

PRODUCT-DETAILS

# 3GBA312230-HDL

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GBA312230-HDL           |
| ABB Type Designation | M2BA 315SMC 4            |
| Catalog Description  | No Description Available |

## Additional Information

|                       |                           |
|-----------------------|---------------------------|
| ABB Type Designation  | M2BA 315SMC 4             |
| Altitude              | 1000 m                    |
| Ambient Temperature   | 40 °C                     |
| Bearing               | 6219/C3                   |
| Bearing NDE           | 6217/C3                   |
| Country of Origin     | China (CN)<br>Poland (PL) |
| Customs Tariff Number | 85015381                  |
| 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   | 160.00 kW | 1487 r/min | 166.00 A | 0.850        | 94.90 %    | 1027.00 N·m | 7.20  |
| D    | --         | 50 Hz | 400 V   | 160.00 kW | 1487 r/min | 288.00 A | 0.850        | 94.90 %    | 1027.00 N·m | 7.20  |
| Y    | --         | 50 Hz | 660 V   | 160.00 kW | 1485 r/min | 172.00 A | 0.860        | 94.90 %    | 1027.00 N·m | 6.60  |
| D    | --         | 50 Hz | 380 V   | 160.00 kW | 1485 r/min | 298.00 A | 0.860        | 94.90 %    | 1027.00 N·m | 6.60  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 890 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 94.9 %<br>Partial Load (75%) 95.0 %<br>Partial Load (50%) 94.2 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 95.0 %<br>Partial Load (75%) 94.6 %<br>Partial Load (50%) 93.4 % |
| IM Class                  | IMB35 IM2001                                                                                      |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Lubrication               | Regreasable                                                                                       |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 4                                                                                                 |
| Package Level 1 Units     | 1 pallet (lift)                                                                                   |
| Pre Modified Motor        | 3GBA312230-ADL                                                                                    |
| Product ID                |                                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 870 kg                                                                                            |
| Product Type              | 2BA2_M2BA_IE2_CI                                                                                  |
| Quote Only                | No                                                                                                |
| Selling Unit of Measure   | piece                                                                                             |
| Standards                 | IEC 60034-1                                                                                       |
| Starting of Motor         | Direct Online                                                                                     |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | 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 → IE2 High Efficiency Cast Iron Motors

