



PRODUCT-DETAILS

# 3GBA083410-BSNIN

## IE4 Super Premium Efficiency Cast Iron Motors, 0.55 kW, 415 V (3GBA083410-BSNIN)



General Information	
Product ID	3GBA083410-BSNIN
ABB Type Designation	M2BAX 80MLA 6
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 0.55 kW, 415 V (3GBA083410-BSNIN)

Ordering	
ABB Type Designation	M2BAX 80MLA 6
Invoice Description	M2BAX 80MLA 6
Product Name	3-Phase squirrel cage motor
Product Type	IBA4 _ M2BAX _ IE4 _ 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	85015100

Electrical	
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	415 V	0.55 kW	950 r/min	1.46 A	0.740	80.90 %	5.52 N·m	3.80
Connection Configuration										Y
Temperature Class										--
Default										
Input Voltage (U <sub>in</sub> )										415 V
Frequency (f)										50 Hz
Output Power										0.55 kW
Altitude										1000 m
Ambient Temperature										50 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE4
										Full Load (100%) 80.9 %
										Partial Load (75%) 81.9 %
										Partial Load (50%) 80.7 %
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	Cast Iron
Frame Size	80
Bearing	6204-2Z/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	20 kg
Gross Weight	23 kg

Classifications

UNSPSC	26101100
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Categories

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Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors

