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PRODUCT-DETAILS

# 3GBA182410-HDC

## M2BAX 180MLA 4



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### General Information

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

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### 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) 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	690 V	18.50 kW	1470 r/min	21.30 A	0.790	91.20 %	120.40 N-m	8.50
D	--	50 Hz	400 V	18.50 kW	1470 r/min	36.90 A	0.790	91.20 %	120.40 N-m	8.50
Y	--	50 Hz	660 V	18.50 kW	1467 r/min	21.60 A	0.820	91.20 %	120.80 N-m	7.90
D	--	50 Hz	380 V	18.50 kW	1467 r/min	37.50 A	0.820	91.20 %	120.80 N-m	7.90
D	--	60 Hz	440 V	18.50 kW	1772 r/min	32.50 A	0.800	92.40 %	99.99 N-m	9.30
D	--	60 Hz	460 V	18.50 kW	1775 r/min	32.30 A	0.780	92.40 %	99.82 N-m	9.90

Gross Weight	166 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 91.2 % Partial Load (75%) 91.4 % Partial Load (50%) 90.5 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 92.4 % Partial Load (75%) 91.9 % Partial Load (50%) 90.6 %
IM Class	IMB35 IM2001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M2BAX 180MLA 4
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)
Pre Modified Motor Product ID	3GBA182410-ADC
Product Name	3-Phase squirrel cage motor
Product Net Weight	156 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	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

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## Categories

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

