

PRODUCT-DETAILS

# 3GAA104520-CSE

## M3AA 100LB 8



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA104520-CSE |
| ABB Type Designation | M3AA 100LB 8   |
| Catalog Description  | M3AA 100LB 8   |

### Additional Information

|                       |                                           |
|-----------------------|-------------------------------------------|
| ABB Type Designation  | M3AA 100LB 8                              |
| Altitude              | 1000 m                                    |
| Ambient Temperature   | 40 °C                                     |
| Bearing               | 6306-2Z/C3                                |
| Bearing NDE           | 6205-2Z/C3                                |
| Country of Origin     | Finland (FI)<br>China (CN)<br>Poland (PL) |
| Customs Tariff Number | 85015220                                  |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|---------|-----------|---------|--------------|------------|-----------|-------|
| Y    | --         | 50 Hz | 400 V   | 1.10 kW | 695 r/min | 3.10 A  | 0.660        | 76.00 %    | 15.10 N·m | 3.40  |
| D    | --         | 50 Hz | 230 V   | 1.10 kW | 695 r/min | 5.50 A  | 0.660        | 76.00 %    | 15.10 N·m | 3.40  |
| Y    | --         | 60 Hz | 460 V   | 1.10 kW | 860 r/min | 3.10 A  | 0.570        | 77.40 %    | 12.20 N·m | 4.00  |

|              |       |
|--------------|-------|
| Gross Weight | 28 kg |
| IC Class     | IC411 |

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)            | IE Class IE2<br>Full Load (100%) 76.0 %<br>Partial Load (75%) 74.9 %<br>Partial Load (50%) 70.9 % |
| IE Class Data (60 Hz)            | IE Class IE2<br>Full Load (100%) 77.4 %<br>Partial Load (75%) 75.6 %<br>Partial Load (50%) 70.6 % |
| IM Class                         | IMB14 IM3601                                                                                      |
| IP Class                         | IP55                                                                                              |
| Insulation Class                 | ICLF                                                                                              |
| Invoice Description              | M3AA 100LB 8                                                                                      |
| Made To Order                    | No                                                                                                |
| Minimum Order Quantity           | 1 piece                                                                                           |
| Number of Poles (High)           | 8                                                                                                 |
| Order Multiple                   | 1 piece                                                                                           |
| Package Level 1 Units            | 0 carton                                                                                          |
| Pre Modified Motor<br>Product ID | 3GAA104520-BSE                                                                                    |
| Product Name                     | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight               | 23 kg                                                                                             |
| Product Type                     | 3AA2__M3AA_IE2_AA                                                                                 |
| Quote Only                       | No                                                                                                |
| Replaced Product ID<br>(OLD)     | 3GAA104062-CSA<br>3GAA104002-CSE                                                                  |
| SCIP                             | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)                                                 |
| Selling Unit of Measure          | piece                                                                                             |
| Stocked At<br>(Warehouses)       | Menden, Germany<br>Shanghai, China                                                                |
| Temperature Class<br>Default     | --                                                                                                |
| 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 → General Performance Motors → IE2 High Efficiency Aluminum Motors

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