

PRODUCT-DETAILS

# 3GGP161420-AEL

## M3GP 160MLB 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP161420-AEL |
| ABB Type Designation | M3GP 160MLB 2  |
| Catalog Description  | M3GP 160MLB 2  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3GP 160MLB 2 |
| 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   | 15.00 kW | 2947 r/min | 21.30 A | 0.880        | 91.90 %    | 48.49 N-m | 8.20  |

|              |        |
|--------------|--------|
| Gas Group    | IIC    |
| Gross Weight | 162 kg |
| IC Class     | IC411  |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)        | IE Class IE3<br>Full Load (100%) 91.9 %<br>Partial Load (75%) 92.2 %<br>Partial Load (50%) 91.8 % |
| IE Class Data (60 Hz)        | IE Class IE3<br>Full Load (100%) 91.0 %<br>Partial Load (75%) 90.9 %<br>Partial Load (50%) 89.7 % |
| IM Class                     | IMB3 IM1001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Invoice Description          | M3GP 160MLB 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           | 152 kg                                                                                            |
| Product Type                 | 5GP3 M3GP CI                                                                                      |
| Quote Only                   | No                                                                                                |
| Selling Unit of Measure      | piece                                                                                             |
| Standards                    | IEC 60034-1                                                                                       |
| Temperature Class<br>Default | T3                                                                                                |
| Terminator Box Location      | D-End 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 IE3 LV Motors



