

W4D400-DP12-40 ebm-papst 200-230V 400mm IP54 Axial Fan Datasheet



Brand: ebmpapst

SKU: [971384129491](#)

Category: Axial & Centrifugal Fans

Price: **\$1,080.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/w4d400-dp12-40-ebm-papst-200-230v-400mm-ip54-axial-fan>

Product Description

The ebm-papst W4D400-DP12-40 is a robust Axial Fan engineered for demanding industrial thermal management applications. Featuring an advanced AC external rotor motor, this unit delivers consistent airflow with optimized aerodynamic efficiency. The design incorporates a 400mm impeller housed within a durable structure, ensuring structural rigidity and reduced vibration during operation. With an IP54 ingress protection rating, the motor is shielded against dust and splashing water, making it suitable for harsh environments. Its electrical profile supports dual frequency operation, maintaining low thermal impedance while maximizing air throughput for critical cooling systems.

Model Number: W4D400-DP12-40

Brand: ebm-papst

Product Type: Axial Fan

Rated Voltage: 200 - 230 V

Frequency: 50 / 60 Hz

Power Input: 175 / 225 W

Rated Speed: 1430 / 1640 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 2295 CFM (3900 m³/h)

Max. Static Pressure: 14.2 mmH₂O (140 Pa)

Dimensions: 400mm Diameter

Ingress Protection: IP54

Motor Technology: AC External Rotor

Phase: 3-Phase

Material: Coated Steel

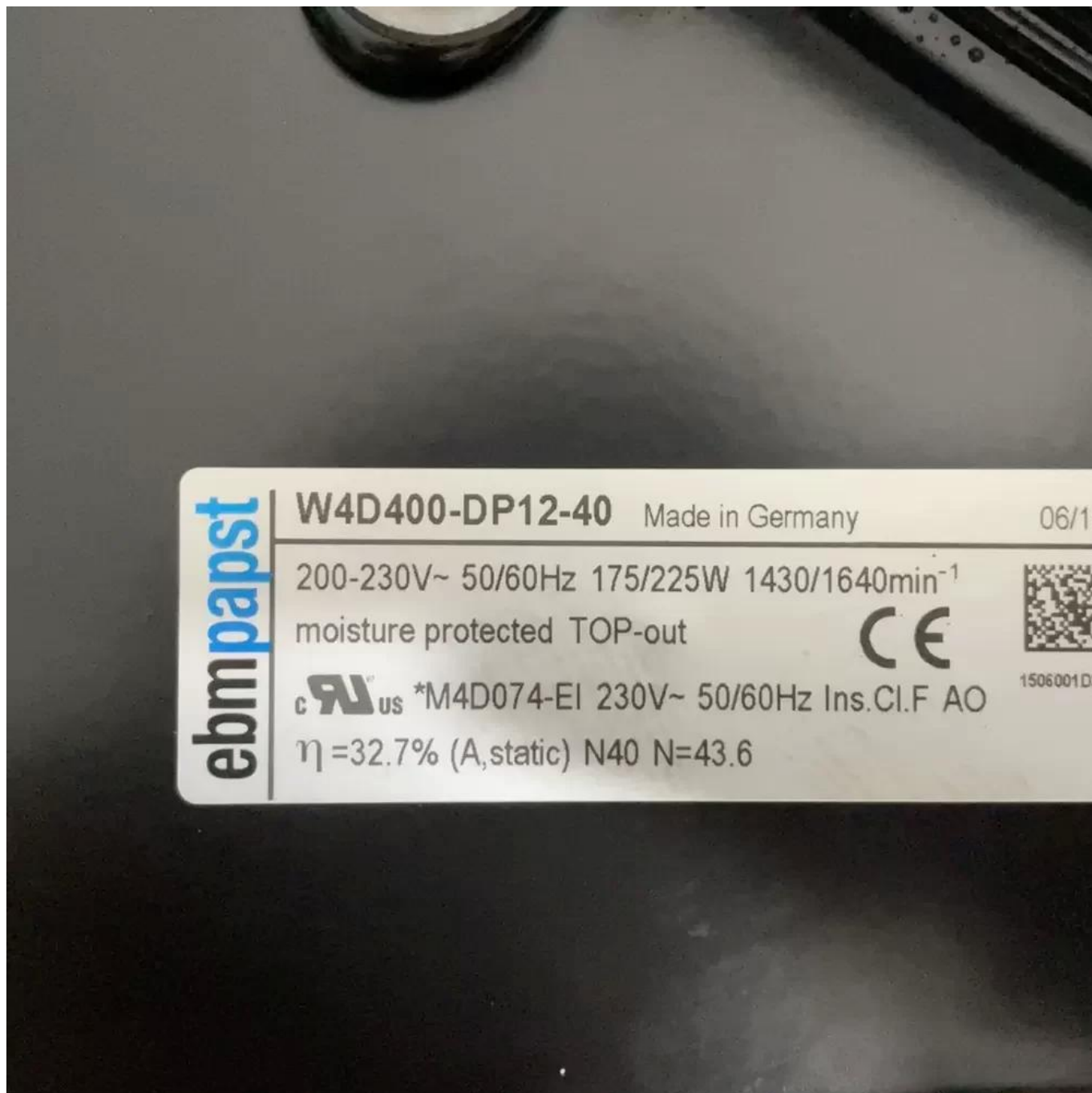
Operating Temperature: -25°C to +60°C

Mounting Orientation: Any

Application: Industrial Ventilation

The W4D400-DP12-40 is widely utilized in industrial ventilation systems requiring reliable air movement and heat dissipation. Common deployments include large-scale server rack cooling, condenser units, and facility air exchange modules where consistent performance is critical. The W4D400-DP12-40 excels in these environments due to its rugged construction and ability to operate effectively under varying electrical loads, ensuring equipment longevity in telecom and manufacturing sectors.

Supplemental Images



ebm-papst

W4D400-DP12-40 Made in Germany

06/15

200-230V~ 50/60Hz 175/225W 1430/1640min⁻¹

moisture protected TOP-out



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 **us** *M4D074-EI 230V~ 50/60Hz Ins.Cl.F AO

η = 32.7% (A,static) N40 N=43.6