

PRODUCT-DETAILS

3GBA081320-BSC

M2BAX 80MB 2



General Information

Product ID	3GBA081320-BSC
ABB Type Designation	M2BAX 80MB 2
Catalog Description	M2BAX 80MB 2

Additional Information

ABB Type Designation	M2BAX 80MB 2
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	85015220
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	1.10 kW	2845 r/min	2.44 A	0.830	79.60 %	3.67 N·m	6.20
D	--	50 Hz	230 V	1.10 kW	2845 r/min	4.23 A	0.830	79.60 %	3.67 N·m	6.20
Y	--	50 Hz	380 V	1.10 kW	2819 r/min	2.50 A	0.860	79.60 %	3.67 N·m	5.60
D	--	50 Hz	220 V	1.10 kW	2819 r/min	4.33 A	0.860	79.60 %	3.67 N·m	5.60
Y	--	60 Hz	440 V	1.10 kW	3445 r/min	2.18 A	0.830	78.50 %	3.00 N·m	6.90
Y	--	60 Hz	460 V	1.10 kW	3460 r/min	2.16 A	0.800	78.50 %	2.99 N·m	7.30

Gross Weight	18 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 79.6 % Partial Load (75%) 79.3 % Partial Load (50%) 77.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 78.5 % Partial Load (75%) 77.0 % Partial Load (50%) 73.5 %
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2BAX 80MB 2
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	2
Order Multiple	1 piece
Package Level 1 Units	0 carton
Product Name	3-Phase squirrel cage motor
Product Net Weight	15 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

