



PRODUCT-DETAILS

3GBA102510-CSC

IE2 High Efficiency Cast Iron Motors, 2.2 kW, 400 V (3GBA102510-CSC)



General Information	
Product ID	3GBA102510-CSC
ABB Type Designation	M2BAX 100LA 4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 2.2 kW, 400 V (3GBA102510-CSC)

Ordering	
ABB Type Designation	M2BAX 100LA 4
Invoice Description	M2BAX 100LA4
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	85015220
Stocked At (Warehouses)	Menden, Germany
Medium Description	2.2kW, 4 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GBA102510-CSC)
Short Description	2.2kW, 4P, Frame Size 100, 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	2.20 kW	1446 r/min	4.96 A	0.770	84.30 %	14.54 N·m	7.40	
D	--	50 Hz	230 V	2.20 kW	1446 r/min	8.59 A	0.770	84.30 %	14.54 N·m	7.40	
Y	--	50 Hz	380 V	2.20 kW	1439 r/min	4.94 A	0.810	84.30 %	14.50 N·m	7.00	
D	--	50 Hz	220 V	2.20 kW	1439 r/min	8.56 A	0.810	84.30 %	14.50 N·m	7.00	
Y	--	60 Hz	440 V	2.20 kW	1747 r/min	4.27 A	0.790	83.00 %	12.02 N·m	8.40	
Y	--	60 Hz	460 V	2.20 kW	1752 r/min	4.37 A	0.750	83.00 %	11.99 N·m	8.70	
Connection Configuration										Y	
Temperature Class Default										--	
Input Voltage (U _{in})										400 V	
Frequency (f)										50 Hz	
Output Power										2.2 kW	
Altitude										1000 m	
Ambient Temperature										40 °C	
IC Class										IC411	
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 84.3 % Partial Load (75%) 83.6 % Partial Load (50%) 81.4 %	
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 83.0 % Partial Load (75%) 81.2 % Partial Load (50%) 77.6 %	
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	100
Bearing	6206-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB14 IM3601
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth / Length	376 mm
Product Net Height	240 mm
Product Net Width	218 mm
Product Net Weight	31 kg
Gross Weight	36 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

Categories

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

