

8317072919 S4D400 ebmpapst 230/400V 400mm AC Axial Fan

SKU: 8317072919

Price: \$210.99

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/8317072919-s4d400-ebmpapst-230-400v-400mm-ac-axial-fan/>

Product Description

The ebmpapst 8317072919 is a high-performance 230/400VAC three-phase AC Axial Fan from the S-series, featuring 5 sickle-shaped sheet steel blades with an Impeller Size of 400 mm and overall Dimensions of 470 x 470 x 185.5 mm. Specifically engineered for mission-critical cooling in industrial condensers and ventilation units, this 400 mm unit is driven by the M4D074-EI external rotor motor with ball bearings equipped with low-temperature lubricant. Operating on a three-phase supply, it delivers a Power Consumption of 135 W and a Current Draw of 0.76 A (Delta) / 0.44 A (Star) at a rated speed of 1450 RPM under free air (fa) conditions. Featuring a rugged black painted rotor surface and a guard grille for short nozzle, it ensures superior thermal management with IP44 protection, H0+ environmental class, and an extended service life in continuous S1 environments at the end.

8317072919 Fan Parameters

Model Number: 8317072919 S4D400

Motor Model: M4D074-EI

Manufacturer: ebmpapst

Type: AC Axial Fan - Sickle-shaped blades (S series)

Impeller Size: 400 mm

Dimensions: 470 x 470 x 185.5 mm

Weight: 5.7 kg

Bearing Type: Ball bearing with low-temperature lubricant

Nominal Voltage: 230 / 400 VAC

Wiring: Δ (Delta) / Y (Star)

Phase: 3~

Frequency: 50 / 50 Hz

Method of Obtaining Data: fa (Free air)
Current Draw: 0.76 / 0.44 A
Starting Current: 3.0 / 1.7 A
Power Consumption: 135 / 135 W
Rated Speed: 1450 / 1450 RPM
Max. Air Flow: 1527.3 CFM (2595.0 m³/h / 43.25 m³/min)
Max. Static Pressure: 10.71 / 10.71 mmH₂O (105.0 / 105.0 Pa / 0.42 / 0.42 inAq)
Overall Efficiency: 32.7% (Efficiency Grade N: 43.6)
Number of Blades: 5
Blade Material: Sheet steel, painted black
Rotor Surface: Painted black
Terminal Box Material: ABS plastic, black
Guard Grille Material: Steel, phosphated and coated with black plastic
Direction of Airflow: "V"
Direction of Rotation: Counterclockwise (viewed toward rotor)
Insulation Class: "B"
Degree of Protection: IP44
Environmental Protection Class: H0+
Touch Current: < 0.75 mA
Motor Protection: Thermal overload protector (TOP) internally connected
Electrical Hookup: Via terminal box
Condensation Drainage Holes: On rotor side
Installation Position: Shaft horizontal or rotor on bottom (rotor on top on request)
Mode: S1
Protection Class: I
Max. Ambient Temperature: 40 °C
Min. Ambient Temperature: -40 °C
Max. Storage Temperature: +70 °C
Standard Compliance: EN 60335-1; CE; ErP 2015
Approval: CCC

Application

The ebmpapst 8317072919 fan is the primary cooling component for industrial refrigeration condensers, large-scale heat exchangers, and HVAC ventilation systems requiring high-volume three-phase axial airflow with sickle-shaped blades and low-temperature operational capability.

Product Images







Scan for product details:

