

PRODUCT-DETAILS

# 3GKP166440-BDH

## M3KP 160MLD 12



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GKP166440-BDH |
| ABB Type Designation | M3KP 160MLD 12 |
| Catalog Description  | M3KP 160MLD 12 |

### Additional Information

|                       |                |
|-----------------------|----------------|
| ABB Type Designation  | M3KP 160MLD 12 |
| Altitude              | 1000 m         |
| Ambient Temperature   | 40 °C          |
| Bearing               | 6309/C3        |
| Bearing NDE           | 6309/C3        |
| Country of Origin     | Finland (FI)   |
| Customs Tariff Number | 85015220       |
| 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   | 4.00 kW | 473 r/min | 8.40 A  | 0.540        | 78.90 %    | 80.70 N·m | 3.70  |
| D    | T4         | 50 Hz | 400 V   | 4.00 kW | 473 r/min | 14.60 A | 0.540        | 78.90 %    | 80.70 N·m | 3.70  |
| D    | T4         | 50 Hz | 415 V   | 4.00 kW | 476 r/min | 14.90 A | 0.510        | 76.80 %    |           |       |

|              |        |
|--------------|--------|
| Gas Group    | IIB    |
| Gross Weight | 255 kg |
| IC Class     | IC411  |

IE Class Data (50 Hz)

IE Class NA  
Full Load (100%) 76.8 %  
Partial Load (75%) 75.2 %  
Partial Load (50%) 70.2 %

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| IM Class                  | IMB5 IM3001                                                 |
| IP Class                  | IP55                                                        |
| Insulation Class          | ICLF                                                        |
| Invoice Description       | M3KP 160MLD 12                                              |
| Made To Order             | No                                                          |
| Minimum Order Quantity    | 1 piece                                                     |
| Number of Poles (High)    | 12                                                          |
| Package Level 1 Units     | 1 pallet (lift)                                             |
| Product Name              | 3-Phase squirrel cage motor                                 |
| Product Net Weight        | 245 kg                                                      |
| Product Type              | 3KP2__M3KP_IE2_Flameproof_Exde_motor                        |
| Quote Only                | No                                                          |
| Replaced Product ID (OLD) | 3GKP166440-BDG                                              |
| Selling Unit of Measure   | piece                                                       |
| Service Factor            | 1.00                                                        |
| Temperature Class Default | T4                                                          |
| 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

