

DE036BRKXX0S ebmpapst 100-240V 11W Q-motor EC axial fan

SKU: 8317080724

Price: \$30.00

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/de036brkxx0s-ebmpapst-100-240v-11w-q-motor-ec-axial-fan/>

Product Description

The ebmpapst 8317080724 DE036BRKXX0S is a high-efficiency GreenTech EC motor fan designed as an energy-saving 1:1 replacement for traditional 5W-output shaded-pole (Q-type) motors. Featuring a universal 100-240V input and a robust IP65 protection rating, this fan is engineered for the rigorous demands of commercial refrigeration and industrial cooling. By integrating advanced EC electronics within the compact "square motor" form factor, it delivers a stable speed of up to 1550 RPM while significantly reducing power consumption compared to standard induction motors. Its maintenance-free ball bearing system and moisture-resistant construction ensure reliable performance in continuous-duty applications.

8317080724 Fan Parameters

Manufacturer: ebmpapst

Model Number: DE036BRKXX0S

Part Number: 8317080724

Type: EC axial fan (Q-motor replacement)

Phase: 1~

Nominal Voltage: 100 - 240 V

Nominal Voltage Range: 85 - 264 VAC

Frequency: 50/60 Hz

Weight: 0.5 kg

[Electrical Data]

Input Power: 11 W

Power Output (50 Hz): 5.1 W

Power Output (60 Hz): 5.2 W

Nominal Speed (50 Hz): 1300 RPM

Nominal Speed (60 Hz): 1550 RPM

Current Draw: 0.09 - 0.18 A

Motor Protection: Thermal overload protector (TOP) internally connected

Insulation Class: B

Termination: 2 lead wires (flexible cable)

[Performance & Acoustics]

Max. Air Flow: 223.7 CFM (380.0 m³/h / 6.33 m³/min)

Max. Static Pressure: 4.08 mmH₂O (40.0 Pa / 0.16 inH₂O)

Sound Pressure Level: 42 dB(A)

Direction of Rotation: Counterclockwise (viewed toward shaft end)

Airflow Direction: Varies by attached impeller (Exhaust/Intake)

[Materials & Construction]

Housing Material: Die-cast aluminum

Impeller Material: Glass-fiber reinforced plastic or Aluminum

Motor Bearing: Ball Bearing

Installation Position: Any

Degree of Protection: IP65

[Reliability & Safety Standards]

Min. Ambient Temperature: -30 °C

Max. Ambient Temperature: 50 °C

Min. Storage Temperature: -40 °C

Max. Storage Temperature: 80 °C

Standard Compliance: EN 60335-1, CE

Approval Agency: VDE, UL, CSA, CCC

Application

The ebmpapst 8317080724 DE036BRKXX0S EC fan is used in supermarket refrigerated display cases, bottle coolers, commercial freezers, cold storage evaporators, and condensing units where moisture resistance and energy efficiency are critical.

Product Images









Scan for product details:

