



PRODUCT-DETAILS

3GBA073310-AEC

IE2 High Efficiency Cast Iron Motors, 0.18 kW,  
500 V (3GBA073310-AEC)



General Information

Product ID	3GBA073310-AEC
ABB Type Designation	M2BAX 71MA 6
Catalog Description	IE2 High Efficiency Cast Iron Motors, 0.18 kW, 500 V (3GBA073310-AEC)

Ordering

ABB Type Designation	M2BAX 71MA 6
Invoice Description	M2BAX 71MA 6
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	85015100
Medium Description	0.18kW, 6 Poles, Frame Size 71, 3 Phases, 500V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA073310-AEC)
Short Description	0.18kW, 6P, Frame Size 71, 3PH, 500V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data									
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Torque	IS/IN
D	--	50 Hz	500 V	0.18 kW	891 r/min	0.48 A	0.780	1.86 N·m	3.10
Connection Configuration									D
Temperature Class Default									--
Input Voltage (U <sub>in</sub> )									500 V
Frequency (f)									50 Hz
Output Power									0.18 kW
Altitude									1000 m
Ambient Temperature									40 °C
IC Class									IC411
IE Class Data (50 Hz)									IE Class IE2 Full Load (100%) 56.7 % Partial Load (75%) 56.1 % Partial Load (50%) 50.0 %
IP Class									IP55
Insulation Class									ICLF
Direction of Rotation									Both sides
Number of Poles (High)									6
Two Speed Motor									No
Type of Duty									S1
Voltage Code									E

Mechanical

Frame Material		Cast Iron
Frame Size		71
Bearing		6203-2Z/C3
Bearing NDE		6202-2Z/C3
Lubrication		For life
IM Class		IMB3 IM1001
Terminator Box Location		D-End top

Dimensions

Product Net Depth / Length		257 mm
Product Net Height		175 mm
Product Net Width		147 mm
Product Net Weight		9 kg
Gross Weight		9 kg

Environmental

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

Classifications

Standards		IEC 60034-1
UNSPSC		26101100

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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

