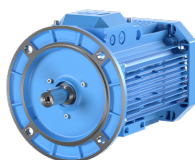


PRODUCT-DETAILS

# 3GAA091313-BSE

Y;

"No longer for sale" replaced by 3GAA091520-



## General Information

Product ID	3GAA091313-BSE
ABB Type Designation	M3AA 90LB 2
Catalog Description	Y;

## Ordering

ABB Type Designation	M3AA 90LB 2
Invoice Description	M3AA 90LB 2
Product Name	3-Phase squirrel cage motor
Product Type	3AA2_M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	United States (US) Poland (PL) China (CN) Sweden (SE)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA091313-BSC

Stocked At (Warehouses)	Shanghai, China
Medium Description	2.2kW, 2 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA091313-BSE)
Short Description	2.2kW, 2P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	2.20 kW	2870 r/min	4.40 A	0.860	84.60 %	7.30 N·m	6.90
D	--	50 Hz	230 V	2.20 kW	2870 r/min	7.65 A	0.860	84.60 %	7.30 N·m	6.90
Y	--	60 Hz	460 V	2.20 kW	3480 r/min	3.70 A	0.870	85.80 %	6.00 N·m	7.90
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U <sub>in</sub> )										400 V
Frequency (f)										50 Hz
Output Power										2.2 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 84.6 % Partial Load (75%) 85.6 % Partial Load (50%) 84.8 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 85.8 % Partial Load (75%) 85.9 % Partial Load (50%) 84.2 %
IP Class										IP55
Insulation Class										ICLF
Number of Poles (High)										2
Two Speed Motor										No
Type of Duty										S1
Voltage Code										S

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	Top

Dimensions

Product Net Depth /	309.5 mm
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Length	
Product Net Height	217 mm
Product Net Width	177 mm
Product Net Weight	16 kg
Gross Weight	16.48 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

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

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

