

PRODUCT-DETAILS

3GAA102001-BDE

M2AA 100LA 4



General Information

Product ID	3GAA102001-BDE
ABB Type Designation	M2AA 100LA 4
Catalog Description	M2AA 100LA 4

Additional Information

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

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	2.20 kW	1430 r/min	2.90 A	0.780	82.30 %	14.60 N-m	5.60
D	--	50 Hz	400 V	2.20 kW	1430 r/min	4.90 A	0.780	82.30 %	14.60 N-m	5.60
D	--	50 Hz	415 V	2.20 kW	1440 r/min	4.90 A	0.750	82.20 %	14.60 N-m	5.70
D	--	60 Hz	460 V	2.20 kW	1740 r/min	4.30 A	0.750	85.10 %	12.00 N-m	6.60

Gross Weight	26 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 82.2 % Partial Load (75%) 82.2 % Partial Load (50%) 79.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 85.1 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 100LA 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	21 kg
Product Type	2AA1__M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA102061-BDA 3GAA102001-BDA
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	D
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

