

PRODUCT-DETAILS

# 3GKP353210-BDG

## M3KP 355SMA 6



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GKP353210-BDG |
| ABB Type Designation | M3KP 355SMA 6  |
| Catalog Description  | M3KP 355SMA 6  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3KP 355SMA 6 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6322/C3       |
| Bearing NDE           | 6316/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015381      |
| Direction of Rotation | Both sides    |
| EX-Protection         | Exdbeb        |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power     | Speed     | Current  | Power Factor | Efficiency | Torque      | IS/IN |
|------|------------|-------|---------|-----------|-----------|----------|--------------|------------|-------------|-------|
| Y    | T4         | 50 Hz | 690 V   | 160.00 kW | 993 r/min | 169.00 A | 0.830        | 95.40 %    | 1538.00 N·m | 7.00  |
| D    | T4         | 50 Hz | 400 V   | 160.00 kW | 993 r/min | 291.00 A | 0.830        | 95.40 %    | 1538.00 N·m | 7.00  |
| D    | T4         | 50 Hz | 415 V   | 160.00 kW | 994 r/min | 284.00 A | 0.820        | 95.40 %    | 1537.00 N·m | 7.50  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group               | IIB                                                                                               |
| Gross Weight            | 1580 kg                                                                                           |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE2<br>Full Load (100%) 95.4 %<br>Partial Load (75%) 95.4 %<br>Partial Load (50%) 94.7 % |
| IM Class                | IMB5 IM3001                                                                                       |
| IP Class                | IP55                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Invoice Description     | M3KP 355SMA 6                                                                                     |
| Made To Order           | No                                                                                                |
| Minimum Order Quantity  | 1 piece                                                                                           |
| Number of Poles (High)  | 6                                                                                                 |
| Output Power            | 250 kW                                                                                            |
| Package Level 1 Units   | 1 pallet (lift)                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 1550 kg                                                                                           |
| Product Type            | 3KP2__M3KP_IE2_Flameproof_Exde_motor                                                              |
| Quote Only              | No                                                                                                |
| Selling Unit of Measure | piece                                                                                             |
| Temperature Class       | T4                                                                                                |
| 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 → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE2 High Efficiency LV Motors



