



PRODUCT-DETAILS

3GAA081001-BSE
M2AA 80A 2

General Information

Product ID	3GAA081001-BSE
ABB Type Designation	M2AA 80A 2
Catalog Description	M2AA 80A 2

Additional Information

ABB Type Designation	M2AA 80A 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	China (CN) Romania (RO)
Customs Tariff Number	85015100
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.75 kW	2815 r/min	1.76 A	0.800	76.80 %	2.50 N·m	5.00
D	--	50 Hz	230 V	0.75 kW	2815 r/min	3.06 A	0.800	76.80 %	2.50 N·m	5.00
Y	--	60 Hz	460 V	0.75 kW	3440 r/min	1.50 A	0.780	80.20 %	2.00 N·m	6.10

Frame Material	Aluminum
Frame Size	80
Gross Weight	11.5 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 76.8 % Partial Load (75%) 78.9 % Partial Load (50%) 77.4 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 80.2 % Partial Load (75%) 80.5 % Partial Load (50%) 77.8 %
IM Class	IMB5 IM3001
Insulation Class	ICLF
Invoice Description	M2AA 80A 2
IP Class	IP55
Lubrication	For life
Made To Order	No

Minimum Order Quantity	1 piece
Moment of Inertia	0.00072 kg/m³
Number of Poles (High)	2
Package Level 1 Units	1 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	8.5 kg
Product Type	2AA1_M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA081001-ASV 3GVA081001-ASB 3GVA081001-ASAS 3GVA081001-ASA 3GAA081001-ASA 3GAA081061-BSA 3GVA081312-BSC 3GVA081001-BSB 3GAA081001-ASC
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Sound dB (A)	60 dB(A)
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	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)