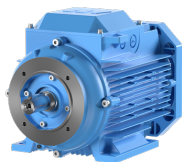


PRODUCT-DETAILS

3GAA111320-CSK843
(3GAA111320-CSK843)



General Information

Product ID	3GAA111320-CSK843
ABB Type Designation	M3AA 112MB 2
Catalog Description	(3GAA111320-CSK843)

Ordering

ABB Type Designation	M3AA 112MB 2
Invoice Description	M3AA 112MB 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA3_M3AA_IE3_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Romania (RO)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	4.00 kW	2888 r/min	7.10 A	0.910	88.10 %	13.20 N·m	8.40
D	--	50 Hz	230 V	4.00 kW	2888 r/min	12.30 A	0.910	88.10 %	13.20 N·m	8.40
Y	--	50 Hz	380 V	4.00 kW	2874 r/min	7.50 A	0.920	88.10 %	13.30 N·m	7.60
D	--	50 Hz	220 V	4.00 kW	2874 r/min	13.00 A	0.920	88.10 %	13.30 N·m	7.60
Y	--	50 Hz	415 V	4.00 kW	2897 r/min	6.90 A	0.900	88.10 %	13.20 N·m	9.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 88.1 % Partial Load (75%) 89.4 % Partial Load (50%) 89.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 88.5 % Partial Load (75%) 88.9 % Partial Load (50%) 87.9 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

Mechanical

Frame Material	Aluminum
Frame Size	112
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	38 kg
Gross Weight	43 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

