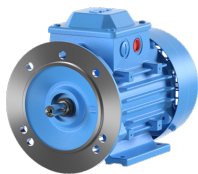




PRODUCT-DETAILS

3GBA083310-BDT  
M2BAX 80MA 6



General Information

Product ID	3GBA083310-BDT
ABB Type Designation	M2BAX 80MA 6
Catalog Description	M2BAX 80MA 6

Ordering

ABB Type Designation	M2BAX 80MA 6
Invoice Description	M2BAX 80MA 6
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	85015100

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	0.37 kW	916 r/min	0.69 A	0.710	59.70 %	3.85 N·m	3.90
D	--	50 Hz	400 V	0.37 kW	916 r/min	1.19 A	0.710	59.70 %	3.85 N·m	3.90
Y	--	50 Hz	660 V	0.37 kW	905 r/min	0.64 A	0.770	59.70 %	3.89 N·m	3.90
D	--	50 Hz	380 V	0.37 kW	905 r/min	1.10 A	0.780	59.70 %	3.89 N·m	3.90
D	--	60 Hz	440 V	0.37 kW	1121 r/min	0.97 A	0.730	62.00 %	3.14 N·m	4.80
D	--	60 Hz	460 V	0.37 kW	1128 r/min	1.08 A	0.650	62.00 %	3.12 N·m	4.50
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE1 Full Load (100%) 59.7 % Partial Load (75%) 57.4 % Partial Load (50%) 50.7 %
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 62.0 % Partial Load (75%) 58.1 % Partial Load (50%) 50.6 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										6
Two Speed Motor										No
Type of Duty										S1
Voltage Code										D
Mechanical										
Frame Material										Cast Iron
Frame Size										80
Bearing										6204-2Z/C3
Bearing NDE										6203-2Z/C3
IM Class										IMB5 IM3001
Terminator Box Location										D-End top
Dimensions										
Package Level 1 Units										0 carton
Product Net Weight										14 kg
Gross Weight										17 kg
Environmental										
WEEE Category										5. Small Equipment (No External Dimension More Than 50 cm)
Classifications										
UNSPSC										26101100

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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE1 Standard Efficiency Cast Iron Motors

