

5915PC-20W-B20-S05 NMB 200-240VAC 172x150x38mm Axial Fan Datasheet



Brand: NMB

SKU: 1014819496264

Category: Axial & Centrifugal Fans

Price: **\$33.99**

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Product Page:

<https://www.equipspares.com/product/5915pc-20w-b20-s05-nmb-200-240vac-172x150x38mm-axial-fan>

Product Description

The NMB 5915PC-20W-B20-S05 is a robust AC Axial Fan engineered for demanding industrial thermal management applications requiring superior durability. Utilizing a precision-balanced full-metal impeller housed within a die-cast aluminum frame, this unit offers exceptional structural rigidity and resistance to high-temperature environments, distinguishing it from standard plastic-blade alternatives. The motor assembly features a reliable shaded-pole induction design supported by high-grade dual ball bearings, ensuring consistent rotational stability and minimized friction coefficients over an extended service life. Its aerodynamic profile is optimized to deliver high volumetric airflow while maintaining manageable acoustic signatures, making it an ideal solution for systems requiring reliable heat dissipation under continuous, heavy-duty operation.

Model Number: 5915PC-20W-B20-S05

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: AC Axial Fan

Rated Voltage: 200-240 VAC

Frequency: 50 / 60 Hz

Input Power: 44.0 W

Rated Current: 0.22 A

Rated Speed: 3100 RPM

Max. Air Flow: 208.0 CFM (353.4 m³/h / 5.89 m³/min)

Max. Static Pressure: 14.0 mmH₂O (137.3 Pa / 0.55 inH₂O)

Bearing Type: Dual Ball Bearing

Dimensions: 172mm x 150mm x 38mm

Frame Material: Aluminum Die-Cast

Impeller Material: Metal

Termination: 2-Terminal (Faston #110)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 50,000 Hours (at 25°C)

Noise Level: 56 dB(A)

Ingress Protection: IP20

Insulation Resistance: 10M Ω or over with a DC500V Megger

Dielectric Strength: AC 1500V 1 Minute

Weight: 850 g

This cooling solution is specifically calibrated for high-density electronic enclosures and power regulation systems where thermal reliability is non-negotiable. The 5915PC-20W-B20-S05 is frequently integrated into Uninterruptible Power Supplies (UPS) and large-scale server cabinets where consistent airflow is critical for component longevity. Additionally, the rugged all-metal construction of the 5915PC-20W-B20-S05 makes it highly suitable for industrial machinery, CNC equipment, and automation control panels operating in environments with elevated ambient temperatures or potential physical stress.

Supplemental Images

