



PRODUCT-DETAILS

# 3GBA072320-CSC

## IE2 High Efficiency Cast Iron Motors, 0.37 kW, 400 V (3GBA072320-CSC)



General Information	
Product ID	3GBA072320-CSC
ABB Type Designation	M2BAX 71MB 4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 0.37 kW, 400 V (3GBA072320-CSC)
Ordering	
ABB Type Designation	M2BAX 71MB 4
Invoice Description	M2BAX 71MB4
Product Name	3 Phase
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)
Customs Tariff Number	85015100
Replaced Product ID (OLD)	3GBA072212-CSB
Medium Description	0.37kW, 4 Poles, Frame Size 71, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GBA072320-CSC)
Short Description	0.37kW, 4P, Frame Size 71, 3PH, 400V, 50Hz, IP55, IMB14/IM3601

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.37 kW	1420 r/min	1.05 A	0.700	72.70 %	2.49 N·m	4.50
D	--	50 Hz	230 V	0.37 kW	1420 r/min	1.83 A	0.700	72.70 %	2.49 N·m	4.50
Y	--	50 Hz	380 V	0.37 kW	1406 r/min	1.03 A	0.750	72.70 %	2.51 N·m	4.20
D	--	50 Hz	220 V	0.37 kW	1406 r/min	1.78 A	0.750	72.70 %	2.51 N·m	4.20
Y	--	60 Hz	440 V	0.37 kW	1731 r/min	0.98 A	0.690	72.00 %	2.09 N·m	5.40
Y	--	60 Hz	460 V	0.37 kW	1731 r/min	0.98 A	0.660	72.00 %	2.09 N·m	5.40
Connection Configuration										Y
Temperature Class										--
Default										
Input Voltage (U <sub>in</sub> )										400 V
Frequency (f)										50 Hz
Output Power										0.37 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE2
										Full Load (100%) 72.7 %
										Partial Load (75%) 72.3 %
										Partial Load (50%) 67.6 %
IE Class Data (60 Hz)										IE Class IE2
										Full Load (100%) 72.0 %
										Partial Load (75%) 70.0 %
										Partial Load (50%) 63.6 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										4
Two Speed Motor										No
Type of Duty										S1
Voltage Code										S

Mechanical

Frame Material	Cast Iron
Frame Size	71
Bearing	6203-2Z/C3
Bearing NDE	6202-2Z/C3
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	257 mm
Product Net Height	175 mm
Product Net Width	147 mm
Product Net Weight	10 kg
Gross Weight	13 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Classifications

Standards	IEC 60034-1
UNSPSC	26101100

Categories

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

