



PRODUCT-DETAILS

3GAA091110-BSHIN  
(3GAA091110-BSHIN)

General Information	
Product ID	3GAA091110-BSHIN
ABB Type Designation	M2AAX 90SA 2
Catalog Description	(3GAA091110-BSHIN)

Ordering	
ABB Type Designation	M2AAX 90SA 2
Invoice Description	M2AAX 90SA 2
Product Name	3-Phase squirrel cage motor
Product Type	IAA2__M2AAX_IE2
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	India (IN)
Customs Tariff Number	85015220

Electrical										
Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	415 V	1.50 kW	2875 r/min	3.10 A	0.830	81.30 %	5.00 N·m	6.00
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										50 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 81.3 % Partial Load (75%) 82.0 % Partial Load (50%) 80.3 %
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
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

**Dimensions**

Package Level 1 Units	0 carton
Product Net Weight	13 kg
Gross Weight	16 kg

**Classifications**

UNSPSC	26101100
--------	----------

**Categories**

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