



PRODUCT-DETAILS

3GAA091120-BSNIN  
M2AAX 90SB2

General Information	
Product ID	3GAA091120-BSNIN
ABB Type Designation	M2AAX 90SB2
Catalog Description	M2AAX 90SB2

Ordering	
ABB Type Designation	M2AAX 90SB2
Invoice Description	M2AAX 90SB2
Product Name	3-Phase squirrel cage motor
Product Type	IAA3__M2AAX_IE3
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	2882 r/min	3.00 A	0.830	84.20 %	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 IE3	
									Full Load (100%)	84.2 %
									Partial Load (75%)	84.6 %
									Partial Load (50%)	83.0 %
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	15 kg
Gross Weight	18 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Aluminum Motors