



PRODUCT-DETAILS

3GBA112310-AEC

IE2 High Efficiency Cast Iron Motors, 4 kW, 500 V (3GBA112310-AEC)



General Information

Product ID	3GBA112310-AEC
ABB Type Designation	M2BAX 112MA 4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 4 kW, 500 V (3GBA112310-AEC)

Ordering

ABB Type Designation	M2BAX 112MA 4
Invoice Description	M2BAX 112MA 4
Product Name	3-Phase squirrel cage motor
Product Type	EBA2_M2BAX_CI
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	China (CN) Poland (PL)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor
D	--	50 Hz	500 V	4.00 kW	1435 r/min	6.43 A	0.830
Connection Configuration							D
Temperature Class Default							--
Input Voltage (U _{in})							500 V
Frequency (f)							50 Hz
Output Power							4 kW
Altitude							1000 m
Ambient Temperature							40 °C
IC Class							IC411
IE Class Data (50 Hz)							IE Class IE2
IP Class							IP55
Insulation Class							ICLF
Number of Poles (High)							4
Two Speed Motor							No
Type of Duty							S1
Voltage Code							E

Mechanical

Frame Size	112
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB3 IM1001

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	41 kg
Gross Weight	41 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)

Classifications

UNSPSC	26101100
--------	----------

Categories

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

