

PRODUCT-DETAILS

3GBA162410-AST
M2BAX 160MLA 4



General Information	
Product ID	3GBA162410-AST
ABB Type Designation	M2BAX 160MLA 4
Catalog Description	M2BAX 160MLA 4

Ordering	
ABB Type Designation	M2BAX 160MLA 4
Invoice Description	M2BAX 160MLA 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	85015230

Electrical	
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	11.00 kW	1463 r/min	22.40 A	0.790	87.60 %	71.40 N·m	6.90
D	--	50 Hz	230 V	11.00 kW	1463 r/min	39.00 A	0.790	87.60 %	71.40 N·m	6.90
Y	--	50 Hz	380 V	11.00 kW	1459 r/min	23.00 A	0.820	87.60 %	71.61 N·m	6.90
D	--	50 Hz	220 V	11.00 kW	1459 r/min	39.70 A	0.820	87.60 %	71.61 N·m	6.90
Y	--	60 Hz	440 V	11.00 kW	1763 r/min	20.00 A	0.800	88.50 %	59.27 N·m	7.40
Y	--	60 Hz	460 V	11.00 kW	1766 r/min	19.60 A	0.780	88.50 %	59.16 N·m	8.80
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE1 Full Load (100%) 87.6 % Partial Load (75%) 88.0 % Partial Load (50%) 87.5 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 88.5 % Partial Load (75%) 88.1 % Partial Load (50%) 86.7 %
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	160
Bearing	6209-2Z/C3
Bearing NDE	6209-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	111 kg
Gross Weight	121 kg

Environmental

WEEE Category	4. Large Equipment (Any 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

