

PRODUCT-DETAILS

3GBA092120-BSDIN  
(3GBA092120-BSDIN)



General Information

Product ID	3GBA092120-BSDIN
ABB Type Designation	M2BAX 90SB 4
Catalog Description	(3GBA092120-BSDIN)

Ordering

ABB Type Designation	M2BAX 90SB 4
Invoice Description	M2BAX 90SB 4
Product Name	3-Phase squirrel cage motor
Product Type	IBA3__M2BAX_IE3_CI
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 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 84.0 % Partial Load (75%) 83.4 % Partial Load (50%) 80.5 %
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	Cast Iron
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	23 kg
Gross Weight	26 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

UNSPSC	26101100
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## Categories

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

