



PRODUCT-DETAILS

3GBA093020-BSNIN

IE4 Super Premium Efficiency Cast Iron Motors, 1.1 kW, 415 V (3GBA093020-BSNIN)



| General Information | |
|----------------------|---|
| Product ID | 3GBA093020-BSNIN |
| ABB Type Designation | M2BAX 90SLB 6 |
| Catalog Description | IE4 Super Premium Efficiency Cast Iron Motors, 1.1 kW, 415 V (3GBA093020-BSNIN) |

| Ordering | |
|-------------------------|-----------------------------|
| ABB Type Designation | M2BAX 90SLB 6 |
| Invoice Description | M2BAX 90SLB 6 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | IBA4 _ M2BAX _ IE4 _ CI |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | India (IN) |
| Customs Tariff Number | 85015220 |

| Electrical | |
|-----------------|--|
| Electrical Data | |

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|----------------------------------|------------|-------|---------|---------|-----------|---------|--------------|------------|-----------|---------------------------|
| Y | -- | 50 Hz | 415 V | 1.10 kW | 960 r/min | 2.90 A | 0.700 | 84.50 % | 11.06 N·m | 5.20 |
| Connection Configuration | | | | | | | | | | Y |
| Temperature Class | | | | | | | | | | -- |
| Default | | | | | | | | | | |
| Input Voltage (U _{in}) | | | | | | | | | | 415 V |
| Frequency (f) | | | | | | | | | | 50 Hz |
| Output Power | | | | | | | | | | 1.1 kW |
| Altitude | | | | | | | | | | 1000 m |
| Ambient Temperature | | | | | | | | | | 50 °C |
| IC Class | | | | | | | | | | IC411 |
| IE Class Data (50 Hz) | | | | | | | | | | IE Class IE4 |
| | | | | | | | | | | Full Load (100%) 84.5 % |
| | | | | | | | | | | Partial Load (75%) 84.8 % |
| | | | | | | | | | | Partial Load (50%) 83.2 % |
| 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 | IMB5 IM3001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Weight | 29 kg |
| Gross Weight | 32 kg |

Classifications

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|--------|----------|
| 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

