

NYW06025012BS Y.S.TECH 12VDC 60x60x25mm 0.42A Axial Fan Datasheet



Brand: Y.S.TECH

SKU: 930017742593

Category: Axial & Centrifugal Fans

Price: \$5.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/nyw06025012bs-y-s-tech-12vdc-60x60x25mm-0-42a-axial-fan>

Product Description

The Y.S.TECH NYW06025012BS is a high-performance DC Axial Fan engineered for demanding industrial thermal management applications. Featuring a robust Double Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous load. The 12VDC motor assembly is calibrated for optimal torque, driving the impeller to deliver substantial airflow while maintaining structural rigidity. Designed with a focus on reducing thermal impedance in compact enclosures, the NYW06025012BS utilizes advanced aerodynamic blade geometry to maximize static pressure, making it an ideal solution for critical electronic cooling requirements where reliability is paramount.

Model Number: NYW06025012BS

Brand: Y.S.TECH

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.42 A

Input Power: 5.04 W

Rated Speed: 6800 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 38.5 CFM (65.4 m³/h / 1.09 m³/min)

Max. Static Pressure: 14.5 mmH₂O (142 Pa / 0.57 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 65 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 46.5 dBA

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Termination: 2-Wire Leads (+ Red, - Black)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: UL, CUL, TUV, CE

The NYW06025012BS is specifically configured for high-density electronic environments such as rack-mounted server chassis and telecommunications switching equipment. Its compact form factor allows for seamless integration into industrial automation controllers and power supply units where space is constrained but thermal loads are high. By delivering consistent forced convection, the NYW06025012BS effectively dissipates heat from sensitive components, ensuring system stability in CNC machinery and medical instrumentation.

Supplemental Images

