

PRODUCT-DETAILS

# 3GAA092214-ADE

## M2AA 90LB 4



### General Information

Product ID	3GAA092214-ADE
ABB Type Designation	M2AA 90LB 4
Catalog Description	M2AA 90LB 4

### Additional Information

ABB Type Designation	M2AA 90LB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Country of Origin	Italy (IT) Sweden (SE) Romania (RO)
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	1435 r/min	1.41 A	0.780	83.70 %	7.30 N·m	6.60
D	--	50 Hz	400 V	1.10 kW	1435 r/min	2.40 A	0.780	83.70 %	7.30 N·m	6.60
D	--	60 Hz	460 V	1.10 kW	1740 r/min	2.10 A	0.760	84.60 %	6.00 N·m	7.60

Frame Material	Aluminum
Frame Size	90
Gross Weight	19 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2

	Full Load (100%) 83.7 % Partial Load (75%) 83.7 % Partial Load (50%) 81.7 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 84.6 % Partial Load (75%) 83.7 % Partial Load (50%) 80.7 %
IM Class	IMB3 IM1001
Insulation Class	ICLF
Invoice Description	M2AA 90LB 4
IP Class	IP55
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00430 kg/m³
Number of Poles (High)	4
Package Level 1 Units	1 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	16 kg
Product Type	2AA2 M2AA IE2 AA
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
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)

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## Categories

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

