VMA0500HSMRHZ ebmpapst 230/400V 3-Phase Axial Fan Datasheet

Brand: ebmpapst

SKU: 999895729868

Category: Axial & Centrifugal Fans

Price: **$749.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/vma0500hsmrhz-ebmpapst-230-400v-3-phase-axial-fan

Product Description

The ebmpapst VMA0500HSMRHZ is a high-efficiency industrial axial fan engineered for demanding thermal management applications. Featuring a robust 3-phase AC motor architecture, this unit is designed to operate reliably across dual frequencies, delivering consistent aerodynamic performance at both 50Hz and 60Hz. The fan is constructed with a durable housing and precision-balanced blades that ensure structural rigidity and reduced vibration during high-speed operation. With an IP54 ingress protection rating, the VMA0500HSMRHZ offers significant resistance to dust and splashing water, making it an optimal solution for harsh industrial environments. Its advanced motor design optimizes the ratio between input energy and output power, minimizing thermal impedance and maximizing service life under continuous load.

Model Number: VMA0500HSMRHZ
Article Number: 8322000084
Brand: ebmpapst
Product Type: Industrial Axial Fan
Motor Technology: AC 3-Phase
Rated Voltage (50Hz): 230/400 V
Rated Voltage (60Hz): 277/480 V
Frequency: 50 / 60 Hz
Input Power (50Hz): 690 W

Output Power (50Hz): 520 W
Input Power (60Hz): 1050 W
Output Power (60Hz): 800 W
Rated Current (50Hz): 2.34 / 1.35 A
Rated Current (60Hz): 2.72 / 1.57 A
Rated Speed (50Hz): 1350 RPM
Rated Speed (60Hz): 1590 RPM
Ingress Protection: IP54
Application: Industrial Cooling

The VMA0500HSMRHZ is specifically deployed in large-scale industrial ventilation systems, including power transformer cooling arrays, heat exchangers, and heavy machinery cabinets. Facility managers frequently rely on the VMA0500HSMRHZ for climate control in manufacturing plants and automation centers where consistent, high-volume airflow is required to maintain safe operating temperatures for sensitive electronic components.

Supplemental Images


ebmpapst
13