

PRODUCT-DETAILS

# 3GBP283410-HDG

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GBP283410-HDG           |
| ABB Type Designation | M3BP 280MLA 6            |
| Catalog Description  | No Description Available |

## Additional Information

|                       |                            |
|-----------------------|----------------------------|
| ABB Type Designation  | M3BP 280MLA 6              |
| Altitude              | 1000 m                     |
| Ambient Temperature   | 40 °C                      |
| Bearing               | 6316/C3                    |
| Bearing NDE           | 6316/C3                    |
| Country of Origin     | Finland (FI)<br>India (IN) |
| Customs Tariff Number | 85015381                   |

### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power    | Speed     | Current  | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|----------|-----------|----------|--------------|------------|------------|-------|
| Y    | --         | 50 Hz | 690 V   | 90.00 kW | 990 r/min | 98.90 A  | 0.810        | 94.10 %    | 868.00 N-m | 7.10  |
| D    | --         | 50 Hz | 400 V   | 90.00 kW | 990 r/min | 170.00 A | 0.810        | 94.10 %    | 868.00 N-m | 7.10  |
| D    | --         | 50 Hz | 415 V   | 90.00 kW | 990 r/min | 168.00 A | 0.790        | 94.10 %    | 868.00 N-m | 7.50  |

|              |        |
|--------------|--------|
| Gross Weight | 860 kg |
|--------------|--------|

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE2<br>Full Load (100%) 94.1 %<br>Partial Load (75%) 94.1 %<br>Partial Load (50%) 93.4 % |
| IM Class                | IMB35 IM2001                                                                                      |
| IP Class                | IP55                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Made To Order           | No                                                                                                |
| Minimum Order Quantity  | 1 piece                                                                                           |
| Number of Poles (High)  | 6                                                                                                 |
| Order Multiple          | 1 piece                                                                                           |
| Package Level 1 Units   | 0 pallet (lift)                                                                                   |
| Pre Modified Motor      | 3GBP283410-ADG                                                                                    |
| Product ID              |                                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 840 kg                                                                                            |
| Product Type            | 3BP2__M3BP_IE2_CI                                                                                 |
| Quote Only              | No                                                                                                |
| SCIP                    | 54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)                                                 |
| Selling Unit of Measure | piece                                                                                             |
| 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 → Process Performance Motors → IE2 High Efficiency Cast Iron Motors

