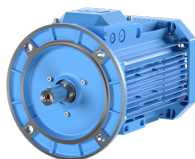


PRODUCT-DETAILS

# 3GAA092520-BSJ

## IE3 Premium Efficiency Aluminum Motor, 1.1 kW, 400 V (3GAA092520-BSJ)



### General Information

Product ID	3GAA092520-BSJ
ABB Type Designation	M3AA 90LB 4
Catalog Description	IE3 Premium Efficiency Aluminum Motor, 1.1 kW, 400 V (3GAA092520-BSJ)

### Additional Information

ABB Type Designation	M3AA 90LB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Connection Configuration	Y
Country of Origin	China (CN) Finland (FI)
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
Y	--	50 Hz	400 V	1.10 kW	1437 r/min	2.46 A	0.780	84.10 %	7.32 N·m	6.90
D	--	50 Hz	230 V	1.10 kW	1437 r/min	4.27 A	0.780	84.10 %	7.32 N·m	6.90
Y	--	50 Hz	415 V	1.10 kW	1442 r/min	2.42 A	0.750	84.10 %	7.32 N·m	8.40

Frame Material	Aluminum
Frame Size	90
Frequency (f)	50 Hz

Gross Weight	20 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 84.1 % Partial Load (75%) 83.6 % Partial Load (50%) 81.0 %
IM Class	IMB5 IM3001
Input Voltage (U <sub>in</sub> )	400 V
Insulation Class	ICLF
Invoice Description	M3AA 90LB 4
IP Class	IP55
Made To Order	No
Medium Description	1.1kW, 4 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA092520-BSJ)
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Output Power	1.1 kW
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Depth / Length	331.5 mm
Product Net Height	217 mm
Product Net Weight	17 kg
Product Net Width	170 mm
Product Type	3AA0_M3AA_AA
Quote Only	No
Replaced Product ID (OLD)	3GAA092614-BSJ
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
Selling Unit of Measure	piece
Short Description	1.1kW, 4P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB5/IM3001
Stocked At (Warehouses)	Vittuone, Italy
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100 39120000
Voltage Code	S
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

