



PRODUCT-DETAILS

3GAA102002-ASE

M2AA 100LB 4

General Information

Product ID	3GAA102002-ASE
ABB Type Designation	M2AA 100LB 4
Catalog Description	M2AA 100LB 4

Additional Information

ABB Type Designation	M2AA 100LB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Core Credit	0.00
Country of Origin	China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Efficiency Factor	Torque	IS/IN
Y	--	50 Hz	400 V	3.00 kW	1430 r/min	6.50 A	0.780 84.60 %	20.00 N·m	6.40
D	--	50 Hz	230 V	3.00 kW	1430 r/min	11.30 A	0.780 84.60 %	20.00 N·m	6.40
Y	--	50 Hz	415 V	3.00 kW	1440 r/min	6.70 A	0.740 84.10 %	20.00 N·m	6.50
Y	--	60 Hz	460 V	3.00 kW	1740 r/min	5.60 A	0.770 87.10 %	16.40 N·m	7.60

Gross Weight	29 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 84.1 % Partial Load (75%) 84.0 % Partial Load (50%) 81.2 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 87.1 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 100LB 4
Lubrication	For life

Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	24 kg
Product Type	2AA1__M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA102062-ASA 3GAA102002-ASA
Selling Unit of Measure	piece
Standards	IEC_60034-1
Stocked At (Warehouses)	Central Stock Europe USINY002EXPU
Temperature Class Default	--
Terminator Box Location	Top
Two Speed Motor	No
Type of Duty	S1
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 → Marine Motors → Marine General Performance Motors