



PRODUCT-DETAILS

3GAA092001-BDE

M2AA 90S 4

General Information

Product ID	3GAA092001-BDE
ABB Type Designation	M2AA 90S 4
Catalog Description	M2AA 90S 4

Additional Information

ABB Type Designation	M2AA 90S 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Country of Origin	Romania (RO) 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	1.10 kW	1420 r/min	1.55 A	0.770	77.20 %	7.30 N-m	4.80
D	--	50 Hz	400 V	1.10 kW	1420 r/min	2.60 A	0.770	77.20 %	7.30 N-m	4.80
D	--	60 Hz	460 V	1.10 kW	1730 r/min	2.20 A	0.750	80.90 %	6.00 N-m	5.80

Gross Weight	16 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 77.2 % Partial Load (75%) 78.1 % Partial Load (50%) 76.0 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 80.9 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 90S 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	13 kg
Product Type	2AA1__M2AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA092061-BDA 3GAA092001-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