

PRODUCT-DETAILS

# 3GBA082320-AST

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GBA082320-AST           |
| ABB Type Designation | M2BAX 80MB 4             |
| Catalog Description  | No Description Available |

## Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M2BAX 80MB 4 |
| Bearing               | 6204-2Z/C3   |
| Bearing NDE           | 6203-2Z/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 |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 400 V   | 0.75 kW | 1462 r/min | 1.97 A  | 0.690        | 72.10 %    | 4.97 N·m | 6.70  |
| D    | --         | 50 Hz | 230 V   | 0.75 kW | 1462 r/min | 3.41 A  | 0.690        | 72.10 %    | 4.97 N·m | 6.70  |
| Y    | --         | 50 Hz | 380 V   | 0.75 kW | 1438 r/min | 1.97 A  | 0.740        | 72.10 %    | 4.97 N·m | 6.40  |
| D    | --         | 50 Hz | 220 V   | 0.75 kW | 1438 r/min | 3.41 A  | 0.740        | 72.10 %    | 4.97 N·m | 6.40  |
| Y    | --         | 60 Hz | 440 V   | 0.75 kW | 1748 r/min | 1.78 A  | 0.700        | 77.00 %    | 4.11 N·m | 7.50  |
| Y    | --         | 60 Hz | 460 V   | 0.75 kW | 1754 r/min | 1.80 A  | 0.660        | 77.00 %    | 4.08 N·m | 7.70  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 21 kg                                                                                             |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE1<br>Full Load (100%) 72.1 %<br>Partial Load (75%) 68.6 %<br>Partial Load (50%) 63.3 % |
| IE Class Data (60 Hz)     | IE Class IE1<br>Full Load (100%) 77.0 %<br>Partial Load (75%) 75.2 %<br>Partial Load (50%) 69.6 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| 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        | 18 kg                                                                                             |
| Product Type              | EBA1__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| Selling Unit of Measure   | piece                                                                                             |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | D-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | S                                                                                                 |

## Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE1 Standard Efficiency Cast Iron Motors

