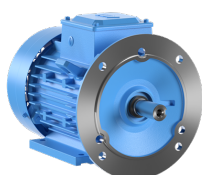


PRODUCT-DETAILS

3GBA102520-BST

M2BAX 100LB 4



General Information

Product ID	3GBA102520-BST
ABB Type Designation	M2BAX 100LB 4
Catalog Description	M2BAX 100LB 4

Ordering

ABB Type Designation	M2BAX 100LB 4
Invoice Description	M2BAX 100LB 4
Product Name	3-Phase squirrel cage motor
Product Type	EBA1__M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	3.00 kW	1443 r/min	6.59 A	0.770	81.50 %	19.80 N·m	7.70
D	--	50 Hz	230 V	3.00 kW	1443 r/min	11.40 A	0.770	81.50 %	19.80 N·m	7.70
Y	--	50 Hz	380 V	3.00 kW	1436 r/min	6.60 A	0.810	81.50 %	19.80 N·m	7.20
D	--	50 Hz	220 V	3.00 kW	1436 r/min	11.40 A	0.810	81.50 %	19.80 N·m	7.20
Y	--	60 Hz	440 V	3.00 kW	1744 r/min	5.94 A	0.800	85.00 %	16.41 N·m	8.70
Y	--	60 Hz	460 V	3.00 kW	1749 r/min	6.03 A	0.760	85.00 %	16.36 N·m	9.10
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE1 Full Load (100%) 81.5 % Partial Load (75%) 80.7 % Partial Load (50%) 78.2 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 85.0 % Partial Load (75%) 83.7 % Partial Load (50%) 80.7 %
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	100
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	35 kg
Gross Weight	40 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications	
UNSPSC	26101100

Categories
Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE1 Standard Efficiency Cast Iron Motors

