F175HX-061-00540 NMB 24VDC 175mm Cooling Centrifugal Fan Datasheet

Brand: NMB

SKU: 859926821396

Category: Axial & Centrifugal Fans

Price: **$194.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/f175hx-061-00540-nmb-24vdc-175mm-cooling-centrifugal-fan

Product Description

The NMB F175HX-061-00540 is a high-capacity Centrifugal Fan engineered for critical industrial thermal management and heavy-duty automation systems. Utilizing advanced Brushless DC (BLDC) motor technology, this unit delivers exceptional aerodynamic efficiency with a substantial power rating of 204.0W. The architecture features precision double ball bearings that ensure rotational stability and reduced friction under high-load conditions, significantly extending the operational lifespan. Designed with a robust chassis, it offers superior structural rigidity and optimized thermal impedance, making it ideal for demanding environments requiring sustained high static pressure and airflow. The impeller design maximizes air throughput while maintaining operational reliability in complex electronic enclosures and inverter systems.

Model Number: F175HX-061-00540
Brand: NMB-MAT (Minebea)
Product Type: Centrifugal Fan / Motorized Impeller
Rated Voltage: 24 VDC
Rated Current: 8.5 A
Power Input: 204.0 W
Bearing Type: Double Ball Bearing
Diameter: 175 mm
Motor Type: Brushless DC (BLDC)

Housing Material: Aluminum / Reinforced Plastic
Impeller Material: Reinforced Plastic (UL94V-0)
Country of Origin: Thailand
Condition: New, Original OEM
Cooling Type: Active Air Cooling
Application Segment: Industrial Automation / Robotics

This high-performance cooling solution is specifically calibrated for heavy-duty industrial automation, including KUKA robot controllers and high-power frequency inverters. The F175HX-061-00540 ensures optimal operating temperatures within sealed electronic cabinets, preventing thermal throttling in mission-critical machinery. By integrating the F175HX-061-00540 into server racks, CNC machinery, or telecommunication infrastructure, operators guarantee consistent system stability and prolonged component lifespan in continuous-duty cycles.

Supplemental Images


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F175HX-061-D0540
F175HXLYBT200102
24V ⎓ DC/ 8.5A/ 204.0W
Red :+ Yellow :Speed Control
Black :- White :Speed Signal
E89936
Made in Thai