

PRODUCT-DETAILS

# 3GAA091312-BDECN

M3AA 90 incl. China Energy Label (+540) /  
China Compulsary Certificate (+545)



## General Information

Product ID	3GAA091312-BDECN
ABB Type Designation	M3AA 90L 2 +540/+545
Catalog Description	M3AA 90 incl. China Energy Label (+540) / China Compulsary Certificate (+545)

## Additional Information

ABB Type Designation	M3AA 90L 2 +540/+545
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Country of Origin	China (CN)
Customs Tariff Number	85015100
Direction of Rotation	Both sides

### Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Torque	IS/IN
D	--	50 Hz	380 V	1.50 kW	2890 r/min	3.00 A	0.890	4.90 N·m	7.60
Y	--	50 Hz	660 V	1.50 kW	2890 r/min	1.73 A	0.890	4.90 N·m	7.60
D	--	50 Hz	400 V	1.50 kW	2900 r/min	2.90 A	0.860	4.00 N·m	8.40

Gross Weight	16.48 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2

Full Load (100%) 81.3 %  
 Partial Load (75%) 85.0 %  
 Partial Load (50%) 83.5 %

IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.3 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3AA 90 incl. China Energy Label (+540) / China Compulsary Certificate (+545)
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	16.48 kg
Product Type	3AA2_M3AA_IE2_AA
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Shanghai, China
Temperature Class Default	--
Terminator Box Location	D-End 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)

## Categories

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



