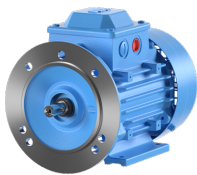


PRODUCT-DETAILS

3GBA091110-AST
M2BAX 90SA 2



General Information	
Product ID	3GBA091110-AST
ABB Type Designation	M2BAX 90SA 2
Catalog Description	M2BAX 90SA 2

Ordering	
ABB Type Designation	M2BAX 90SA 2
Invoice Description	M2BAX 90SA 2
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	1.50 kW	2889 r/min	3.37 A	0.790	77.20 %	4.93 N·m	7.10
D	--	50 Hz	230 V	1.50 kW	2889 r/min	5.84 A	0.790	77.20 %	4.93 N·m	7.10
Y	--	50 Hz	380 V	1.50 kW	2875 r/min	3.36 A	0.830	77.20 %	4.93 N·m	6.70
D	--	50 Hz	220 V	1.50 kW	2876 r/min	5.82 A	0.830	77.20 %	4.93 N·m	6.70
Y	--	60 Hz	440 V	1.50 kW	3490 r/min	2.74 A	0.870	81.00 %	4.06 N·m	8.70
Y	--	60 Hz	460 V	1.50 kW	3499 r/min	2.99 A	0.770	81.00 %	4.05 N·m	8.30
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE1 Full Load (100%) 77.2 % Partial Load (75%) 75.6 % Partial Load (50%) 71.8 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 81.0 % Partial Load (75%) 78.5 % Partial Load (50%) 74.3 %
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	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB3 IM1001
Terminator Box Location	D-End top

Dimensions	
Package Level 1 Units	0 carton
Product Net Weight	21 kg
Gross Weight	24 kg

Environmental	
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Classifications	
UNSPSC	26101100

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

