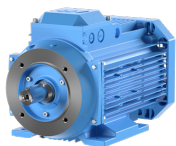


PRODUCT-DETAILS

3GAA081312-JSE

IE2 High Efficiency Aluminum Motors, 0.75 kW, 400 V (3GAA081312-JSE)



General Information

Product ID	3GAA081312-JSE
ABB Type Designation	M3AA 80B 2
Catalog Description	IE2 High Efficiency Aluminum Motors, 0.75 kW, 400 V (3GAA081312-JSE)
Long Description	M2AA 80 B-2

Ordering

ABB Type Designation	M3AA 80B 2
Invoice Description	M2AA 80 B-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	Italy (IT) Romania (RO) China (CN)
Customs Tariff Number	85015100
Medium Description	0.75kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB34/IM2101 Mounting (3GAA081312-JSE)
Short Description	0.75kW, 2P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB34/IM2101

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	230 V	0.75 kW	2880 r/min	3.00 A	0.760	80.30 %	2.40 N·m	7.20
Y	--	50 Hz	400 V	0.75 kW	2880 r/min	1.77 A	0.760	80.30 %	2.40 N·m	7.20
Y	--	60 Hz	460 V	0.75 kW	3495 r/min	1.44 A	0.810	80.70 %	2.00 N·m	9.10
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U _{in})										400 V
Frequency (f)										50 Hz
Output Power										0.75 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 80.3 % Partial Load (75%) 80.0 % Partial Load (50%) 76.7 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 80.7 %
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	80
Bearing	6204-2ZC3
Bearing NDE	6203-2ZC3
Lubrication	For life
IM Class	IMB34 IM2101
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	292.5 mm
Product Net Height	193.5 mm
Product Net Width	154 mm
Product Net Weight	10.5 kg
Gross Weight	11 kg

Environmental

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

Classifications	
Standards	IEC 60034-1
UNSPSC	26101100

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

