



## M4Q045-BD01-01 ebmpapst

Brand: ebmpapst

SKU: M4Q045-BD01-01

Category: Fan Motors

URL: <https://www.fansco.com/item/m4q045-bd01-01-ebmpapst/>

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## Product Description

M4Q045-BD01-01 ebmpapst 230VAC 0.19A motor

The M4Q045-BD01-01 from ebm-papst is a robust and versatile single-phase AC shaded-pole motor, often referred to as a Q-motor or fan motor. Designed for a variety of applications, it is commonly utilized in refrigeration, ventilation systems, and condenser units.

This motor operates at a nominal voltage of 230VAC and is compatible with both 50Hz and 60Hz frequencies. At 50Hz, it typically delivers a speed of 1300 RPM with a current draw of approximately 0.19A and an input power of 29W, resulting in a 5W output power. When operating at 60Hz, the speed increases to around 1550 RPM, with a slightly lower current draw of 0.17A and an input power of 26W, while maintaining a 5W output.

Key features of the M4Q045-BD01-01 include its counter-clockwise direction of rotation (viewed from the rotor end) and an IP42 rating, offering protection against solid objects larger than 1mm and dripping water. The motor is designed to operate reliably within an ambient temperature range of -30°C to 40°C. It typically features a calotte bearing or sleeve bearing system and has an insulation class of "B". The motor incorporates impedance protection and has a net weight of approximately 0.85 kg. With its die-cast aluminum bearing shield, the M4Q045-BD01-01 is built for durability and consistent performance in demanding environments.

## Technical Specifications

Attribute	Value
Part number	M4Q045-BD01-01
Manufacturer	ebm-papst
Dimensions	83x83x74 mm
Voltage Rating	230 VAC
Current Rating	0.19 A

**ebmpapst**

**M4Q045-BD01-01**

230V~50Hz 0.19A 29/5W (输入/输出)1300 r/min

230V~60Hz 0.17A 26/5W (输入/输出)1550 r/min

制造商:ebm-papst Mulfingen GmbH & Co.KG CN(X) In.Cl.F级 IP42 ZP

EAC



CE

28/22

型号:M4Q045-BD01

罩极电动机



REG F 158



