

PRODUCT-DETAILS

# 3GBP312230-BSG

## M3BP 315SMC 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBP312230-BSG |
| ABB Type Designation | M3BP 315SMC 4  |
| Catalog Description  | M3BP 315SMC 4  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3BP 315SMC 4 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6319/C3       |
| Bearing NDE           | 6316/C3       |
| Country of Origin     | Finland (FI)  |
| 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 | 400 V   | 160.00 kW | 1487 r/min | 284.00 A | 0.850        | 95.30 %    | 1027.00 N-m | 7.20  |
| D    | --         | 50 Hz | 230 V   | 160.00 kW | 1487 r/min | 494.00 A | 0.850        | 95.30 %    | 1027.00 N-m | 7.20  |
| Y    | --         | 50 Hz | 415 V   | 160.00 kW | 1488 r/min | 277.00 A | 0.840        | 95.40 %    | 1027.00 N-m | 8.60  |
| Y    | --         | 60 Hz | 460 V   | 160.00 kW | 1788 r/min | 249.00 A | 0.850        | 95.20 %    | 854.00 N-m  | 8.20  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 1020 kg                                                                                           |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 95.3 %<br>Partial Load (75%) 95.3 %<br>Partial Load (50%) 94.8 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 95.2 %<br>Partial Load (75%) 95.0 %<br>Partial Load (50%) 94.0 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3BP 315SMC 4                                                                                     |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 4                                                                                                 |
| Output Power              | 160 kW                                                                                            |
| Package Level 1 Units     | 1 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 1000 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              | S                                                                                                 |
| 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

