



PRODUCT-DETAILS

3GAA091312-CSE

No Description Available

"No longer for sale" replaced by 3GAA091500-

General Information

Product ID	3GAA091312-CSE
ABB Type Designation	M3AA 90L 2
Catalog Description	No Description Available

Ordering

ABB Type Designation	M3AA 90L 2
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	China (CN) Sweden (SE) Poland (PL)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA091312-CSC

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	230 V	1.50 kW	2900 r/min	5.00 A	0.860	84.10 %	4.90 N·m	7.60
Y	--	50 Hz	400 V	1.50 kW	2900 r/min	2.90 A	0.860	84.10 %	4.90 N·m	7.60
Y	--	60 Hz	460 V	1.50 kW	3510 r/min	2.60 A	0.840	85.40 %	4.00 N·m	8.40

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
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%) 85.4 %

IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S

**Mechanical**

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
Lubrication	For life
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

**Dimensions**

Package Level 1 Units	0 carton
Product Net Weight	16 kg
Gross Weight	16.48 kg

**Classifications**

Standards	IEC 60034-1
UNSPSC	26101100

**Categories**

Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Aluminum Motors  
Motors and Generators → IEC Low Voltage AC Motors → Legacy IEC Low Voltage Motors → Global Motors  
Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors