

PRODUCT-DETAILS

# 3GBA222210-ADFCN

## M2BAX 225SMA 4



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GBA222210-ADFCN |
| ABB Type Designation | M2BAX 225SMA 4   |
| Catalog Description  | M2BAX 225SMA 4   |

### Additional Information

|                       |                |
|-----------------------|----------------|
| ABB Type Designation  | M2BAX 225SMA 4 |
| Altitude              | 1000 m         |
| Ambient Temperature   | 40 °C          |
| Bearing               | 6213-2Z/C3     |
| Bearing NDE           | 6210-2Z/C3     |
| Country of Origin     | China (CN)     |
| Customs Tariff Number | 85015230       |
| Direction of Rotation | Both sides     |
| Electrical Data       |                |

| Conn | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|------------|-------|
| Y    | --         | 50 Hz | 690 V   | 37.00 kW | 1479 r/min | 40.80 A | 0.810        | 93.90 %    | 237.79 N-m | 9.30  |
| D    | --         | 50 Hz | 400 V   | 37.00 kW | 1479 r/min | 70.30 A | 0.810        | 93.90 %    | 237.79 N-m | 9.30  |
| Y    | --         | 50 Hz | 660 V   | 37.00 kW | 1476 r/min | 41.30 A | 0.840        | 93.90 %    | 237.29 N-m | 8.60  |
| D    | --         | 50 Hz | 380 V   | 37.00 kW | 1476 r/min | 71.80 A | 0.840        | 93.90 %    | 237.29 N-m | 8.60  |
| D    | --         | 60 Hz | 440 V   | 37.00 kW | 1778 r/min | 62.80 A | 0.820        | 94.50 %    | 197.00 N-m | 10.00 |
| D    | --         | 60 Hz | 460 V   | 37.00 kW | 1779 r/min | 60.90 A | 0.810        | 94.50 %    | 196.83 N-m | 10.80 |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 288 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 93.9 %<br>Partial Load (75%) 94.2 %<br>Partial Load (50%) 93.7 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 94.5 %<br>Partial Load (75%) 94.5 %<br>Partial Load (50%) 93.6 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 225SMA 4                                                                                    |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 4                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 278 kg                                                                                            |
| Product Type              | CBA3__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| Selling Unit of Measure   | piece                                                                                             |
| 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

