

PRODUCT-DETAILS

3GAA101002-BSE

M3AA 100LB 2 HO



General Information

Product ID	3GAA101002-BSE
ABB Type Designation	M3AA 100LB 2 HO
Catalog Description	M3AA 100LB 2 HO

Additional Information

ABB Type Designation	M3AA 100LB 2 HO
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Country of Origin	Spain (ES) China (CN) Sweden (SE) Romania (RO)
Customs Tariff Number	85015220
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	4.00 kW	2880 r/min	7.90 A	0.860	84.30 %	13.20 N-m	8.00
D	--	50 Hz	230 V	4.00 kW	2880 r/min	13.70 A	0.860	84.30 %	13.20 N-m	8.00
Y	--	60 Hz	460 V	4.00 kW	3500 r/min	6.60 A	0.870	86.30 %	10.90 N-m	9.50

Gross Weight	30 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 84.3 % Partial Load (75%) 86.1 % Partial Load (50%) 85.7 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 86.3 % Partial Load (75%) 86.9 % Partial Load (50%) 85.5 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 100LB 2 HO
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	25 kg
Product Type	3AA1_M3AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA101002-BSA
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Standards	IEC 60034-1
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 → Legacy IEC Low Voltage Motors → Aluminum Motors

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Global Motors

Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors

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

