



PRODUCT-DETAILS

# 3GBA093110-ASCCN

## (3GBA093110-ASCCN)



General Information	
Product ID	3GBA093110-ASCCN
ABB Type Designation	M2BAX 90SA 6
Catalog Description	(3GBA093110-ASCCN)

Ordering	
ABB Type Designation	M2BAX 90SA 6
Invoice Description	M2BAX 90SA 6
Product Name	3-Phase squirrel cage motor
Product Type	CBA2__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	85015100
Stocked At (Warehouses)	Shanghai, China Guangzhou, China China

Electrical											
Electrical Data											
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
Y	--	50 Hz	400 V	0.75 kW	949 r/min	2.37 A	0.600	75.90 %	7.60 N·m	5.10	
D	--	50 Hz	230 V	0.75 kW	949 r/min	4.11 A	0.600	75.90 %	7.60 N·m	5.10	
Y	--	50 Hz	380 V	0.75 kW	945 r/min	2.31 A	0.640	75.90 %	7.60 N·m	4.80	
D	--	50 Hz	220 V	0.75 kW	945 r/min	4.00 A	0.640	75.90 %	7.60 N·m	4.80	
Y	--	60 Hz	440 V	0.75 kW	1152 r/min	2.07 A	0.590	73.00 %	6.21 N·m	5.50	
Y	--	60 Hz	460 V	0.75 kW	1158 r/min	2.10 A	0.550	73.00 %	6.18 N·m	5.60	
Temperature Class Default											--
Altitude											1000 m
Ambient Temperature											40 °C
IC Class											IC411
IE Class Data (50 Hz)											IE Class IE2 Full Load (100%) 75.9 % Partial Load (75%) 73.1 % Partial Load (50%) 67.8 %
IE Class Data (60 Hz)											IE Class IE2 Full Load (100%) 73.0 % Partial Load (75%) 68.8 % Partial Load (50%) 61.6 %
IP Class											IP55
Insulation Class											ICLF
Direction of Rotation											Both sides
Number of Poles (High)											6
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											6205-2Z/C3
Lubrication											For life
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)

Classifications	
Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

