

PRODUCT-DETAILS

# 3GBA311240-BDMCN

## M2BAX 315SMD 2



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GBA311240-BDMCN |
| ABB Type Designation | M2BAX 315SMD 2   |
| Catalog Description  | M2BAX 315SMD 2   |

### Additional Information

|                       |                |
|-----------------------|----------------|
| ABB Type Designation  | M2BAX 315SMD 2 |
| Altitude              | 1000 m         |
| Ambient Temperature   | 40 °C          |
| Bearing               | 6316/C3        |
| Bearing NDE           | 6316/C3        |
| Country of Origin     | China (CN)     |
| Customs Tariff Number | 85015100       |
| Direction of Rotation | Both sides     |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power     | Speed      | Current  | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|-----------|------------|----------|--------------|------------|------------|-------|
| D    | --         | 50 Hz | 380 V   | 160.00 kW | 2980 r/min | 289.00 A | 0.880        | 95.60 %    | 512.00 N·m | 6.70  |
| Y    | --         | 50 Hz | 660 V   | 160.00 kW | 2980 r/min | 166.00 A | 0.880        | 95.60 %    | 512.00 N·m | 6.70  |
| D    | --         | 50 Hz | 400 V   | 160.00 kW | 2983 r/min | 275.00 A | 0.870        | 95.60 %    | 512.00 N·m | 7.40  |

|              |        |
|--------------|--------|
| Gross Weight | 909 kg |
|--------------|--------|

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 95.6 %<br>Partial Load (75%) 95.6 %<br>Partial Load (50%) 94.9 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 315SMD 2                                                                                    |
| Lubrication               | Regreasable                                                                                       |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 2                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 carton                                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 909 kg                                                                                            |
| Product Type              | CBA3__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| Selling Unit of Measure   | piece                                                                                             |
| Standards                 | IEC 60034-1                                                                                       |
| Starting of Motor         | Direct Online                                                                                     |
| Stocked At (Warehouses)   | Shanghai, China                                                                                   |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | D-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | D                                                                                                 |
| WEEE Category             | 4. Large Equipment (Any External Dimension More Than 50 cm)                                       |

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Cast Iron Motors



