

PRODUCT-DETAILS

3GAA081312-ADE

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



General Information

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

Additional Information

ABB Type Designation	M3AA 80B 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Connection Configuration	D
Country of Origin	Italy (IT) China (CN)
Customs Tariff Number	85015100
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	0.75 kW	2894 r/min	0.99 A	0.780	77.40 %	2.50 N-m	8.10
D	--	50 Hz	400 V	0.75 kW	2895 r/min	1.70 A	0.790	77.40 %	2.40 N-m	8.10
D	--	60 Hz	460 V	0.75 kW	3505 r/min	1.43 A	0.800	75.50 %	2.00 N-m	9.60

Frame Material	Aluminum
Frame Size	80
Frequency (f)	50 Hz
Gross Weight	13.5 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 77.4 % Partial Load (75%) 76.2 % Partial Load (50%) 72.1 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 75.5 % Partial Load (75%) 73.9 % Partial Load (50%) 68.5 %
IM Class	IMB3 IM1001
Input Voltage (U _{in})	400 V
Insulation Class	ICLF
Invoice Description	M2AA 80 B-2
IP Class	IP55
Lubrication	For life
Made To Order	No
Medium Description	0.75kW, 2 Poles, Frame Size 80, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GAA081312-ADE)
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Output Power	0.75 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	292.5 mm
Product Net Height	193.5 mm
Product Net Weight	10.5 kg
Product Net Width	154 mm
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	0.75kW, 2P, Frame Size 80, 3PH, 400V, 50Hz, IP55, IMB3/IM1001
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

