
PRODUCT-DETAILS

3GBA182420-ASC

M2BAX 180MLB 4



General Information

Product ID	3GBA182420-ASC
ABB Type Designation	M2BAX 180MLB 4
Catalog Description	M2BAX 180MLB 4

Additional Information

ABB Type Designation	M2BAX 180MLB 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6210-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015230
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	22.00 kW	1473 r/min	47.30 A	0.730	91.60 %	142.59 N-m	8.70
D	--	50 Hz	230 V	22.00 kW	1473 r/min	81.90 A	0.730	91.60 %	142.59 N-m	8.70
Y	--	50 Hz	380 V	22.00 kW	1469 r/min	47.00 A	0.770	91.60 %	142.92 N-m	8.30
D	--	50 Hz	220 V	22.00 kW	1469 r/min	81.40 A	0.770	91.60 %	142.92 N-m	8.30
Y	--	60 Hz	440 V	22.00 kW	1774 r/min	41.10 A	0.760	92.40 %	118.38 N-m	9.70
Y	--	60 Hz	460 V	22.00 kW	1776 r/min	41.20 A	0.720	92.40 %	118.21 N-m	10.10

Gross Weight	179 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 91.6 % Partial Load (75%) 91.4 % Partial Load (50%) 90.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 92.4 % Partial Load (75%) 91.7 % Partial Load (50%) 90.0 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2BAX 180MLB 4
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	4
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Product Name	3-Phase squirrel cage motor
Product Net Weight	169 kg
Product Type	EBA2__M2BAX_CI
Quote Only	No
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)
Selling Unit of Measure	piece
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

Categories

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

