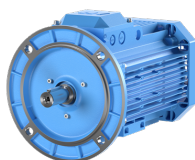


PRODUCT-DETAILS

## 3GAA072312-BSE

IE2 High Efficiency Aluminum Motors, 0.37 kW, 400 V (3GAA072312-BSE)



### General Information

Product ID	3GAA072312-BSE
ABB Type Designation	M3AA 71B 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.37 kW, 400 V (3GAA072312-BSE)

### Ordering

ABB Type Designation	M3AA 71B 4
Invoice Description	M3AA 71B 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
Stocked At (Warehouses)	Menden, Germany Sant Quirze del Vallés - BCN, Spain Shanghai, China Vittuone, Italy
Medium Description	0.37kW, 4 Poles, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure,

IMB5/IM3001 Mounting (3GAA072312-BSE)

Short Description 0.37kW, 4P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

## 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	1411 r/min	0.96 A	0.740	72.70 %	2.50 N·m	5.20
D	--	50 Hz	230 V	0.37 kW	1411 r/min	1.65 A	0.740	72.70 %	2.50 N·m	5.20
Y	--	60 Hz	460 V	0.37 kW	1725 r/min	0.86 A	0.700	72.00 %	2.04 N·m	6.10

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%) 72.7 %  
 Partial Load (75%) 73.3 %  
 Partial Load (50%) 69.9 %

IE Class Data (60 Hz) IE Class IE2  
 Full Load (100%) 72.0 %  
 Partial Load (75%) 71.2 %  
 Partial Load (50%) 66.2 %

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 71

Bearing 6203-2Z/C3

Bearing NDE 6202-2Z/C3

Lubrication For life

IM Class IMB5 IM3001

Terminator Box Location Top

## Dimensions

Package Level 1 Units 0 carton

Product Net Depth / Length 239.5 mm

Product Net Height	180 mm
Product Net Width	136 mm
Product Net Weight	5,9 kg
Gross Weight	8,9 kg

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## Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

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## Classifications

Standards	IEC 60034-1
UNSPSC	26101100

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## Categories

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

