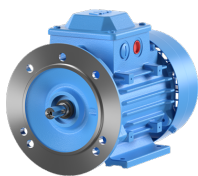


PRODUCT-DETAILS

3GBA092110-AST
M2BAX 90SA 4



General Information

Product ID	3GBA092110-AST
ABB Type Designation	M2BAX 90SA 4
Catalog Description	M2BAX 90SA 4

Ordering

ABB Type Designation	M2BAX 90SA 4
Invoice Description	M2BAX 90SA 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	1.10 kW	1447 r/min	2.74 A	0.710	75.00 %	7.35 N·m	6.60
D	--	50 Hz	230 V	1.10 kW	1447 r/min	4.75 A	0.710	75.00 %	7.35 N·m	6.60
Y	--	50 Hz	380 V	1.10 kW	1440 r/min	2.70 A	0.760	75.00 %	7.35 N·m	6.30
D	--	50 Hz	220 V	1.10 kW	1440 r/min	4.68 A	0.760	75.00 %	7.35 N·m	6.30
Y	--	60 Hz	440 V	1.10 kW	1754 r/min	2.43 A	0.710	79.00 %	6.05 N·m	7.40
Y	--	60 Hz	460 V	1.10 kW	1760 r/min	2.46 A	0.670	79.00 %	6.03 N·m	7.70
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE1 Full Load (100%) 75.0 % Partial Load (75%) 72.4 % Partial Load (50%) 67.3 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 79.0 % Partial Load (75%) 76.0 % Partial Load (50%) 70.2 %
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	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	22 kg
Gross Weight	25 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 → IE1 Standard Efficiency Cast Iron Motors

