

PRODUCT-DETAILS

# 3GAA091213-BDE

## M2AA 90LB 2



### General Information

Product ID	3GAA091213-BDE
ABB Type Designation	M2AA 90LB 2
Catalog Description	M2AA 90LB 2

### Additional Information

ABB Type Designation	M2AA 90LB 2
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Country of Origin	Italy (IT) Sweden (SE) China (CN)
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	2.20 kW	2870 r/min	2.60 A	0.860	84.60 %	7.30 N-m	6.90
D	--	50 Hz	400 V	2.20 kW	2870 r/min	4.40 A	0.860	84.60 %	7.30 N-m	6.90
D	--	60 Hz	460 V	2.20 kW	3480 r/min	3.70 A	0.850	85.80 %	6.00 N-m	7.90

Gross Weight	21 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 84.6 % Partial Load (75%) 85.7 % Partial Load (50%) 85.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.8 % Partial Load (75%) 85.9 % Partial Load (50%) 84.2 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 90LB 2
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00270 kg/m <sup>3</sup>
Number of Poles (High)	2
Package Level 1 Units	1 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	18 kg
Product Type	2AA2_M2AA_IE2_AA
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany
Temperature Class Default	--
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



