

PRODUCT-DETAILS

ESM13E-851-152-T2N0A00

eSM series motor, 220 VAC, flange size 130 mm, high inertia, 0.85 kW, SmartAbs MT, no brake, key, no seal



General Information	
Global Commercial Alias	ESM13E-851-152-T2N0A00
Product ID	3ABD00045548
ABB Type Designation	ESM13E-851-152-T2N0A00
Catalog Description	eSM series motor, 220 VAC, flange size 130 mm, high inertia, 0.85 kW, SmartAbs MT, no brake, key, no seal
Long Description	eSM servo motor is available in various flange sizes, with high torque density and quick dynamic response. The servo motors have a high reliable, low-maintenance, and energy efficient design. Combined with the MotiFlex e180 and MicroFlex e190 servo drives, the overall system reliability and efficiency are greatly improved. eSM motor encoder provides precise position information. An absolute encoder can eliminate homing cycles, reducing machine set-up time. All features make the motor meet the demands of higher productivity and product quality.

Ordering	
Country of Origin	Finland (FI)
Customs Tariff Number	8501520000
Invoice Description	eSM series motor, 220 VAC, flange size 130 mm, high inertia, 0.85 kW, SmartAbs MT, no brake, key, no seal
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece

Quote Only	No
Selling Unit of Measure	piece

Dimensions

Product Net Weight	0 kg
Product Net Depth / Length	154.3 mm
Product Net Height	183.4 mm
Product Net Width	130 mm
Package Level 1 Units	1 carton

Technical

Number of Phases	3
Degree of Protection	IP67
Frame Size	A
Input Voltage (U <sub>in</sub> )	220 V

Additional Information

Product Name	eSM servo motor
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Classifications

UNSPSC	26101109
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Environmental

WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
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Categories

Drives → Low Voltage AC Drives → Servo Products → AC servo motors → ESM servo motors

