



PRODUCT-DETAILS

3GAA062313-CSF

IE2 High Efficiency Aluminum Motors, 0.25 kW,
400 V (3GAA062313-CSF)



General Information

Product ID	3GAA062313-CSF
ABB Type Designation	M3AA 63C 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA062313-CSF)

Ordering

ABB Type Designation	M3AA 63C 4
Invoice Description	M3AA 63C 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	China (CN)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GAA062003-CSC 3GVA062003-CSC 3GAA062003-CSE
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain Vittuone, Italy
Medium Description	0.25kW, 4 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA062313-CSF)

Short Description0.25kW, 4P, Frame Size 63, 3PH, 400V, 50Hz, IP55, IMB14/IM3601

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	1374 r/min	0.70 A	0.700	68.50 %	1.70 N·m	3.10
D	--	50 Hz	230 V	0.25 kW	1374 r/min	1.21 A	0.700	68.50 %	1.70 N·m	3.10
Y	--	60 Hz	460 V	0.25 kW	1715 r/min	0.63 A	0.670	70.00 %	1.44 N·m	3.70

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%) 68.8 % Partial Load (50%) 64.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 70.0 % Partial Load (75%) 66.0 % Partial Load (50%) 62.3 %
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	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	5 kg
Gross Weight	6 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications	
UNSPSC	26101100

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

