

PRODUCT-DETAILS

3GAA082001-BSE

M2AA 80A 4



General Information

Product ID	3GAA082001-BSE
ABB Type Designation	M2AA 80A 4
Catalog Description	M2AA 80A 4

Additional Information

ABB Type Designation	M2AA 80A 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015100

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	230 V	0.55 kW	1375 r/min	2.44 A	0.770	72.80 %	3.80 N·m	4.50
Y	--	50 Hz	400 V	0.55 kW	1375 r/min	1.41 A	0.770	72.80 %	3.80 N·m	4.50
Y	--	60 Hz	460 V	0.55 kW	1695 r/min	1.20 A	0.740	77.70 %	3.00 N·m	5.50

Gross Weight	11.5 kg
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IC Class	IC411
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 72.8 % Partial Load (75%) 76.1 % Partial Load (50%) 75.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 77.7 % Partial Load (75%) 78.7 % Partial Load (50%) 76.6 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 80A 4
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00130 kg/m ³
Number of Poles (High)	4
Package Level 1 Units	1 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	8.5 kg
Product Type	2AA2__M2AA__IE2_AA
Quote Only	No
Replaced Product ID (OLD)	3GVA082001-ASB 3GAA082061-BSA 3GVA082001-ASA 3GAA082001-ASV 3GVA082001-ASAS
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Sound dB (A)	50 dB(A)
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany Alabama, United States Shanghai, China
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)

Categories

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

