



PRODUCT-DETAILS

3GBA082320-ASCIN
(3GBA082320-ASCIN)



General Information

Product ID	3GBA082320-ASCIN
ABB Type Designation	M2BAX 80MB 4
Catalog Description	(3GBA082320-ASCIN)

Ordering

ABB Type Designation	M2BAX 80MB 4
Invoice Description	M2BAX 80MB 4
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)
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	0.75 kW	1425 r/min	1.97 A	0.670	79.60 %	5.00 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%) 79.6 % Partial Load (75%) 78.5 % Partial Load (50%) 74.3 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 78.0 % Partial Load (75%) 77.0 % Partial Load (50%) 72.7 %
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	80
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	18 kg
Gross Weight	21 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

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

