

PRODUCT-DETAILS

## 3GAA074002-ASE

### IE2 High Efficiency Aluminum Motors, 0.12 kW, 400 V (3GAA074002-ASE)



#### General Information

Product ID	3GAA074002-ASE
ABB Type Designation	M3AA 71B 8
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.12 kW, 400 V (3GAA074002-ASE)

#### Additional Information

ABB Type Designation	M3AA 71B 8
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
Connection Configuration	Y
Country of Origin	Italy (IT) Finland (FI) China (CN) Romania (RO)
Customs Tariff Number	85015100

#### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.12 kW	680 r/min	0.56 A	0.600	39.80 %	1.68 N·m	2.30
D	--	50 Hz	230 V	0.12 kW	680 r/min	0.97 A	0.600	39.80 %	1.68 N·m	2.30
Y	--	60 Hz	460 V	0.12 kW	840 r/min	0.53 A	0.520	40.00 %	1.36 N·m	2.90

Frame Material	Aluminum
Frame Size	71
Frequency (f)	50 Hz
Gross Weight	9.5 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 39.8 % Partial Load (75%) 36.4 % Partial Load (50%) 26.6 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 40.0 % Partial Load (75%) 35.9 % Partial Load (50%) 25.5 %
IM Class	IMB3 IM1001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 71B 8
IP Class	IP55
Lubrication	For life
Made To Order	No
Medium Description	0.12kW, 8 Poles, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA074002-ASE)
Minimum Order Quantity	1 piece
Number of Poles (High)	8
Order Multiple	1 piece
Output Power	0.12 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	239.5 mm
Product Net Height	180 mm
Product Net Weight	6.5 kg
Product Net Width	136 mm
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GVA074002-ASD
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	0.12kW, 8P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany Shanghai, China Vittuone, Italy
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
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

