

PRODUCT-DETAILS

# 3GBA081310-BSCIN

## (3GBA081310-BSCIN)



General Information	
Product ID	3GBA081310-BSCIN
ABB Type Designation	M2BAX 80MA 2
Catalog Description	(3GBA081310-BSCIN)

Ordering	
ABB Type Designation	M2BAX 80MA 2
Invoice Description	M2BAX 80MA 2
Product Name	3-Phase squirrel cage motor
Product Type	IBA2__M2BAX_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	India (IN) China (CN)
Customs Tariff Number	85015220

Electrical	
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Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	415 V	0.75 kW	2820 r/min	1.70 A	0.790	77.40 %	2.50 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%) 77.4 % Partial Load (75%) 78.0 % Partial Load (50%) 75.7 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 75.5 % Partial Load (75%) 76.1 % Partial Load (50%) 73.8 %
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	Cast Iron
Frame Size	80
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	14 kg
Gross Weight	17 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 → IE2 High Efficiency Cast Iron Motors

