



4580N ebmpapst

Brand: ebmpapst

SKU: 4580N

Category: Axial compact fans

URL: <https://www.fansco.com/item/4580n-ebmpapst/>

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Product Description

4580N ebmpapst AC 123m³/h 50Hz 119x119x38mm 41dB(A) 5.2B 230VAC Sintec 18W 2350RPM 2Terminals AC axial compact fan

The 4580N compact axial fan, manufactured by ebm-papst, is driven by single-phase 230VAC/50Hz power, operating at 2350rpm speed with 18W power consumption. It is suitable for environments ranging from -10°C to 55°C, delivering an airflow of 123m³/h, a sound power level of 5.2 bels (sound pressure level of 41dB(A)). Featuring a compact design with dimensions of 119x119x38mm and weighing 0.55kg, it incorporates a black-painted steel sheet impeller and a die-cast aluminum housing. Airflow is drawn in through struts, and the fan rotates clockwise. Equipped with Sintec sleeve bearings, it has an L10 life of 40,000 hours at 40°C (27,500 hours at maximum operating temperature). Connected via a 2-core 3.0x0.5mm flat plug, the housing features M4/UNC threaded grounding lugs and provides overload protection via impedance protection. Certified by VDE, CSA, UL, and CE, it is available with reinforced mounting flanges and exposed lead versions, making it suitable for heat dissipation and ventilation in equipment.

Technical Specifications

Attribute	Value
Part Number	4580N
Manufacturer	ebm-papst
Air Flow	72.3 CFM
Frequency	50 Hz
Fan Type	AC
Noise Level	41 dB(A)
Sound power level	5.2B
Dimensions	119x119x38 mm
Air Flow (m3)	2.02m ³ /min
Series	4000N
Voltage Rating	230 VAC
Bearing Type	Sintec Bearing

Subcategory	Tubeaxial
Power Rating	18 W
Fan Speed	2350 RPM
Termination	2 Terminals
Operating Temperature	14 ~ 131°F (-10 ~ 55°C)
Approval Agency	CE, CSA, UL, VDE
Weight	1.2 lbs (544.3 g)
Subcategory	AC axial compact fan