



M4Q045-EF01-52 ebmpapst

Brand: ebmpapst

SKU: M4Q045-EF01-52

Category: Fan Motors

URL: <https://www.fansco.com/item/m4q045-ef01-52-ebmpapst/>

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Product Description

M4Q045-EF01-52 ebmpapst 230VAC 0.75A 34W IP42 fan motor

The ebm-papst M4Q045-EF01-52 is a single-phase AC shaded-pole motor, part of the Q-motor series, designed for a nominal voltage of 230VAC and capable of operating at dual frequencies of 50Hz and 60Hz. When operating at 50Hz, this motor typically achieves a speed of approximately 1300 RPM, consumes around 110W of input power to deliver an output power of 34W, and draws a current of about 0.75A, with a starting current noted at approximately 1.2A for closely related models like the M4Q045-EF01-01. At a 60Hz frequency, the operational speed increases to a range of approximately 1500 to 1550 RPM, with the input power consumption reducing to around 100W while maintaining the 34W power output. The current draw at 60Hz is approximately 0.65A, and the starting current for similar models is noted around 0.95A. This motor is designed to function reliably within an ambient temperature range of -30°C to +40°C.

Technical Specifications

Attribute	Value
Part number	M4Q045-EF01-52
Manufacturer	ebm-papst
Dimensions	45 mm
Voltage Rating	230 VAC
Current Rating	0.75 A
Frequency	50/60 Hz
Fan Speed	1300 RPM 1550 RPM
Power Rating	34 W
IP Rating	IP42



