

E1232L12BXYP-26 SERVO 12VDC 120x120x32mm Blower Datasheet



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Category: Axial & Centrifugal Fans

Price: \$22.99

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Product Page:

<https://www.equipspares.com/product/e1232l12bxyp-26-servo-12vdc-120x120x32mm-blower>

Product Description

SERVO E1232L12BXYP-26 is a 12VDC 120x120x32mm Blower optimized for overcoming high system impedance in densely packed electronic enclosures. Engineered by Nidec, this unit features a sophisticated DC brushless motor architecture paired with a precision dual ball bearing system to minimize thermal impedance and ensure long-term structural rigidity. Operating at a rated current of 0.61A, the fan delivers high-velocity airflow and significant static pressure, making it ideal for localized cooling in industrial environments. The integrated 4-wire PWM control allows for dynamic speed modulation, ensuring efficient thermal management while maintaining stable performance metrics across its operational lifespan.

Model Number: E1232L12BXYP-26

Brand: SERVO (Nidec)

Product Type: Centrifugal Blower

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.61 A

Power: 7.32 W

Rated Speed: 3200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 35.3 CFM (1.00 m³/min)

Max. Static Pressure: 24.5 mmH₂O (240.2 Pa)

Dimensions: 120 x 120 x 32 mm

Weight: 230 g

Life Expectancy: 50,000 Hours at 40°C

Speed Control: PWM Signal / Tachometer Output

Termination: 4-Lead Wires

Housing Material: Reinforced PBT Plastic (UL94V-0)

Blade Material: Reinforced PBT Plastic (UL94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CSA, TUV, CE

E1232L12BXYP-26 Applications

1. Industrial Control Cabinets: High static pressure overcomes the resistance of fine-mesh dust filters to maintain internal component longevity.
2. High-End Photocopiers and Printing Presses: Targeted airflow cools fuser units and optical sensors where low-vibration is critical for image precision.
3. 2U Rackmount Servers: The 32mm profile and centrifugal design are ideal for lateral heat dissipation in height-constrained chassis as a high-reliability replacement fan.

Supplemental Images

