

PRODUCT-DETAILS

# 3GKP161430-ASK

## M3KP 160MLC 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GKP161430-ASK |
| ABB Type Designation | M3KP 160MLC 2  |
| Catalog Description  | M3KP 160MLC 2  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3KP 160MLC 2 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6309/C3       |
| Bearing NDE           | 6309/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015230      |
| 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 | 400 V   | 18.50 kW | 2942 r/min | 30.80 A | 0.930        | 93.10 %    | 60.00 N-m | 8.30  |
| D    | T4         | 50 Hz | 230 V   | 18.50 kW | 2942 r/min | 53.90 A | 0.930        | 93.10 %    | 60.00 N-m | 8.30  |
| Y    | T4         | 50 Hz | 380 V   | 18.50 kW | 2935 r/min | 32.60 A | 0.930        | 92.70 %    | 60.00 N-m | 7.40  |
| D    | T4         | 50 Hz | 220 V   | 18.50 kW | 2935 r/min | 56.60 A | 0.930        | 92.70 %    | 60.00 N-m | 7.40  |
| Y    | T4         | 50 Hz | 415 V   | 18.50 kW | 2948 r/min | 30.00 A | 0.920        | 93.20 %    | 60.00 N-m | 8.90  |
| Y    | T4         | 60 Hz | 460 V   | 18.50 kW | 3551 r/min | 26.80 A | 0.930        | 92.90 %    | 49.70 N-m | 9.50  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group               | IIB                                                                                               |
| Gross Weight            | 260 kg                                                                                            |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE3<br>Full Load (100%) 92.7 %<br>Partial Load (75%) 93.7 %<br>Partial Load (50%) 94.0 % |
| IE Class Data (60 Hz)   | IE Class IE3<br>Full Load (100%) 92.9 %<br>Partial Load (75%) 93.1 %<br>Partial Load (50%) 92.4 % |
| IM Class                | IMB3 IM1001                                                                                       |
| IP Class                | IP55                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Invoice Description     | M3KP 160MLC 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      | 250 kg                                                                                            |
| Product Type            | 3KP3__M3KP_IE3_Flameproof_Exde_motor                                                              |
| Quote Only              | No                                                                                                |
| Selling Unit of Measure | piece                                                                                             |
| Standards               | IEC 60034-1                                                                                       |
| Temperature Class       | T4                                                                                                |
| 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 → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

