

PRODUCT-DETAILS

# 3GGP163420-BED

## M3GP 160MLB 6



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP163420-BED |
| ABB Type Designation | M3GP 160MLB 6  |
| Catalog Description  | M3GP 160MLB 6  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3GP 160MLB 6 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6309/C3       |
| Bearing NDE           | 6209/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015230      |
| Direction of Rotation | Both sides    |
| EX-Protection         | Exec          |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power    | Speed     | Current | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|----------|-----------|---------|--------------|------------|------------|-------|
| D    | T3         | 50 Hz | 500 V   | 11.00 kW | 972 r/min | 17.60 A | 0.800        | 90.10 %    | 108.00 N·m | 6.80  |

|              |        |
|--------------|--------|
| Gas Group    | IIC    |
| Gross Weight | 191 kg |
| IC Class     | IC411  |

IE Class Data (50 Hz)

IE Class IE2  
Full Load (100%) 90.1 %  
Partial Load (75%) 91.0 %  
Partial Load (50%) 90.4 %

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| IM Class                  | IMB5 IM3001                                                 |
| IP Class                  | IP55                                                        |
| Insulation Class          | ICLF                                                        |
| Invoice Description       | M3GP 160MLB 6                                               |
| Made To Order             | No                                                          |
| Minimum Order Quantity    | 1 piece                                                     |
| Number of Poles (High)    | 6                                                           |
| Order Multiple            | 1 piece                                                     |
| Package Level 1 Units     | 0 pallet (lift)                                             |
| Product Name              | 3-Phase squirrel cage motor                                 |
| Product Net Weight        | 181 kg                                                      |
| Product Type              | 3GP0__M3GP_CI                                               |
| Quote Only                | No                                                          |
| Selling Unit of Measure   | piece                                                       |
| Temperature Class Default | T3                                                          |
| 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 → Dust Ignition Proof Motors → Dust Ignition Proof IE2 LV motors

