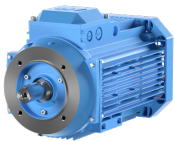




PRODUCT-DETAILS

3GAA081612-CSJ

IE3 Premium Efficiency Aluminum Motors, 0.75 kW, 400 V (3GAA081612-CSJ)



General Information	
Product ID	3GAA081612-CSJ
ABB Type Designation	M3AA 80B 2
Catalog Description	IE3 Premium Efficiency Aluminum Motors, 0.75 kW, 400 V (3GAA081612-CSJ)

Ordering	
ABB Type Designation	M3AA 80B 2
Invoice Description	M3AA 80B 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA0_M3AA_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)	Vittuone, Italy
Medium Description	0.75kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GAA081612-CSJ)
Short Description	0.75kW, 2P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB14/IM3601

Electrical											
Electrical Data											
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
Y	--	50 Hz	400 V	0.75 kW	2885 r/min	1.70 A	0.760	80.70 %	2.50 N·m	7.50	
D	--	50 Hz	230 V	0.75 kW	2885 r/min	2.94 A	0.760	80.70 %	2.50 N·m	7.50	
Y	--	50 Hz	415 V	0.75 kW	2894 r/min	1.72 A	0.760	80.70 %	2.49 N·m	7.60	
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 IE3 Full Load (100%) 80.7 % Partial Load (75%) 79.5 % Partial Load (50%) 74.6 %
IP Class											IP55
Insulation Class											ICLF
Number of Poles (High)											2
Two Speed Motor											No
Type of Duty											S1
Voltage Code											S
Mechanical											
Frame Material											Aluminum
Frame Size											80
Bearing											6204-2Z/C3
Bearing NDE											6203-2Z/C3
IM Class											IMB14 IM3601
Terminator Box Location											Top
Dimensions											
Package Level 1 Units											0 carton
Product Net Depth / Length											265.5 mm
Product Net Height											193.5 mm
Product Net Width											154 mm
Product Net Weight											9.4 kg
Gross Weight											12.4 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 → IE3 Premium Efficiency Aluminum Motors

