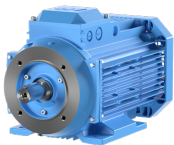


PRODUCT-DETAILS

# 3GAA092540-JFE

## IE2 High Efficiency Aluminum Motors, 1.5 kW, 500 V (3GAA092540-JFE)



General Information	
Product ID	3GAA092540-JFE
ABB Type Designation	M3AA 90LD 4
Catalog Description	IE2 High Efficiency Aluminum Motors, 1.5 kW, 500 V (3GAA092540-JFE)

Ordering	
ABB Type Designation	M3AA 90LD 4
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	Finland (FI)
Customs Tariff Number	85015220
Medium Description	1.5kW, 4 Poles, Frame Size 90, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB34/IM2101 Mounting (3GAA092540-JFE)
Short Description	1.5kW, 4P, Frame Size 90, 3PH, 500V, 50Hz, IP55, IMB34/IM2101

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	500 V	1.50 kW	1435 r/min	2.70 A	0.760	84.20 %	9.90 N·m	7.00
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U <sub>in</sub> )										500 V
Frequency (f)										50 Hz
Output Power										1.5 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 84.2 % Partial Load (75%) 84.1 % Partial Load (50%) 81.9 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
Two Speed Motor										No
Type of Duty										S1
Voltage Code										F

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB34 IM2101
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	331.5 mm
Product Net Height	217 mm
Product Net Width	177 mm
Product Net Weight	17 kg
Gross Weight	20 kg

Environmental

SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)
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**Classifications**

UNSPSC	26101100
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**Categories**

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

