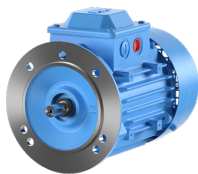


PRODUCT-DETAILS

3GBA092110-BDC

IE2 High Efficiency Cast Iron Motors, 1.1 kW, 400 V (3GBA092110-BDC)



General Information	
Product ID	3GBA092110-BDC
ABB Type Designation	M2BAX 90SA 4
Catalog Description	IE2 High Efficiency Cast Iron Motors, 1.1 kW, 400 V (3GBA092110-BDC)

Ordering	
ABB Type Designation	M2BAX 90SA 4
Invoice Description	M2BAX 90SA 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)
Customs Tariff Number	85015220
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Medium Description	1.1kW, 4 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA092110-BDC)
Short Description	1.1kW, 4P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

Electrical											
Electrical Data											
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN	
Y	--	50 Hz	690 V	1.10 kW	1447 r/min	1.58 A	0.710	81.40 %	7.35 N·m	6.60	
D	--	50 Hz	400 V	1.10 kW	1447 r/min	2.74 A	0.710	81.40 %	7.35 N·m	6.60	
Y	--	50 Hz	660 V	1.10 kW	1440 r/min	1.56 A	0.750	81.40 %	7.35 N·m	6.30	
D	--	50 Hz	380 V	1.10 kW	1440 r/min	2.71 A	0.750	81.40 %	7.35 N·m	6.30	
D	--	60 Hz	440 V	1.10 kW	1754 r/min	2.44 A	0.710	79.00 %	6.05 N·m	7.50	
D	--	60 Hz	460 V	1.10 kW	1760 r/min	2.48 A	0.670	79.00 %	6.03 N·m	7.70	
Connection Configuration										D	
Temperature Class Default										--	
Input Voltage (U _{in})										400 V	
Frequency (f)										50 Hz	
Output Power										1.1 kW	
Altitude										1000 m	
Ambient Temperature										40 °C	
IC Class										IC411	
IE Class Data (50 Hz)										IE Class IE2 Full Load (100%) 81.4 % Partial Load (75%) 79.6 % Partial Load (50%) 75.6 %	
IE Class Data (60 Hz)										IE Class IE1 Full Load (100%) 79.0 % Partial Load (75%) 75.8 % Partial Load (50%) 70.0 %	
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										D	
Mechanical											
Frame Material										Cast Iron	
Frame Size										90	
Bearing										6205-2Z/C3	
Bearing NDE										6204-2Z/C3	
IM Class										IMB5 IM3001	
Terminator Box Location										D-End top	
Dimensions											

Package Level 1 Units	0 carton
Product Net Depth / Length	351 mm
Product Net Height	217 mm
Product Net Width	195 mm
Product Net Weight	22 kg
Gross Weight	25 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
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Categories

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

