

MOVIMOT MM..D

Product Data Sheet

MM15D-503-00

Decentralized AC Drive Inverter

S1 MOTOR POWER AT 400 V 1.5 kW	APPARENT OUTPUT POWER 2.8 kVA	MAINS CONNECTION 3 x 380 to 500 V AC	PERMITTED MAINS VOLTAGE TOLERANCE 380 V -10% to 500 V +10%
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SEW MM15D-503-00 is a MOVIMOT MM..D decentralized frequency inverter for compatible AC motors. It belongs to the three-phase 380 to 500 V supply class and provides a 1.5 kW S1 motor-power rating at the documented 400 V operating point, supporting distributed motor-driven production and handling.

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VERIFIED TECHNICAL DATA

S1 motor power at 400 V	1.5 kW
Apparent output power	2.8 kVA
Mains connection	3 x 380 to 500 V AC
Permitted mains voltage tolerance	380 V -10% to 500 V +10%
Line frequency	50 to 60 Hz ±10%
Nominal line current at 400 V	3.5 A
Nominal output current	4.0 A
Output voltage	0 to mains voltage
Output frequency	2 to 120 Hz
Frequency resolution	0.01 Hz

ADDITIONAL PRODUCT DATA

Power factor	0.99
PWM frequencies	4 / 8 / 16 kHz
Current limitation	160% of nominal output current
Motor cable length for close mounting	15 m maximum with SEW hybrid cable
Cooling method	Natural cooling

DOCUMENTED USE SETTINGS

Material Handling and Distribution Logistics: Warehouse Material Handling.

Packaging Production and Consumer Goods Manufacturing: Consumer Goods Packaging Production.

Food Processing and Beverage Production: Food Production and Processing.

SYSTEM COMPATIBILITY

MM15D-503-00 must be paired with the motor and drive-identification module specified for the MOVIMOT MM..D configuration. The 400 V table assigns 1.5 kW S1 motor power and 4.0 A nominal output current to this inverter.

PRODUCT EVIDENCE

SEW-EURODRIVE MOVIMOT MM..D product manual 33953961/EN, April 2026, pp. 33 to 36