



PRODUCT-DETAILS

3GBA103810-ASDCN
(3GBA103810-ASDCN)



General Information	
Product ID	3GBA103810-ASDCN
ABB Type Designation	M2BAX 100LKA 6
Catalog Description	(3GBA103810-ASDCN)

Ordering	
ABB Type Designation	M2BAX 100LKA 6
Invoice Description	M2BAX100LKA6
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
Stocked At (Warehouses)	Shanghai, China

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	953 r/min	4.00 A	0.660	82.50 %	15.11 N·m	5.30	
D	--	50 Hz	230 V	1.50 kW	953 r/min	6.95 A	0.660	82.50 %	15.11 N·m	5.30	
Y	--	50 Hz	380 V	1.50 kW	947 r/min	4.02 A	0.690	82.50 %	15.12 N·m	4.90	
D	--	50 Hz	220 V	1.50 kW	947 r/min	6.95 A	0.690	82.50 %	15.12 N·m	4.90	
Y	--	60 Hz	440 V	1.50 kW	1155 r/min	3.50 A	0.660	77.00 %	12.40 N·m	5.80	
Y	--	60 Hz	460 V	1.50 kW	1160 r/min	3.45 A	0.640	77.00 %	12.34 N·m	6.10	
Temperature Class Default											--
Altitude											1000 m
Ambient Temperature											40 °C
IC Class											IC411
IE Class Data (50 Hz)											IE Class IE3 Full Load (100%) 82.5 % Partial Load (75%) 82.1 % Partial Load (50%) 79.9 %
IE Class Data (60 Hz)											IE Class IE1 Full Load (100%) 77.0 % Partial Load (75%) 75.0 % Partial Load (50%) 70.5 %
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											100
Bearing											6206-2Z/C3
Bearing NDE											6206-2Z/C3
Lubrication											For life
IM Class											IMB3 IM1001
Terminator Box Location											D-End top
Dimensions											
Package Level 1 Units											0 carton
Product Net Weight											37 kg
Gross Weight											42 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 → IE3 Premium Efficiency Cast Iron Motors

