

PRODUCT-DETAILS

# 3GBP351230-BSG

## M3BP 355SMC 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBP351230-BSG |
| ABB Type Designation | M3BP 355SMC 2  |
| Catalog Description  | M3BP 355SMC 2  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3BP 355SMC 2 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6316M/C3      |
| Bearing NDE           | 6316M/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   | 355.00 kW | 2982 r/min | 603.00 A  | 0.880        | 95.70 %    | 1136.00 N·m | 7.20  |
| D    | --         | 50 Hz | 230 V   | 355.00 kW | 2982 r/min | 1049.00 A | 0.880        | 95.70 %    | 1136.00 N·m | 7.20  |
| Y    | --         | 50 Hz | 415 V   | 355.00 kW | 2985 r/min | 588.00 A  | 0.870        | 95.70 %    | 1135.00 N·m | 7.90  |

|              |      |
|--------------|------|
| Gross Weight | 0 kg |
|--------------|------|

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                     | IC411                                                                                             |
| IE Class Data (50 Hz)        | IE Class IE2<br>Full Load (100%) 95.7 %<br>Partial Load (75%) 95.5 %<br>Partial Load (50%) 94.7 % |
| IM Class                     | IMB5 IM3001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Invoice Description          | M3BP 355SMC 2                                                                                     |
| Made To Order                | No                                                                                                |
| Minimum Order Quantity       | 1 piece                                                                                           |
| Number of Poles (High)       | 2                                                                                                 |
| Order Multiple               | 1 piece                                                                                           |
| Package Level 1 Units        | 0 pallet (lift)                                                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight           | 1750 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<br>Default | --                                                                                                |
| Terminator Box Location      | Top                                                                                               |
| Two Speed Motor              | No                                                                                                |
| Type of Duty                 | S1                                                                                                |
| UNSPSC                       | 26101100                                                                                          |
| 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

