PRODUCT-DETAILS

3GAA101001-ASE

M2AA 100L 2

General Information

Product ID	3GAA101001-ASE
ABB Type Designation	M2AA 100L 2
Catalog Description	M2AA 100L 2

Additional Information

ABB Type Designation	M2AA 100L 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
Core Credit	0.00
Country of Origin	Poland (PL) China (CN) Sweden (SE)
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	3.00 kW	2905 r/min	6.10 A	0.840	84.50 %	9.80 N·m	7.50
D	--	50 Hz	230 V	3.00 kW	2905 r/min	10.60 A	0.840	84.50 %	9.80 N·m	7.50
Y	--	50 Hz	415 V	3.00 kW	2905 r/min	6.10 A	0.820	83.40 %	9.80 N·m	7.30
Y	--	60 Hz	460 V	3.00 kW	3520 r/min	5.40 A	0.800	86.30 %	8.10 N·m	8.90

Gross Weight	26 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 83.4 % Partial Load (75%) 83.3 % Partial Load (50%) 81.4 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 86.3 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 100L 2
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	21 kg
Product Type	2AA1__M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA101001-ASA 3GAA101061-ASA
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Standards	IEC 60034-1
Stocked At (Warehouses)	Menden, Germany
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 → Marine Motors → Marine General Performance Motors

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