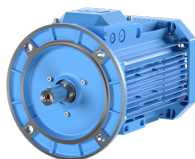


PRODUCT-DETAILS

# 3GAA081313-BDE

## IE2 High Efficiency Aluminum Motors, 1.1 kW, 400 V (3GAA081313-BDE)



### General Information

Product ID	3GAA081313-BDE
ABB Type Designation	M3AA 80C 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 1.1 kW, 400 V (3GAA081313-BDE)

### Additional Information

ABB Type Designation	M3AA 80C 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Connection Configuration	D
Country of Origin	Italy (IT) China (CN)
Customs Tariff Number	85015220

#### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	1.10 kW	2873 r/min	1.43 A	0.800	80.60 %	3.70 N·m	7.80
D	--	50 Hz	400 V	1.10 kW	2875 r/min	2.40 A	0.800	80.60 %	3.60 N·m	7.80
D	--	60 Hz	460 V	1.10 kW	3490 r/min	2.10 A	0.780	82.60 %	3.00 N·m	9.10

Frame Material	Aluminum
Frame Size	80
Frequency (f)	50 Hz
Gross Weight	14 kg

IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 80.6 % Partial Load (75%) 80.4 % Partial Load (50%) 77.9 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 82.6 % Partial Load (75%) 81.9 % Partial Load (50%) 78.7 %
IM Class	IMB5 IM3001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 80C 2
IP Class	IP55
Lubrication	For life
Made To Order	No
Medium Description	1.1kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA081313-BDE)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	1.1 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	292.5 mm
Product Net Height	193.5 mm
Product Net Weight	11 kg
Product Net Width	154 mm
Product Type	3AA2 M3AA IE2 AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	1.1kW, 2P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany Vittuone, Italy
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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

