

PRODUCT-DETAILS

# 3GBP282230-HEG

## HIGH OUTPUT



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBP282230-HEG |
| ABB Type Designation | M3BP 280SMC 4  |
| Catalog Description  | HIGH OUTPUT    |

### Additional Information

|                       |                                           |
|-----------------------|-------------------------------------------|
| ABB Type Designation  | M3BP 280SMC 4                             |
| Altitude              | 1000 m                                    |
| Ambient Temperature   | 40 °C                                     |
| Bearing               | 6316/C3                                   |
| Bearing NDE           | 6316/C3                                   |
| Country of Origin     | Finland (FI)<br>China (CN)<br>Poland (PL) |
| Customs Tariff Number | 85015381                                  |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power     | Speed      | Current  | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|-----------|------------|----------|--------------|------------|------------|-------|
| D    | --         | 50 Hz | 500 V   | 110.00 kW | 1484 r/min | 154.00 A | 0.860        | 95.10 %    | 707.00 N·m | 7.20  |

|                       |                                         |
|-----------------------|-----------------------------------------|
| Gross Weight          | 745 kg                                  |
| IC Class              | IC411                                   |
| IE Class Data (50 Hz) | IE Class IE2<br>Full Load (100%) 95.1 % |

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
|                               | Partial Load (75%) 95.4 %                                   |
|                               | Partial Load (50%) 95.1 %                                   |
| IM Class                      | IMB35 IM2001                                                |
| IP Class                      | IP55                                                        |
| Insulation Class              | ICLF                                                        |
| Invoice Description           | HIGH OUTPUT                                                 |
| Made To Order                 | No                                                          |
| Minimum Order Quantity        | 1 piece                                                     |
| Number of Poles (High)        | 4                                                           |
| Package Level 1 Units         | 1 pallet (lift)                                             |
| Pre Modified Motor Product ID | 3GBP282230-AEG                                              |
| Product Name                  | 3-Phase squirrel cage motor                                 |
| Product Net Weight            | 725 kg                                                      |
| Product Type                  | 3BP2__M3BP_IE2_CI                                           |
| Quote Only                    | No                                                          |
| SCIP                          | 54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)           |
| Selling Unit of Measure       | piece                                                       |
| Service Factor                | 1.00                                                        |
| Temperature Class Default     | --                                                          |
| Terminator Box Location       | Top                                                         |
| Two Speed Motor               | No                                                          |
| Type of Duty                  | S1                                                          |
| UNSPSC                        | 26101100<br>39120000                                        |
| Voltage Code                  | E                                                           |
| 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

Motors and Generators → IEC Low Voltage AC Motors → Smoke Extraction Motors

