



4656ZH ebmpapst

Brand: ebmpapst

SKU: 4656ZH

Category: AC Fans

URL: <https://www.fansco.com/item/4656zh-ebmpapst/>

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Product Description

4656ZH ebmpapst 230VAC 119x119x38mm 94.1CFM Ball 40dB(A) 19W 2650RPM IP54

2Terminals Tubeaxial AC Fan

9244014870

The 4656ZH axial fan is a compact metal-housed product by ebm-papst, featuring an external rotor shaded-pole motor (insulation class F) and ball bearing system, allowing arbitrary installation with a balance grade of 2.5. It rotates clockwise with airflow discharged through struts, measures 119×119×38mm, weighs 0.54kg, and requires 120Ncm torque for the cable outlet angle and 350Ncm for other angles (using M4 screws). Electrically, it is compatible with 230VAC, operating at 19W power/115mA current/2650rpm (50Hz) or 17W power/100mA current/3100rpm (60Hz), with a standard 310mm-long 22AWG cable and plug, and includes a tach output (4.5-24VDC, 1 pulse per revolution). Aerodynamically, it delivers 152m³/h max airflow (70Pa static pressure) and an optimum point of 130m³/h@15Pa (37dB(A) sound pressure) at 50Hz, and 180m³/h max airflow (80Pa static pressure) with an optimum point of 148m³/h@20Pa (42dB(A) sound pressure) at 60Hz. It operates in -40~75°C (50Hz) or -40~85°C (60Hz) and stores at -40~100°C, suitable for dry, controlled environments (pollution class 1). Certified by CE, UL, CCC, etc., its L10 life at 40°C is 37,500 hours (50Hz) and 40,000 hours (60Hz).

Technical Specifications

Attribute	Value
Part Number	4656ZH
Manufacturer	ebm-papst
Series	4000Z
Fan Type	AC
Voltage Rating	230 VAC
Dimensions	119x119x38 mm
Air Flow	94.1 CFM
Air Flow (m3)	2.63m ³ /min
Bearing Type	Ball Bearing
Subcategory	Tubeaxial
Noise Level	40 dB(A)
Power Rating	19 W
Fan Speed	2650 RPM
Termination	2 Terminals
IP Rating	IP54
Operating Temperature	-40 ~ 167°F (-40 ~ 75°C)



