

PRODUCT-DETAILS

# 3GBA092110-BEC

## M2BAX 90SA 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBA092110-BEC |
| ABB Type Designation | M2BAX 90SA 4   |
| Catalog Description  | M2BAX 90SA 4   |

### Additional Information

|                       |                           |
|-----------------------|---------------------------|
| ABB Type Designation  | M2BAX 90SA 4              |
| Altitude              | 1000 m                    |
| Ambient Temperature   | 40 °C                     |
| Bearing               | 6205-2Z/C3                |
| Bearing NDE           | 6204-2Z/C3                |
| Country of Origin     | China (CN)<br>Poland (PL) |
| Customs Tariff Number | 85015220                  |
| Direction of Rotation | Both sides                |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| D    | --         | 50 Hz | 500 V   | 1.10 kW | 1440 r/min | 2.05 A  | 0.760        | 81.40 %    | 7.37 N·m | 6.30  |
| D    | --         | 60 Hz | 575 V   | 1.10 kW | 1753 r/min | 1.85 A  | 0.720        | 84.00 %    | 6.05 N·m | 7.30  |

|              |       |
|--------------|-------|
| Gross Weight | 25 kg |
| IC Class     | IC411 |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)        | IE Class IE2                                                                                      |
| IE Class Data (60 Hz)        | IE Class IE2<br>Full Load (100%) 84.0 %<br>Partial Load (75%) 82.1 %<br>Partial Load (50%) 78.2 % |
| IM Class                     | IMB5 IM3001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Invoice Description          | M2BAX 90SA 4                                                                                      |
| Made To Order                | No                                                                                                |
| Minimum Order Quantity       | 1 piece                                                                                           |
| Number of Poles (High)       | 4                                                                                                 |
| Order Multiple               | 1 piece                                                                                           |
| Package Level 1 Units        | 0 carton                                                                                          |
| Product Name                 | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight           | 22 kg                                                                                             |
| Product Type                 | EBA2__M2BAX_CI                                                                                    |
| Quote Only                   | No                                                                                                |
| SCIP                         | d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)                                                 |
| Selling Unit of Measure      | piece                                                                                             |
| Temperature Class<br>Default | --                                                                                                |
| Terminator Box Location      | D-End top                                                                                         |
| Two Speed Motor              | No                                                                                                |
| Type of Duty                 | S1                                                                                                |
| UNSPSC                       | 26101100                                                                                          |
| Voltage Code                 | E                                                                                                 |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm)                                        |

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE2 High Efficiency Cast Iron Motors

