



PRODUCT-DETAILS

3GBA093020-ASNCN

IE4 Super Premium Efficiency Cast Iron Motors, 1,1 kW, 400 V (3GBA093020-ASNCN)



General Information	
Product ID	3GBA093020-ASNCN
ABB Type Designation	M2BAX 90SLB 6
Catalog Description	IE4 Super Premium Efficiency Cast Iron Motors, 1,1 kW, 400 V (3GBA093020-ASNCN)

Ordering	
ABB Type Designation	M2BAX 90SLB 6
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, 6 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GBA093020-ASNCN)
Short Description	1.1kW, 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	1.10 kW	953 r/min	2.76 A	0.680	84.50 %	11.01 N·m	5.30
D	--	50 Hz	230 V	1.10 kW	953 r/min	4.81 A	0.680	84.50 %	11.02 N·m	5.30
Y	--	50 Hz	380 V	1.10 kW	947 r/min	2.79 A	0.710	84.50 %	11.08 N·m	5.30
D	--	50 Hz	220 V	1.10 kW	947 r/min	4.81 A	0.710	84.50 %	11.08 N·m	5.30
Y	--	60 Hz	440 V	1.10 kW	1154 r/min	2.52 A	0.670	85.50 %	9.09 N·m	5.70
Y	--	60 Hz	460 V	1.10 kW	1158 r/min	2.52 A	0.640	85.50 %	9.06 N·m	6.00

Connection Configuration	Y
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 IE4 Full Load (100%) 84.5 % Partial Load (75%) 84.0 % Partial Load (50%) 82.3 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.5 % Partial Load (75%) 84.3 % Partial Load (50%) 81.8 %
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	6205-2Z/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	32 kg
Gross Weight	35 kg

Classifications

UNSPSC	26101100
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Categories

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

