

PRODUCT-DETAILS

3GBA161430-BDT

M2BAX 160MLC 2



General Information	
Product ID	3GBA161430-BDT
ABB Type Designation	M2BAX 160MLC 2
Catalog Description	M2BAX 160MLC 2

Ordering	
ABB Type Designation	M2BAX 160MLC 2
Invoice Description	M2BAX 160MLC 2
Product Name	3-Phase squirrel cage motor
Product Type	EBA1__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

Electrical	
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	18.50 kW	2939 r/min	19.40 A	0.870	89.30 %	60.13 N·m	7.90
D	--	50 Hz	400 V	18.50 kW	2939 r/min	33.40 A	0.870	89.30 %	60.13 N·m	7.90
Y	--	50 Hz	660 V	18.50 kW	2932 r/min	19.80 A	0.890	89.30 %	60.13 N·m	7.90
D	--	50 Hz	380 V	18.50 kW	2932 r/min	34.40 A	0.890	89.30 %	60.13 N·m	7.90
D	--	60 Hz	440 V	18.50 kW	3540 r/min	30.20 A	0.870	89.50 %	49.79 N·m	9.20
D	--	60 Hz	460 V	18.50 kW	3546 r/min	29.40 A	0.860	89.50 %	49.72 N·m	9.90
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE1 Full Load (100%) 89.3 % Partial Load (75%) 89.5 % Partial Load (50%) 88.6 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 89.5 % Partial Load (75%) 88.8 % Partial Load (50%) 87.3 %
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										124 kg
Gross Weight										134 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 → IE1 Standard Efficiency Cast Iron Motors

