



PRODUCT-DETAILS

# 3GBA081320-ASC

## M2BAX 80MB 2

### General Information

Product ID	3GBA081320-ASC
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 IMB3 IM1001

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
Selling Unit of Measure	piece
Standards	IEC_60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Central Stock Europe Central Stock Nordic CSCNM
Temperature Class Default	--
Temperature Rise	80 K
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
Voltage Code	S
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)