



PRODUCT-DETAILS

3GBA161420-BDCCN  
(3GBA161420-BDCCN)



General Information

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

Ordering

ABB Type Designation	M2BAX 160MLB 2
Invoice Description	M2BAX 160MLB 2
Product Name	3-Phase squirrel cage motor
Product Type	CBA2_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 Guangzhou, China 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	2938 r/min	15.60 A	0.880	90.30 %	48.90 N·m	7.60
D	--	50 Hz	400 V	15.00 kW	2938 r/min	27.00 A	0.880	90.30 %	48.89 N·m	7.60
Y	--	50 Hz	660 V	15.00 kW	2929 r/min	16.10 A	0.900	90.30 %	48.89 N·m	7.00
D	--	50 Hz	380 V	15.00 kW	2929 r/min	28.00 A	0.900	90.30 %	48.89 N·m	7.00
D	--	60 Hz	440 V	15.00 kW	3541 r/min	23.60 A	0.920	90.20 %	40.45 N·m	8.50
D	--	60 Hz	460 V	15.00 kW	3547 r/min	23.40 A	0.870	90.20 %	48.41 N·m	9.60

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 90.3 % Partial Load (75%) 90.5 % Partial Load (50%) 89.7 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 90.2 % Partial Load (75%) 89.8 % Partial Load (50%) 88.5 %
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
Lubrication	For life
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 pallet (lift)
Product Net Weight	116 kg
Gross Weight	126 kg

Environmental

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

Standards	IEC 60034-1
UNSPSC	26101100

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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

