

PRODUCT-DETAILS

3GBA083320-ASC

M2BAX 80MB 6



General Information

Product ID	3GBA083320-ASC
ABB Type Designation	M2BAX 80MB 6
Catalog Description	M2BAX 80MB 6

Additional Information

ABB Type Designation	M2BAX 80MB 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015100
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.55 kW	931 r/min	1.59 A	0.680	73.10 %	5.67 N·m	4.70
D	--	50 Hz	230 V	0.55 kW	931 r/min	2.77 A	0.680	73.10 %	5.67 N·m	4.70
Y	--	50 Hz	380 V	0.55 kW	922 r/min	1.58 A	0.730	73.10 %	5.67 N·m	4.70
D	--	50 Hz	220 V	0.55 kW	922 r/min	2.73 A	0.730	73.10 %	5.67 N·m	4.70
Y	--	60 Hz	440 V	0.55 kW	1136 r/min	1.41 A	0.670	68.00 %	4.64 N·m	5.40
Y	--	60 Hz	460 V	0.55 kW	1142 r/min	1.51 A	0.610	68.00 %	4.58 N·m	5.50
Gross Weight										22 kg
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 73.1 % Partial Load (75%) 71.1 % Partial Load (50%) 66.5 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 68.0 % Partial Load (75%) 63.9 % Partial Load (50%) 56.9 %
IM Class										IMB3 IM1001
IP Class										IP55
Insulation Class										ICLF
Invoice Description										M2BAX 80MB 6
Lubrication										For life
Made To Order										No
Minimum Order Quantity										1 piece
Number of Poles (High)										6
Order Multiple										1 piece
Package Level 1 Units										0 carton
Product Name										3-Phase squirrel cage motor
Product Net Weight										19 kg
Product Type										EBA2__M2BAX_CI
Quote Only										No
SCIP										d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)
Selling Unit of Measure										piece
Standards										IEC 60034-1
Starting of Motor										Direct Online
Stocked At (Warehouses)										Menden, Germany Shanghai, China
Temperature Class Default										--
Temperature Rise										80 K
Terminator Box Location										D-End top
Two Speed Motor										No
Type of Duty										S1
UNSPSC										26101100
Voltage Code										S
WEEE Category										5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

