

PRODUCT-DETAILS

# 3GMA092310-ASB

## M3MA 90MA 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GMA092310-ASB |
| ABB Type Designation | M3MA 90MA 4    |
| Catalog Description  | M3MA 90MA 4    |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3MA 90MA 4  |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6206-2Z/C3   |
| Bearing NDE           | 6205-2Z/C3   |
| Country of Origin     | Finland (FI) |
| 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 |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 400 V   | 1.10 kW | 1438 r/min | 2.20 A  | 0.850        | 84.10 %    | 7.30 N·m | 7.00  |
| D    | --         | 50 Hz | 230 V   | 1.10 kW | 1438 r/min | 3.80 A  | 0.850        | 84.10 %    | 7.30 N·m | 7.00  |
| Y    | --         | 50 Hz | 380 V   | 1.10 kW | 1427 r/min | 2.30 A  | 0.870        | 84.10 %    | 7.30 N·m | 6.40  |
| Y    | --         | 50 Hz | 415 V   | 1.10 kW | 1448 r/min | 2.20 A  | 0.810        | 84.10 %    | 7.30 N·m | 7.50  |
| Y    | --         | 60 Hz | 460 V   | 1.10 kW | 1749 r/min | 1.92 A  | 0.830        | 86.50 %    | 6.00 N·m | 8.10  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 51 kg                                                                                             |
| IC Class                  | IC410                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 84.1 %<br>Partial Load (75%) 84.4 %<br>Partial Load (50%) 82.9 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 86.5 %<br>Partial Load (75%) 85.3 %<br>Partial Load (50%) 82.7 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP69                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3MA 90MA 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        | 48 kg                                                                                             |
| Product Type              | 3MA3__M3MA_IE3                                                                                    |
| Quote Only                | No                                                                                                |
| SCIP                      | e37e4277-a607-4067-93d4-6976e59c44b8 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Stocked At (Warehouses)   | Menden, Germany                                                                                   |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | N-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | S                                                                                                 |
| WEEE Category             | 5. Small Equipment (No External Dimension More Than 50 cm)                                        |

## Categories

Motors and Generators → IEC Low Voltage AC Motors → Washdown Motors → IEC Food Safe Stainless Steel Motors

