



PRODUCT-DETAILS

3GBA093010-ASD

IE3 Premium Efficiency Cast Iron Motors, 0.75 kW, 400 V (3GBA093010-ASD)



General Information	
Product ID	3GBA093010-ASD
ABB Type Designation	M2BAX 90SLA 6
Catalog Description	IE3 Premium Efficiency Cast Iron Motors, 0.75 kW, 400 V (3GBA093010-ASD)

Ordering	
ABB Type Designation	M2BAX 90SLA 6
Invoice Description	M2BAX 90SLA 6
Product Name	3-Phase squirrel cage motor
Product Type	EBA3__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	85015230
Stocked At (Warehouses)	Menden, Germany Shanghai, China
Medium Description	0.75kW, 6 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA093010-ASD)
Short Description	0.75kW, 6P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB3/IM1001

Electrical

Electrical Data										
Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	0.75 kW	941 r/min	2.02 A	0.680	78.90 %	7.61 N·m	4.60
D	--	50 Hz	230 V	0.75 kW	941 r/min	3.51 A	0.680	78.90 %	7.61 N·m	4.60
Y	--	50 Hz	380 V	0.75 kW	933 r/min	1.98 A	0.730	78.90 %	7.68 N·m	4.40
D	--	50 Hz	220 V	0.75 kW	933 r/min	3.42 A	0.730	78.90 %	7.67 N·m	4.40
Y	--	50 Hz	415 V	0.75 kW	946 r/min	1.97 A	0.670	78.90 %	7.57 N·m	4.90
Connection Configuration										Y
Temperature Class Default										--
Input Voltage (U _{in})										400 V
Frequency (f)										50 Hz
Output Power										0.75 kW
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class IE3 Full Load (100%) 78.9 % Partial Load (75%) 77.3 % Partial Load (50%) 73.7 %
IE Class Data (60 Hz)										IE Class IE2 Full Load (100%) 73.0 % Partial Load (75%) 70.4 % Partial Load (50%) 65.5 %
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										S

Mechanical

Frame Material	Cast Iron
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB3 IM1001
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	170 mm
Product Net Weight	23 kg

Gross Weight	26 kg
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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 → IE3 Premium Efficiency Cast Iron Motors

