

PRODUCT-DETAILS

3GBA161430-BDCIN  
(3GBA161430-BDCIN)



General Information

Product ID	3GBA161430-BDCIN
ABB Type Designation	M2BAX 160MLC 2
Catalog Description	(3GBA161430-BDCIN)

Ordering

ABB Type Designation	M2BAX 160MLC 2
Invoice Description	M2BAX 160MLC 2
Product Name	3-Phase squirrel cage motor
Product Type	IBA2__M2BAX_IE2_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	India (IN)
Customs Tariff Number	85015230

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
D	--	50 Hz	415 V	18.50 kW	2928 r/min	32.40 A	0.870	90.90 %	60.00 N·m	7.00
Temperature Class										--
Default										
Altitude										1000 m
Ambient Temperature										50 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 90.9 % Partial Load (75%) 91.2 % Partial Load (50%) 90.4 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 91.0 % Partial Load (75%) 91.0 % Partial Load (50%) 90.4 %
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	6209-2Z/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	131 kg
Gross Weight	141 kg

Environmental

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

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

