

4600N-116 ebmpapst 115V 20W AC Axial Fan

SKU: 4600N-116

Price: \$22.71

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/4600n-116-ebmpapst-115v-20w-ac-axial-fan/>

Product Description

The ebm-papst 4600N-116 is a versatile and robust 115V AC axial fan designed for dual-frequency operation at both 50 Hz and 60 Hz. This fan, measuring 119x119x38mm, is a powerful solution for various cooling and ventilation needs.

At 50 Hz, it draws 0.235A (20W), achieving a speed of 2650 RPM and delivering 88 CFM (150 m³/h) of airflow with a noise level of 50 dBA. When operating at 60 Hz, it draws 0.230A (20W), spins faster at 3050 RPM, and provides a higher airflow of 106 CFM (180 m³/h) with a noise level of 54 dBA.

Constructed with a durable die-cast aluminum frame and a steel impeller, and equipped with reliable ball bearings, this fan boasts a long service life of 40,000 hours at 40°C. It's impedance protected, making it a dependable choice for industrial, commercial, and electronic cooling applications requiring consistent airflow across different power frequencies.

Model Number: 4600N-116

Manufacturer: ebm-papst

Type: AC Axial Fan

Rated Voltage: 115V AC

Frequency: 50/60 Hz

At 50 Hz:

Rated Current: 0.235A (235mA)

Rated Power: 20W

Speed: 2650 RPM

Airflow: 150 m³/h / 88 CFM

Noise Level: 50 dBA (Sound power level: 5.7 B)

At 60 Hz:

Rated Current: 0.230A (230mA)

Rated Power: 20W

Speed: 3050 RPM

Airflow: 180 m³/h / 106 CFM

Noise Level: 54 dBA (Sound power level: 6.1 B)

Dimensions: 119mm x 119mm x 38mm

Connector: 2 Flat Plugs (Terminals 3.0 x 0.5 mm)

Bearing Type: Ball Bearing

Life Expectancy (L10): 40,000 hours at 40°C

Operating Temperature: -20°C to +70°C (typical for ebm-papst AC fans)

Frame Material: Die-cast aluminum

Impeller Material: Sheet steel, painted black

Features: Impedance Protected against overloading, Air intake over struts, Direction of rotation clockwise (viewed toward rotor).

Product Images









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