



PRODUCT-DETAILS

3GAA092120-HSNIN  
M2AAX 90SB4

General Information

Product ID	3GAA092120-HSNIN
ABB Type Designation	M2AAX 90SB4
Catalog Description	M2AAX 90SB4

Ordering

ABB Type Designation	M2AAX 90SB4
Invoice Description	M2AAX 90SB4
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	1.10 kW	1435 r/min	2.60 A	0.700	84.10 %	7.30 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%) 84.1 %										
Partial Load (75%) 83.7 %										
Partial Load (50%) 81.0 %										
IP Class										
IP55										
Insulation Class										
ICLF										
Direction of Rotation										
Both sides										
Number of Poles (High)										
4										
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	IMB35 IM2001
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