

PRODUCT-DETAILS

3GAA072311-BSE843

IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA072311-BSE843)



General Information	
Product ID	3GAA072311-BSE843
ABB Type Designation	M3AA 71A 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA072311-BSE843)

Ordering	
ABB Type Designation	M3AA 71A 4
Invoice Description	M3AA 71A 4
Product Name	3-Phase squirrel cage motor
Product Type	3AA2__M3AA_IE2_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	85015100
Stocked At (Warehouses)	Menden, Germany
Medium Description	0.25kW, 4P, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA072311-BSE843)
Short Description	0.25kW, 4P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical											
Electrical Data											
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
Y	--	50 Hz	400 V	0.25 kW	1430 r/min	0.76 A	0.670	68.50 %	1.67 N·m	4.70	
D	--	50 Hz	230 V	0.25 kW	1430 r/min	1.31 A	0.670	68.50 %	1.67 N·m	4.70	
Connection Configuration										Y	
Temperature Class Default										--	
Input Voltage (U _{in})										400 V	
Frequency (f)										50 Hz	
Output Power										0.25 kW	
Altitude										1000 m	
Ambient Temperature										40 °C	
IC Class										IC411	
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 68.5 % Partial Load (75%) 66.8 % Partial Load (50%) 59.9 %	
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 70.0 % Partial Load (75%) 67.4 % Partial Load (50%) 60.1 %	
IP Class										IP55	
Insulation Class										ICLF	
Direction of Rotation										Both sides	
Number of Poles (High)										4	
Two Speed Motor										No	
Type of Duty										S1	
Voltage Code										S	
Mechanical											
Frame Material										Aluminum	
Frame Size										71	
Bearing										6203-2Z/C3	
Bearing NDE										6202-2Z/C3	
IM Class										IMB5 IM3001	
Terminator Box Location										Top	
Dimensions											
Package Level 1 Units										0 carton	
Product Net Depth / Length										239.5 mm	
Product Net Height										180 mm	
Product Net Width										136 mm	
Product Net Weight										5.2 kg	
Gross Weight										8.2 kg	

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

Classifications	
UNSPSC	26101100

Categories	
Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors	

