

PRODUCT-DETAILS

# 3GBA092010-ASNCN

## IE4 Super Premium Efficiency Cast Iron Motors, 1,1 kW, 400 V (3GBA092010-ASNCN)



General Information	
Product ID	3GBA092010-ASNCN
ABB Type Designation	M2BAX 90SLA 4
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 1,1 kW, 400 V (3GBA092010-ASNCN)

Ordering	
ABB Type Designation	M2BAX 90SLA 4
Invoice Description	M2BAX 90SLA 4
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	1.1kW, 4 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA092010-ASNCN)
Short Description	1.1kW, 4P, 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	1.10 kW	1445 r/min	2.33 A	0.780	87.20 %	7.25 N·m	7.90
D	--	50 Hz	230 V	1.10 kW	1445 r/min	4.06 A	0.780	87.20 %	7.26 N·m	7.90
Y	--	50 Hz	380 V	1.10 kW	1439 r/min	2.37 A	0.810	87.20 %	7.28 N·m	7.40
D	--	50 Hz	220 V	1.10 kW	1439 r/min	4.09 A	0.810	87.20 %	7.28 N·m	7.40
Y	--	60 Hz	440 V	1.10 kW	1746 r/min	2.14 A	0.770	87.50 %	6.01 N·m	8.60
Y	--	60 Hz	460 V	1.10 kW	1750 r/min	2.13 A	0.740	87.50 %	5.99 N·m	9.10

Connection Configuration	Y
Temperature Class Default	--
Input Voltage (U <sub>in</sub> )	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 IE4 Full Load (100%) 87.2 % Partial Load (75%) 87.2 % Partial Load (50%) 85.4 %
IE Class Data (60 Hz)	IE Class IE4 Full Load (100%) 87.5 % Partial Load (75%) 86.6 % Partial Load (50%) 83.9 %
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	90
Bearing	6205-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB3 IM1001
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	30 kg
Gross Weight	33 kg

Classifications	
UNSPSC	26101100

Categories

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

