

## MM03C-503-00

Industrial automation components

<b>Manufacturer</b>	Sew-Eurodrive
<b>Catalog number</b>	mm03c-503-00
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	1.37 kgs
<b>Voltage</b>	500 V
<b>Horsepower</b>	0.37 KW
<b>Power</b>	0.37 kW
<b>Frequency</b>	50 - 60 Hz
<b>Cooling Capacity</b>	0.37 kW
<b>Product Type</b>	Inverter
<b>Signal Level</b>	500 V

### Description

The Sew-Eurodrive MM03C-503-00 is a frequency inverter from the MOVIMOT® series, designed for direct mounting on motors in decentralized drive systems. It offers a compact solution for applications requiring variable speed control, such as conveyor systems, material handling, and packaging machinery. Key features include a supply voltage range of 380–500 V AC, a motor power range from 0.37 kW to 3 kW, and an output frequency range of 2–100 Hz with 0.01 Hz resolution. The inverter supports communication protocols like AS-Interface, Profibus, and CANopen, and provides protection classes IP54/IP65. Its integrated brake chopper and vector-oriented motor control enhance performance and efficiency. The device operates with a self-cooling system and is suitable for ambient temperatures up to 40°C, with derating above 1000 m altitude. The MM03C-503-00 is ideal for applications requiring precise speed and torque control in a compact and efficient package.