

# 1036GH-12L-YA-F3 NMB 12VDC 0.15A 100x36mm Centrifugal Blower Fan Datasheet



**Brand:** NMB

**SKU:** 1042004502729

**Category:** Axial & Centrifugal Fans

**Price:** **\$95.71**

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Product Page:

<https://www.equipspares.com/product/1036gh-12l-ya-f3-nmb-12vdc-0-15a-100x36mm-centrifugal-blower-fan>

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## Product Description

NMB 1036GH-12L-YA-F3 is a 100 x 36 mm centrifugal blower fan operating at 12 VDC with a 0.15 A current rating and 1.8 W power consumption. The unit features a high-precision dual ball bearing system and a reinforced plastic impeller housed within a durable UL 94V-0 rated frame. It utilizes a 2-wire lead connection for power input and incorporates a brushless DC motor with integrated electronic commutation and polarity protection for stable performance in high-humidity environments.

1036GH-12L-YA-F3 Specifications

Model: 1036GH-12L-YA-F3

Brand: NMB (MinebeaMitsumi)

Category: Centrifugal Blower Fan

Voltage: 12 VDC

Current: 0.15 A

Power: 1.8 W

Dimensions: 100 x 100 x 36 mm

Bearing Type: Dual Ball Bearing

Speed: 2100 RPM

Airflow: 15.5 CFM

Static Pressure: 0.42 inH<sub>2</sub>O

Noise Level: 42.0 dB

Connection: 2-Wire Lead

Material: Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Life Expectancy: 50,000 Hours

Weight: 180 g

Certifications: UL, CSA, CE, RoHS

#### 1036GH-12L-YA-F3 Applications

Primary applications include integration into domestic refrigerator evaporation units, commercial freezer cooling systems, and medical laboratory refrigeration equipment. Deployed within telecommunications enclosures and server rack thermal management modules requiring high static pressure airflow for localized heat dissipation.

## Supplemental Images

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