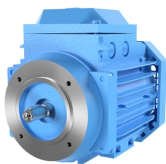




PRODUCT-DETAILS

3GAA061312-CFF

IE2 High Efficiency Aluminum Motors, 0.25 kW, 500 V (3GAA061312-CFF)



General Information	
Product ID	3GAA061312-CFF
ABB Type Designation	M3AA 63B 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.25 kW, 500 V (3GAA061312-CFF)

Ordering	
ABB Type Designation	M3AA 63B 2
Invoice Description	M3AA 63B 2
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	China (CN)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA061002-CFE
Medium Description	0.25kW, 2 Poles, Frame Size 63, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA061312-CFF)
Short Description	0.25kW, 2P, Frame Size 63, 3PH, 500V, 50Hz, IP55, IMB14/IM3601

Electrical											
Electrical Data											
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
Y	--	50 Hz	500 V	0.25 kW	2790 r/min	0.53 A	0.760	71.40 %	0.86 N·m	4.80	
Y	--	60 Hz	575 V	0.25 kW	3420 r/min	0.48 A	0.710	73.80 %	0.69 N·m	5.70	
Connection Configuration										Y	
Temperature Class Default										--	
Input Voltage (U _{in})										500 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 IE3 Full Load (100%) 71.4 % Partial Load (75%) 70.1 % Partial Load (50%) 64.7 %	
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 73.8 % Partial Load (75%) 71.6 % Partial Load (50%) 65.4 %	
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										F	
Mechanical											
Frame Material										Aluminum	
Frame Size										63	
Bearing										6201-2Z/C3	
Bearing NDE										6201-2Z/C3	
IM Class										IMB14 IM3601	
Terminator Box Location										D-End top	
Dimensions											
Package Level 1 Units										0 carton	
Product Net Depth / Length										208 mm	
Product Net Height										154 mm	
Product Net Width										124 mm	
Product Net Weight										4.1 kg	
Gross Weight										5.1 kg	

Classifications	
UNSPSC	26101100

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

