
PRODUCT-DETAILS

3GBA182410-ASCCN

M2BAX 180MLA4



General Information

Product ID	3GBA182410-ASCCN
ABB Type Designation	M2BAX 180MLA 4
Catalog Description	M2BAX 180MLA4

Additional Information

ABB Type Designation	M2BAX 180MLA 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6210-2Z/C3
Bearing NDE	6209-2Z/C3
Country of Origin	China (CN)
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	18.50 kW	1470 r/min	36.40 A	0.800	91.20 %	120.59 N-m	8.30
D	--	50 Hz	230 V	18.50 kW	1470 r/min	63.00 A	0.800	91.20 %	120.59 N-m	8.30
Y	--	50 Hz	380 V	18.50 kW	1465 r/min	37.00 A	0.830	91.20 %	120.93 N-m	7.70
D	--	50 Hz	220 V	18.50 kW	1465 r/min	64.20 A	0.830	91.20 %	120.93 N-m	7.70
Y	--	60 Hz	440 V	18.50 kW	1771 r/min	32.20 A	0.810	92.40 %	100.06 N-m	9.00
Y	--	60 Hz	460 V	18.50 kW	1774 r/min	31.60 A	0.790	92.40 %	99.89 N-m	9.70

Gross Weight	166 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 91.2 % Partial Load (75%) 91.3 % Partial Load (50%) 90.8 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 92.4 % Partial Load (75%) 92.0 % Partial Load (50%) 90.8 %
IM Class	IMB3 IM1001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2BAX 180MLA4
Lubrication	For life
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	156 kg
Product Type	CBA2_M2BAX_CI
Quote Only	No
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Shanghai, China Guangzhou, 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	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

