

PRODUCT-DETAILS

3GAA102002-ADE

M2AA 100LB 4



General Information

Product ID	3GAA102002-ADE
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
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	3.00 kW	1430 r/min	3.80 A	0.780	84.60 %	20.00 N-m	6.40
D	--	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	415 V	3.00 kW	1440 r/min	6.70 A	0.740	84.10 %	20.00 N-m	6.50
D	--	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)	3GAA102002-ADA 3GAA102062-ADA
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	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

