



PRODUCT-DETAILS

# 3GAA091212-BDE

## M2AA 90L 2

### General Information

Product ID	3GAA091212-BDE
ABB Type Designation	M2AA 90L 2
Catalog Description	M2AA 90L 2

### Additional Information

ABB Type Designation	M2AA 90L 2
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 Efficiency Factor	Torque	IS/IN
Y	--	50 Hz	690 V	1.50 kW	2900 r/min	1.74 A	0.860 84.10 %	4.90 N·m	7.60
D	--	50 Hz	400 V	1.50 kW	2900 r/min	2.90 A	0.860 84.10 %	4.90 N·m	7.60
D	--	60 Hz	460 V	1.50 kW	3510 r/min	2.60 A	0.840 85.10 %	4.00 N·m	8.40

Gross Weight	19 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 84.1 % Partial Load (75%) 85.0 % Partial Load (50%) 83.5 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.1 % Partial Load (75%) 85.0 % Partial Load (50%) 82.9 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2AA 90L 2
Lubrication	For life
Made To Order	No

Minimum Order Quantity	1 piece
Moment of Inertia	0.00240 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	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
Stocked At (Warehouses)	Central Stock Europe
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)