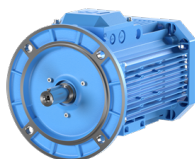




PRODUCT-DETAILS

3GAA072311-BSE

IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA072311-BSE)



General Information

Product ID:	3GAA072311-BSE
ABB Type Designation:	M3AA 71A 4
Catalog Description:	IE2 High Efficiency Aluminum Motors, 0.25 kW, 400 V (3GAA072311-BSE)
Display Name:	3GAA072311-BSE

Ordering

ABB Type Designation:	M3AA 71A 4
Invoice Description:	M3AA 71A 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3AA2__M3AA_IE2_AA
Country of Origin:	China Romania
Customs Tariff Number:	85015100

Stocked At (Warehouses):	Menden, Germany Sant Quirze del Vallés - BCN, Spain Shanghai, China Vittuone, Italy
Medium Description:	0.25kW, 4 Poles, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA072311-BSE)
Short Description:	0.25kW, 4P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.25 kW	1430 r/min	0.76 A	0.670	68.50 %	1.67 N-m	4.70
D	--	50 Hz	230 V	0.25 kW	1430 r/min	1.31 A	0.670	68.50 %	1.67 N-m	4.70
Y	--	60 Hz	460 V	0.25 kW	1743 r/min	0.70 A	0.610	70.00 %	1.39 N-m	5.40

Connection Configuration:	Y
Temperature Class Default:	--
Input Voltage (U_{in}):	400 V
Frequency (f):	50 Hz
Output Power:	0.25 kW
Altitude:	1000 m
Ambient Temperature:	40 °C
IC Class:	IC411
IE Class Data (50 Hz):	IE Class IE2 Full Load (100%) 68.5 % Partial Load (75%) 66.8 % Partial Load (50%) 59.9 %
IE Class Data (60 Hz):	IE Class IE2 Full Load (100%) 70.0 % Partial Load (75%) 67.4 % Partial Load (50%) 60.1 %
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

Product Net Depth / Length:	239.5 mm
Product Net Height:	180 mm
Product Net Width:	136 mm
Product Net Weight:	5.2 kg
Gross Weight:	8.2 kg

Environmental

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

External Classifications and Standards

Standards:	IEC 60034-1
UNSPSC:	26101100

Categories

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

