

Electronically Commutated Motor ECQ12

The ECQ12 motor is a high-efficiency motor controlled electronically. It offers multiple protections to ensure stable, reliable, and long-lasting performance.



ADDITIONAL IMAGES

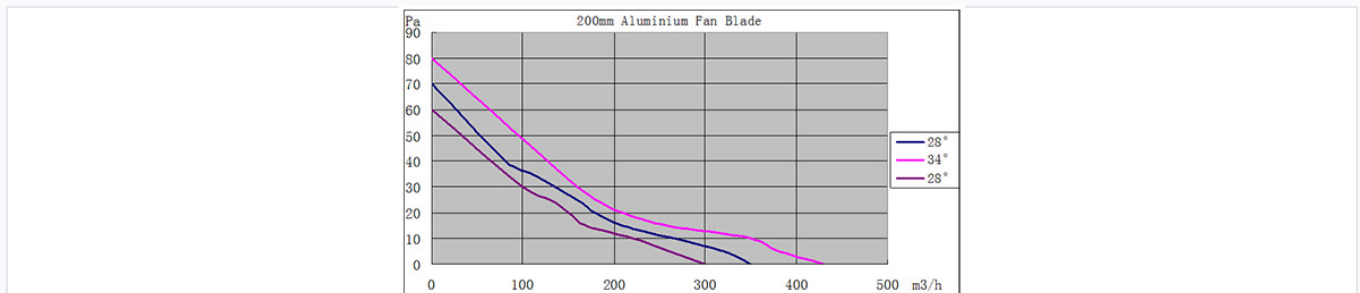


Overview

High-Efficiency EC Motor

The ECQ12 is a high-efficiency electronically commutated motor designed for reliable performance in refrigeration and HVAC applications. It offers advanced control options including constant speed, two-speed, and full-speed modes with CW/CCW rotation. Engineered for durability, it features an IP66 safety rating and is fully compatible with traditional motor installations for easy replacement.

Technical Specifications



Air performance curves measured at 1,300 rpm, showing the relationship between static pressure and airflow for different blade angles.

Certifications

VDE (40043041) • UL (E221116)

Max Efficiency

70 %

IP Rating

IP66

Control Features

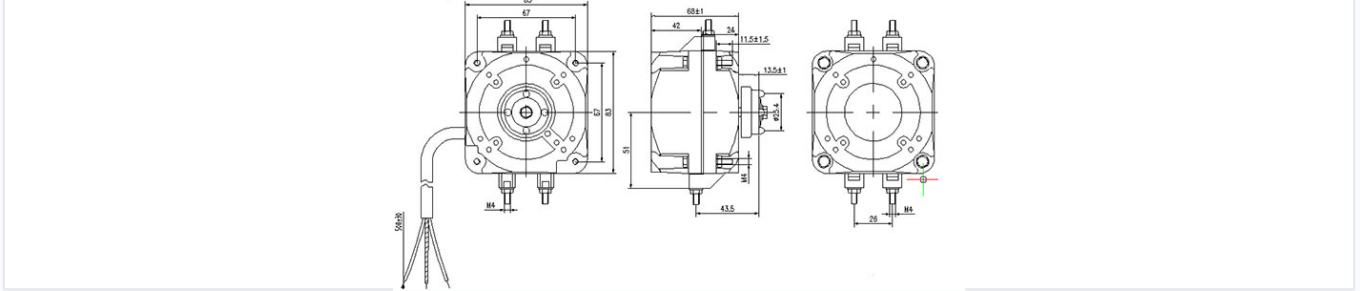
Constant Speed, Two Speed, Full Speed, CW/CCW

Model Comparison

Electrical Parameters

Model	Voltage (V)	Speed (rpm)	Power (W)	Mass (kg)
ECQ12A230	198-253	1300/1550	22/15	0.6
ECQ12A115	90-128	1300/1550	22/15	0.6

Dimensions and Mounting



Dimensional drawing highlighting the 83x83mm square body, M4 mounting points, and shaft specifications.

Mounting Features

- Square body dimensions: 83x83mm
- Central shaft diameter: 25.4mm
- Mounting thread: M4
- Wiring length: 500mm (+30mm tolerance)