

PRODUCT-DETAILS

# 3GBA281110-HDL

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GBA281110-HDL           |
| ABB Type Designation | M2BA 280SA 2             |
| Catalog Description  | No Description Available |

## Additional Information

|                       |                           |
|-----------------------|---------------------------|
| ABB Type Designation  | M2BA 280SA 2              |
| Altitude              | 1000 m                    |
| Ambient Temperature   | 40 °C                     |
| Bearing               | 6217/C3                   |
| Bearing NDE           | 6217/C3                   |
| Country of Origin     | China (CN)<br>Poland (PL) |
| Customs Tariff Number | 85015290                  |
| Electrical Data       |                           |

| Conn | Temp Class | Freq  | Voltage | Power    | Speed      | Current  | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|----------|------------|----------|--------------|------------|------------|-------|
| Y    | --         | 50 Hz | 690 V   | 75.00 kW | 2975 r/min | 76.50 A  | 0.870        | 93.80 %    | 240.50 N·m | 7.60  |
| D    | --         | 50 Hz | 400 V   | 75.00 kW | 2975 r/min | 133.00 A | 0.870        | 93.80 %    | 240.50 N·m | 7.60  |
| Y    | --         | 50 Hz | 660 V   | 75.00 kW | 2975 r/min | 79.20 A  | 0.880        | 93.80 %    | 240.75 N·m | 7.00  |
| D    | --         | 50 Hz | 380 V   | 75.00 kW | 2975 r/min | 137.00 A | 0.880        | 93.80 %    | 240.75 N·m | 7.00  |
| D    | --         | 60 Hz | 440 V   | 75.00 kW | 3577 r/min | 120.00 A | 0.880        | 93.60 %    | 200.19 N·m | 7.90  |
| D    | --         | 60 Hz | 460 V   | 75.00 kW | 3579 r/min | 116.00 A | 0.870        | 93.60 %    | 200.08 N·m | 8.60  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight            | 550 kg                                                                                            |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE2<br>Full Load (100%) 93.8 %<br>Partial Load (75%) 93.2 %<br>Partial Load (50%) 91.8 % |
| IE Class Data (60 Hz)   | IE Class IE2<br>Full Load (100%) 93.6 %<br>Partial Load (75%) 92.7 %<br>Partial Load (50%) 90.6 % |
| 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)  | 2                                                                                                 |
| Package Level 1 Units   | 0 pallet (lift)                                                                                   |
| Pre Modified Motor      | 3GBA281110-ADL                                                                                    |
| Product ID              |                                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 530 kg                                                                                            |
| Product Type            | 2BA2__M2BA_IE2_CI                                                                                 |
| Quote Only              | No                                                                                                |
| Selling Unit of Measure | piece                                                                                             |
| Standards               | IEC 60034-1                                                                                       |
| Starting of Motor       | Direct Online                                                                                     |
| Stocked At (Warehouses) | Menden, Germany                                                                                   |
| 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

