



PRODUCT-DETAILS

3GBA083410-ASKCN  
(3GBA083410-ASKCN)



General Information

|                      |                    |
|----------------------|--------------------|
| Product ID           | 3GBA083410-ASKCN   |
| ABB Type Designation | M2BAF 80MLA 6      |
| Catalog Description  | (3GBA083410-ASKCN) |

Ordering

|                         |  |
|-------------------------|--|
| ABB Type Designation    | M2BAF 80MLA 6                                |
| Invoice Description     | M2BAF 80MLA 6                                |
| Product Name            | 3-Phase squirrel cage motor                  |
| Product Type            | CBF3__M2BAF_IE3_CI                           |
| Made To Order           | No   |
| Minimum Order Quantity  | 1 piece                                      |
| Order Multiple          | 1 piece                                      |
| Selling Unit of Measure | piece  |
| Country of Origin       | China (CN)                                   |
| Customs Tariff Number   | 85015100                                     |
| Stocked At (Warehouses) | Shanghai, China<br>Guangzhou, China<br>China |

Electrical

Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|-----------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 380 V   | 0.55 kW | 934 r/min | 1.54 A  | 0.710        | 77.20 %    | 5.61 N·m | 5.90  |
| D    | --         | 50 Hz | 220 V   | 0.55 kW | 934 r/min | 2.67 A  | 0.710        | 77.20 %    | 5.61 N·m | 5.90  |

|                           |   |
|---------------------------|---|
| Temperature Class Default | --  |
| Altitude                  | 1000 m  |
| Ambient Temperature       | 40 °C   |
| IC Class                  | IC411   |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 77.2 %<br>Partial Load (75%) 76.8 %<br>Partial Load (50%) 73.7 % |
| IP Class                  | IP55  |
| Insulation Class          | ICLF  |
| Direction of Rotation     | Both sides  |
| Number of Poles (High)    | 6   |
| Two Speed Motor           | No  |
| Type of Duty              | S1  |
| Voltage Code              | S   |

Mechanical

|                         |             |
|-------------------------|-------------|
| Frame Material          | Cast Iron   |
| Frame Size              | 80          |
| Bearing                 | 6204-2Z/C3  |
| Bearing NDE             | 6204-2Z/C3  |
| IM Class                | IMB3 IM1001 |
| Terminator Box Location | D-End top   |

Dimensions

|                       |          |
|-----------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Weight    | 23 kg    |
| Gross Weight          | 26 kg    |

Classifications

|        |          |
|--------|----------|
| UNSPSC | 26101100 |
|--------|----------|

Categories

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

