

PRODUCT-DETAILS

3GBA162420-BDCCN

(3GBA162420-BDCCN)



General Information	
Product ID	3GBA162420-BDCCN
ABB Type Designation	M2BAX 160MLB 4
Catalog Description	(3GBA162420-BDCCN)

Ordering	
ABB Type Designation	M2BAX 160MLB 4
Invoice Description	M2BAX 160MLB 4
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	1468 r/min	17.10 A	0.810	90.60 %	97.71 N·m	8.00
D	--	50 Hz	400 V	15.00 kW	1468 r/min	29.50 A	0.810	90.60 %	97.71 N·m	8.00
Y	--	50 Hz	660 V	15.00 kW	1463 r/min	17.40 A	0.830	90.60 %	97.71 N·m	7.40
D	--	50 Hz	380 V	15.00 kW	1463 r/min	30.30 A	0.830	90.60 %	97.71 N·m	7.40
D	--	60 Hz	440 V	15.00 kW	1768 r/min	26.30 A	0.820	91.00 %	80.85 N·m	8.90
D	--	60 Hz	460 V	15.00 kW	1771 r/min	25.80 A	0.800	91.00 %	80.71 N·m	9.30
Temperature Class										
Default										
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 90.6 % Partial Load (75%) 91.0 % Partial Load (50%) 90.9 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 91.0 % Partial Load (75%) 90.6 % Partial Load (50%) 89.3 %
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										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	126 kg
Gross Weight	136 kg

Environmental

Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

