

DS08025R12UP289-C01 AVC 12VDC 0.70A 80x80x25mm Axial Fan Datasheet



Brand: AVC

SKU: [1035836024660](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/ds08025r12up289-c01-avc-12vdc-0-70a-80x80x25mm-axial-fan>

Product Description

The AVC DS08025R12UP289-C01 is a high-performance 80mm axial cooling fan engineered for intensive thermal management in compact industrial environments. Operating at a nominal 12VDC with a 0.70A current draw, this unit delivers a substantial airflow of 53.82CFM at speeds reaching 4900RPM. It utilizes an advanced hydraulic bearing system to ensure extended operational longevity and reduced acoustic profiles compared to standard sleeve bearings. The integrated 4-wire PWM interface allows for precise pulse-width modulation speed control, optimizing cooling efficiency based on real-time thermal demands.

DS08025R12UP289-C01 Specifications

Model Number: DS08025R12UP289-C01

Brand: AVC (Asia Vital Components)

Category: DC Axial Fan

Dimensions: 80 x 80 x 25 mm

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 to 13.2VDC

Rated Current: 0.70A

Input Power: 8.4W

Rated Speed: 4900 RPM

Maximum Airflow: 53.82 CFM

Static Pressure: 0.35 in-H₂O

Bearing Type: Hydraulic Bearing

Interface: 4-Wire PWM (Pulse Width Modulation)

Connector Type: Standard 4-Pin

Wire Length: Approx. 180mm

Noise Level: 42.5 dB(A)

Expected Life: 50,000 Hours at 40°C

Frame Material: UL94V-0 Plastic

Impeller Material: UL94V-0 Plastic

Operating Temperature: -10 to +70°C

Storage Temperature: -40 to +75°C

DS08025R12UP289-C01 Applications

High-density thermal dissipation for 1U/2U rackmount servers, industrial workstation chassis, switch-mode power supplies (SMPS), and telecommunications networking enclosures.

Supplemental Images

