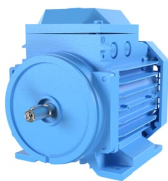




PRODUCT-DETAILS

# 3GAA061313-ASF

## IE2 High Efficiency Aluminum Motors, 0.37 kW, 400 V (3GAA061313-ASF)



General Information	
Product ID	3GAA061313-ASF
ABB Type Designation	M3AA 63C 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.37 kW, 400 V (3GAA061313-ASF)

Ordering	
ABB Type Designation	M3AA 63C 2
Invoice Description	M3AA 63C 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)	3GVA061003-ASC 3GAA061003-ASE 3GAA061003-ASC
Stocked At (Warehouses)	Menden, Germany Vittuone, Italy

Medium Description	0.37kW, 2 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA061313-ASF)
Short Description	0.37kW, 2P, Frame Size 63, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.37 kW	2750 r/min	0.96 A	0.780	69.50 %	1.28 N·m	4.70
D	--	50 Hz	230 V	0.37 kW	2750 r/min	1.66 A	0.780	69.50 %	1.28 N·m	4.70
Y	--	60 Hz	460 V	0.37 kW	3535 r/min	0.85 A	0.720	72.00 %	1.00 N·m	5.60

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	400 V
Frequency (f)	50 Hz
Output Power	0.37 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 69.5 % Partial Load (75%) 68.8 % Partial Load (50%) 63.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 72.0 % Partial Load (75%) 70.2 % Partial Load (50%) 63.9 %
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	63
Bearing	6201-2Z/C3
Bearing NDE	6201-2Z/C3
IM Class	IMB3 IM1001
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	4.6 kg
Gross Weight	5.6 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

