# 4656N/A04 ebmpapst 230VAC 119x38mm Metal Axial Fan Datasheet


**Brand:** ebmpapst

**SKU:** 833278890637

**Category:** Axial & Centrifugal Fans

**Price:** **$55.99**

**E-mail:** sales@equipspares.com

**Web:** https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/4656n-a04-ebmpapst-230vac-119x38mm-metal-axial-fan

## Product Description

The ebmpapst 4656N/A04 is a robust AC Axial Fan engineered for demanding industrial thermal management applications. Utilizing a shaded-pole motor with an external rotor architecture, this unit delivers consistent airflow while maintaining optimized aerodynamic efficiency. The construction features a rugged die-cast aluminum housing paired with a sheet steel impeller, ensuring exceptional structural rigidity and resistance to thermal stress in harsh environments. Designed with a Sintec sleeve bearing system, it balances longevity with acoustic performance, maintaining a stable thermal impedance profile. This model is specifically calibrated for 230VAC networks, offering reliable cooling performance for high-density electronic enclosures and machinery.

Model Number: 4656N/A04
Brand: ebmpapst
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Rated Current: 0.12 / 0.115 A
Power Consumption: 19 / 18 W
Rated Speed: 2600 / 2950 RPM
Max. Air Flow: 94.1 CFM (160 $m^3/h$)
Max. Static Pressure: 0.32 $inH_2O$ (80 Pa)

Dimensions: 119 x 119 x 38 mm
Weight: 0.55 kg (1.21 lbs)
Bearing Type: Sintec Sleeve Bearing
Housing Material: Die-Cast Aluminum
Impeller Material: Sheet Steel
Ingress Protection: IP20
Operating Temperature: -40°C to +85°C
Life Expectancy: 37,500 Hours (40°C)
Termination: 2x Flat Plugs 2.8 x 0.5 mm
Motor Protection: Impedance Protected
Insulation Class: Class E
Mounting Orientation: Any
Approvals: VDE, CSA, UL, CE

The 4656N/A04 is widely utilized in industrial automation environments requiring durable cooling solutions, such as control cabinet ventilation and power supply cooling. Its all-metal construction makes the 4656N/A04 particularly suitable for harsh operational settings like welding equipment, photovoltaic inverters, and heavy-duty server racks where plastic components might degrade due to heat or vibration. Additionally, it serves critical roles in medical instrumentation and telecommunications infrastructure.

## Supplemental Images


4656N/A04
230V~ 50Hz 120mA 2600r/min
19W/5.7W (输入/输出)
230V~ 60Hz 115mA 2950r/min
18W/5.4W (输入/输出)
Ins.Cl.F级 IP20 ZP
ebmpapst
制造商: ebm-papst St.Georgen GmbH & Co.KG
CN(X) 31.21
罩极电动机 型号:4014
VDE
REG 6774