



PRODUCT-DETAILS

3GBA094510-BSDCN  
(3GBA094510-BSDCN)



General Information	
Product ID	3GBA094510-BSDCN
ABB Type Designation	M2BAX 90LA 8
Catalog Description	(3GBA094510-BSDCN)

Ordering	
ABB Type Designation	M2BAX 90LA 8
Invoice Description	M2BAX 90LA 8
Product Name	3-Phase squirrel cage motor
Product Type	CBA3_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

Electrical	
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.37 kW	714 r/min	1.33 A	0.580	69.30 %	4.95 N·m	4.00
D	--	50 Hz	230 V	0.37 kW	714 r/min	2.31 A	0.580	69.30 %	4.95 N·m	4.00
Y	--	50 Hz	400 V	0.37 kW	709 r/min	1.31 A	0.620	69.30 %	4.98 N·m	3.60
D	--	50 Hz	220 V	0.37 kW	709 r/min	2.26 A	0.620	69.30 %	4.98 N·m	3.60
Y	--	60 Hz	440 V	0.37 kW	865 r/min	1.18 A	0.560	72.00 %	4.08 N·m	4.20
Y	--	60 Hz	460 V	0.37 kW	869 r/min	1.19 A	0.540	72.00 %	4.07 N·m	4.60
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 69.3 % Partial Load (75%) 67.1 % Partial Load (50%) 60.9 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 72.0 % Partial Load (75%) 69.0 % Partial Load (50%) 62.4 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										8
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
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	28 kg
Gross Weight	31 kg

Classifications

UNSPSC	26101100
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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Cast Iron Motors

