

PRODUCT-DETAILS

# 3GKP164410-BEH

## M3KP 160MLA 8



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GKP164410-BEH |
| ABB Type Designation | M3KP 160MLA 8  |
| Catalog Description  | M3KP 160MLA 8  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3KP 160MLA 8 |
| 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 |
|------|------------|-------|---------|---------|-----------|---------|--------------|------------|-----------|-------|
| D    | T4         | 50 Hz | 500 V   | 4.00 kW | 721 r/min | 8.19 A  | 0.700        | 83.30 %    | 52.94 N·m | 4.60  |
| D    | T4         | 60 Hz | 575 V   | 4.00 kW | 874 r/min | 7.35 A  | 0.670        | 82.80 %    | 43.67 N·m | 5.10  |

|                       |              |
|-----------------------|--------------|
| Gas Group             | IIB          |
| Gross Weight          | 255 kg       |
| IC Class              | IC411        |
| IE Class Data (50 Hz) | IE Class IE2 |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
|                           | Full Load (100%) 83.3 %<br>Partial Load (75%) 84.7 %<br>Partial Load (50%) 84.2 %                 |
| IE Class Data (60 Hz)     | IE Class IE1<br>Full Load (100%) 82.8 %<br>Partial Load (75%) 82.6 %<br>Partial Load (50%) 80.4 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3KP 160MLA 8                                                                                     |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 8                                                                                                 |
| 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) | 3GKP164410-BEG                                                                                    |
| 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              | 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



