DC |
| Noise Level | 57 dB(A) |
| Sound power level | 6.5B |
| Dimensions | 119x119x38 mm |
| Air Flow (m ³) | 3.91m ³ /min |

| | |
|-----------------------|--------------------------|
| Series | 4100N |
| Voltage Rating | 24 VDC |
| Bearing Type | Ball Bearing |
| Power Rating | 11 W |
| Fan Speed | 4400 RPM |
| Termination | 2 Terminals |
| Operating Temperature | -22 ~ 158°F (-30 ~ 70°C) |
| Approval Agency | CSA, UL, VDE |
| Weight | 0.86 lb (390.09 g) |
| Subcategory | Tubeaxial |
| Subcategory | DC axial compact fan |





