



PRODUCT-DETAILS

3GAA092003-BSE

M3AA 90L 4 HO

General Information

Product ID	3GAA092003-BSE
ABB Type Designation	M3AA 90L 4 HO
Catalog Description	M3AA 90L 4 HO

Additional Information

ABB Type Designation	M3AA 90L 4 HO
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Country of Origin	Romania (RO) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	230 V	1.85 kW	1410 r/min	7.60 A	0.760	79.70 %	12.50 N·m	5.30
Y	--	50 Hz	400 V	1.85 kW	1410 r/min	4.40 A	0.760	79.70 %	12.50 N·m	5.30
Y	--	60 Hz	460 V	1.85 kW	1695 r/min	3.70 A	0.740	83.70 %	10.40 N·m	5.40

Gross Weight	16.48 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 79.7 % Partial Load (75%) 82.0 % Partial Load (50%) 80.9 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 83.7 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 90L 4 HO
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	16 kg
Product Type	3AA1__M3AA_IE1_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA092003-BSA
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	D-End 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 → Legacy IEC Low Voltage Motors → Global Motors

Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors