

PRODUCT-DETAILS

3GAA103002-BSE

M3AA 100LC 6 HO



General Information

Product ID	3GAA103002-BSE
ABB Type Designation	M3AA 100LC 6 HO
Catalog Description	M3AA 100LC 6 HO

Additional Information

ABB Type Designation	M3AA 100LC 6 HO
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Country of Origin	Spain (ES) 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	2.20 kW	940 r/min	5.70 A	0.690	79.80 %	22.30 N·m	4.30
D	--	50 Hz	230 V	2.20 kW	940 r/min	9.91 A	0.690	79.80 %	22.30 N·m	4.30
Y	--	50 Hz	415 V	2.20 kW	945 r/min	5.60 A	0.670	80.30 %	22.30 N·m	4.50
Y	--	60 Hz	460 V	2.20 kW	1150 r/min	5.10 A	0.650	82.80 %	18.20 N·m	4.90

Gross Weight

31 kg

IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 79.8 % Partial Load (75%) 81.5 % Partial Load (50%) 79.6 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 82.8 % Partial Load (75%) 82.8 % Partial Load (50%) 79.8 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 100LC 6 HO
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	26 kg
Product Type	3AA1__M3AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA103002-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



