

PRODUCT-DETAILS

3GBA091010-BSNCN

IE4 Super Premium Efficiency Cast Iron Motors, 2,2 kW, 400 V (3GBA091010-BSNCN)



General Information	
Product ID	3GBA091010-BSNCN
ABB Type Designation	M2BAX 90SLA 2
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 2,2 kW, 400 V (3GBA091010-BSNCN)

Ordering	
ABB Type Designation	M2BAX 90SLA 2
Invoice Description	M2BAX 90SLA 2
Product Name	3-Phase squirrel cage motor
Product Type	CBA4__M2BAX_IE4_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
Medium Description	2.2kW, 2 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBA091010-BSNCN)
Short Description	2.2kW, 2P, 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	400 V	2.20 kW	2925 r/min	4.10 A	0.880	88.00 %	7.20 N·m	9.60
D	--	50 Hz	230 V	2.20 kW	2925 r/min	7.13 A	0.880	88.00 %	7.20 N·m	9.60
Y	--	50 Hz	380 V	2.20 kW	2915 r/min	4.27 A	0.890	88.00 %	7.23 N·m	8.70
D	--	50 Hz	220 V	2.20 kW	2915 r/min	7.37 A	0.890	88.00 %	7.22 N·m	8.70
Y	--	60 Hz	440 V	2.20 kW	3528 r/min	3.71 A	0.880	88.50 %	5.97 N·m	10.20
Y	--	60 Hz	460 V	2.20 kW	3536 r/min	3.59 A	0.870	88.50 %	5.96 N·m	11.10

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 IE4 Full Load (100%) 88.0 % Partial Load (75%) 88.8 % Partial Load (50%) 88.2 %
IE Class Data (60 Hz)	IE Class IE4 Full Load (100%) 88.5 % Partial Load (75%) 88.4 % Partial Load (50%) 86.6 %
IP Class	IP55
Insulation Class	ICLF
Direction of Rotation	Both sides
Number of Poles (High)	2
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	6205-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Depth /	351 mm

Length	
Product Net Height	217 mm
Product Net Width	170 mm
Product Net Weight	31 kg
Gross Weight	34 kg

Classifications	
UNSPSC	26101100

Categories	
Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors	

