

PRODUCT-DETAILS

3GBA102810-ASDCN

(3GBA102810-ASDCN)



General Information	
Product ID	3GBA102810-ASDCN
ABB Type Designation	M2BAX 100LKA 4
Catalog Description	(3GBA102810-ASDCN)

Ordering	
ABB Type Designation	M2BAX 100LKA 4
Invoice Description	M2BAX100LKA4
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	3.00 kW	1448 r/min	6.25 A	0.790	87.70 %	19.86 N·m	9.60
D	--	50 Hz	230 V	3.00 kW	1448 r/min	10.90 A	0.790	87.70 %	19.86 N·m	9.60
Y	--	50 Hz	380 V	3.00 kW	1443 r/min	6.35 A	0.820	87.70 %	19.88 N·m	8.80
D	--	50 Hz	220 V	3.00 kW	1443 r/min	11.00 A	0.820	87.70 %	19.88 N·m	8.80
Y	--	60 Hz	440 V	3.00 kW	1751 r/min	5.48 A	0.810	87.50 %	16.38 N·m	10.60
Y	--	60 Hz	460 V	3.00 kW	1755 r/min	5.36 A	0.790	87.50 %	16.34 N·m	11.40

Temperature Class Default	--
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE3 Full Load (100%) 87.7 % Partial Load (75%) 87.7 % Partial Load (50%) 86.5 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 87.5 % Partial Load (75%) 86.8 % Partial Load (50%) 84.6 %
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	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	41 kg
Gross Weight	46 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

