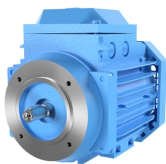


PRODUCT-DETAILS

# 3GAA061311-CSF

## IE2 High Efficiency Aluminum Motors, 0.18 kW, 400 V (3GAA061311-CSF)



General Information	
Product ID	3GAA061311-CSF
ABB Type Designation	M3AA 63A 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.18 kW, 400 V (3GAA061311-CSF)

Ordering	
ABB Type Designation	M3AA 63A 2
Invoice Description	M3AA 63A 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)	3GAA061001-CSC 3GAA061311-CSC 3GAA061001-CSE 3GAA061311-CSE
Stocked At	Menden, Germany

(Warehouses)	Sant Quirze del Vallés - BCN, Spain Vittuone, Italy
Medium Description	0.18kW, 2 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA061311-CSF)
Short Description	0.18kW, 2P, 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	0.18 kW	2790 r/min	0.51 A	0.750	60.40 %	0.61 N·m	4.50
D	--	50 Hz	230 V	0.18 kW	2790 r/min	0.88 A	0.750	60.40 %	0.61 N·m	4.50
Y	--	60 Hz	460 V	0.18 kW	3420 r/min	0.46 A	0.700	64.00 %	0.50 N·m	5.30
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U <sub>in</sub> )										400 V
Frequency (f)										50 Hz
Output Power										0.18 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 60.4 % Partial Load (75%) 57.8 % Partial Load (50%) 49.5 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 64.0 % Partial Load (75%) 60.2 % Partial Load (50%) 51.4 %
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										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
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Product Net Depth / Length	208 mm
Product Net Height	154 mm
Product Net Width	124 mm
Product Net Weight	3.7 kg
Gross Weight	4.7 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 → IE2 High Efficiency Aluminum Motors

