

MGT6012YB-R25D Protechnic 12VDC 60x60x25mm Cooling Fan Datasheet



Brand: Protechnic

SKU: 1049161885769

Category: Axial & Centrifugal Fans

Price: \$16.57

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Product Page:

<https://www.equipspares.com/product/mgt6012yb-r25d-protechnic-12vdc-60x60x25mm-cooling-fan>

Product Description

Protechnic MGT6012YB-R25D is a 60 x 60 x 25 mm axial cooling fan operating at a nominal 12 VDC and delivering a primary output of 27.28 CFM. Constructed with a dual ball bearing mechanism, this unit features a 3-wire interface for precise speed monitoring and control. The hardware is fully sealed to meet IP68 standards, ensuring complete protection against dust ingress and continuous water immersion, while maintaining an acoustic profile of 39.9 dB(A) at a rotational speed of 5400 RPM.

MGT6012YB-R25D Specifications

Model Number: MGT6012YB-R25D

Brand: Protechnic

Product Category: Axial Cooling Fan

Dimensions: 60 x 60 x 25 mm

Nominal Voltage: 12 VDC

Rated Current: 0.21 A

Power Consumption: 3.12 W

Rotational Speed: 5400 RPM

Maximum Airflow: 27.28 CFM

Static Pressure: 8.72 mmAq

Noise Level: 39.9 dB(A)

Bearing Type: Dual Ball Bearing

Ingress Protection: IP68

Interface: 3-Wire

Weight: 69 g

MGT6012YB-R25D Applications

Primary applications include integration into industrial control cabinets, server racks, and automated CNC machinery where rigorous thermal management is required. Deployed within telecommunications base stations and heavy-duty power supply units, this component ensures continuous heat dissipation in environments exposed to moisture and particulate matter.

Supplemental Images

