

PRODUCT-DETAILS

# 3GKP354210-AEG

## M3KP 355SMA 8



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GKP354210-AEG |
| ABB Type Designation | M3KP 355SMA 8  |
| Catalog Description  | M3KP 355SMA 8  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3KP 355SMA 8 |
| 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 |
|------|------------|-------|---------|-----------|-----------|----------|--------------|------------|-------------|-------|
| D    | T4         | 50 Hz | 500 V   | 132.00 kW | 744 r/min | 205.00 A | 0.780        | 93.90 %    | 1694.00 N·m | 7.50  |

|              |         |
|--------------|---------|
| Gas Group    | IIB     |
| Gross Weight | 1580 kg |
| IC Class     | IC411   |

IE Class Data (50 Hz)

IE Class IE2  
Full Load (100%) 93.9 %  
Partial Load (75%) 94.1 %  
Partial Load (50%) 93.3 %

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| IM Class                  | IMB3 IM1001                                                 |
| IP Class                  | IP55                                                        |
| Insulation Class          | ICLF                                                        |
| Invoice Description       | M3KP 355SMA 8                                               |
| Made To Order             | No                                                          |
| Minimum Order Quantity    | 1 piece                                                     |
| Number of Poles (High)    | 8                                                           |
| 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 Default | T4                                                          |
| Terminator Box Location   | Top                                                         |
| Two Speed Motor           | No                                                          |
| Type of Duty              | S1                                                          |
| UNSPSC                    | 26101100                                                    |
| Voltage Code              | E                                                           |
| 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

