



PRODUCT-DETAILS

3GBA104510-BSDCN
(3GBA104510-BSDCN)



General Information

Product ID	3GBA104510-BSDCN
ABB Type Designation	M2BAX 100LA 8
Catalog Description	(3GBA104510-BSDCN)

Ordering

ABB Type Designation	M2BAX 100LA 8
Invoice Description	M2BAX 100LA 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	0.75 kW	712 r/min	2.26 A	0.640	75.00 %	10.06 N·m	4.00
D	--	50 Hz	230 V	0.75 kW	712 r/min	3.92 A	0.640	75.00 %	10.06 N·m	4.00
Y	--	50 Hz	380 V	0.75 kW	707 r/min	2.23 A	0.680	75.00 %	10.13 N·m	3.80
D	--	50 Hz	220 V	0.75 kW	707 r/min	3.86 A	0.680	75.00 %	10.13 N·m	3.80
Y	--	60 Hz	440 V	0.75 kW	864 r/min	2.07 A	0.630	75.50 %	8.29 N·m	4.20
Y	--	60 Hz	460 V	0.75 kW	867 r/min	2.07 A	0.600	75.50 %	8.26 N·m	4.50

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 75.0 % Partial Load (75%) 73.6 % Partial Load (50%) 68.6 %
IE Class Data (60 Hz)	IE Class IE3 Full Load (100%) 75.5 % Partial Load (75%) 73.0 % Partial Load (50%) 66.9 %
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	100
Bearing	6206-2Z/C3
Bearing NDE	6206-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	34 kg
Gross Weight	39 kg

Classifications

UNSPSC	26101100
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Categories

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

