



 PRODUCT-DETAILS

3GAA093120-BSNIN

M2AAX 90SB6

General Information

Product ID	3GAA093120-BSNIN
ABB Type Designation	M2AAX 90SB6
Catalog Description	M2AAX 90SB6

Ordering

ABB Type Designation	M2AAX 90SB6
Invoice Description	M2AAX 90SB6
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	85015100

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	415 V	0.75 kW	940 r/min	2.10 A	0.630	78.90 %	7.60 N·m	4.50

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	50 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 78.9 % Partial Load (75%) 77.5 % Partial Load (50%) 73.2 %

IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	6
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	18 kg
Gross Weight	21 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