

PRODUCT-DETAILS

3GBA161420-BDFCN

(3GBA161420-BDFCN)



General Information	
Product ID	3GBA161420-BDFCN
ABB Type Designation	M2BAX 160MLB 2
Catalog Description	(3GBA161420-BDFCN)

Ordering	
ABB Type Designation	M2BAX 160MLB 2
Invoice Description	M2BAX 160MLB 2
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	85015230
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	690 V	15.00 kW	2937 r/min	15.50 A	0.880	91.90 %	48.81 N·m	7.20
D	--	50 Hz	400 V	15.00 kW	2937 r/min	26.80 A	0.880	91.90 %	48.80 N·m	7.20
Y	--	50 Hz	660 V	15.00 kW	2925 r/min	16.00 A	0.890	91.90 %	48.91 N·m	7.10
D	--	50 Hz	380 V	15.00 kW	2925 r/min	27.90 A	0.890	91.90 %	48.92 N·m	7.10
D	--	60 Hz	440 V	15.00 kW	3533 r/min	24.30 A	0.890	91.00 %	40.49 N·m	8.40
D	--	60 Hz	460 V	15.00 kW	3545 r/min	23.50 A	0.880	91.00 %	40.43 N·m	8.50
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 91.9 % Partial Load (75%) 92.4 % Partial Load (50%) 92.0 %
IE Class Data (60 Hz)										IE Class IE3 Full Load (100%) 91.0 % Partial Load (75%) 91.2 % Partial Load (50%) 90.2 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										2
Two Speed Motor										No
Type of Duty										S1
Voltage Code										D

Mechanical

Frame Material	Cast Iron
Frame Size	160
Bearing	6309-2Z/C3
Bearing NDE	6209-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	128 kg
Gross Weight	138 kg

Environmental

WEEE Category 4. Large Equipment (Any External Dimension More Than 50 cm)

Classifications

UNSPSC 26101100

Categories

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

