

PRODUCT-DETAILS

# 3GBP282410-BDM

## M3BP 280MLA 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBP282410-BDM |
| ABB Type Designation | M3BP 280MLA 4  |
| Catalog Description  | M3BP 280MLA 4  |

### Additional Information

|                       |                                          |
|-----------------------|------------------------------------------|
| ABB Type Designation  | M3BP 280MLA 4                            |
| Altitude              | 1000 m                                   |
| Ambient Temperature   | 40 °C                                    |
| Bearing               | 6316/C3                                  |
| Bearing NDE           | 6316/C3                                  |
| Country of Origin     | Finland (FI)<br>China (CN)<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 | 1489 r/min | 92.00 A  | 0.850        | 96.10 %    | 577.00 N·m | 8.80  |
| D    | --         | 50 Hz | 400 V   | 90.00 kW | 1489 r/min | 160.00 A | 0.850        | 96.10 %    | 577.00 N·m | 8.80  |
| D    | --         | 50 Hz | 415 V   | 90.00 kW | 1489 r/min | 156.00 A | 0.830        | 96.10 %    | 578.00 N·m | 9.40  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 860 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE4<br>Full Load (100%) 96.1 %<br>Partial Load (75%) 96.1 %<br>Partial Load (50%) 95.4 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3BP 280MLA 4                                                                                     |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 4                                                                                                 |
| Package Level 1 Units     | 0 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 840 kg                                                                                            |
| Product Type              | 3BP4__M3BP_IE4_CI                                                                                 |
| Quote Only                | No                                                                                                |
| SCIP                      | 54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Service Factor            | 1.00                                                                                              |
| 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 → Process Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors



