

PRODUCT-DETAILS

# 3GGP162420-BSK

## M3GP 160MLB 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP162420-BSK |
| ABB Type Designation | M3GP 160MLB 4  |
| Catalog Description  | M3GP 160MLB 4  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3GP 160MLB 4 |
| 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 |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|-------|
| Y    | T3         | 50 Hz | 400 V   | 15.00 kW | 1474 r/min | 27.80 A | 0.840        | 92.60 %    | 97.10 N-m | 7.90  |
| D    | T3         | 50 Hz | 230 V   | 15.00 kW | 1474 r/min | 49.10 A | 0.840        | 92.60 %    | 97.10 N-m | 7.90  |
| Y    | T3         | 50 Hz | 380 V   | 15.00 kW | 1471 r/min | 29.00 A | 0.850        | 92.20 %    | 97.10 N-m | 7.10  |
| D    | T3         | 50 Hz | 220 V   | 15.00 kW | 1471 r/min | 51.00 A | 0.850        | 92.20 %    | 97.10 N-m | 7.10  |
| Y    | T3         | 50 Hz | 415 V   | 15.00 kW | 1477 r/min | 27.00 A | 0.830        | 92.70 %    | 97.10 N-m | 8.40  |
| Y    | T3         | 60 Hz | 460 V   | 15.00 kW | 1778 r/min | 24.30 A | 0.830        | 93.10 %    | 80.50 N-m | 8.90  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group               | IIC                                                                                               |
| Gross Weight            | 197 kg                                                                                            |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE3<br>Full Load (100%) 92.2 %<br>Partial Load (75%) 93.3 %<br>Partial Load (50%) 93.4 % |
| IE Class Data (60 Hz)   | IE Class IE3<br>Full Load (100%) 93.1 %<br>Partial Load (75%) 93.4 %<br>Partial Load (50%) 92.6 % |
| IM Class                | IMB5 IM3001                                                                                       |
| IP Class                | IP55                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Invoice Description     | M3GP 160MLB 4                                                                                     |
| Made To Order           | No                                                                                                |
| Minimum Order Quantity  | 1 piece                                                                                           |
| Number of Poles (High)  | 4                                                                                                 |
| Order Multiple          | 1 piece                                                                                           |
| Package Level 1 Units   | 0 pallet (lift)                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 187 kg                                                                                            |
| Product Type            | 3GP3_M3GP_IE3_CI                                                                                  |
| Quote Only              | No                                                                                                |
| Selling Unit of Measure | piece                                                                                             |
| Standards               | IEC 60034-1                                                                                       |
| Temperature Class       | T3                                                                                                |
| Default                 |                                                                                                   |
| Terminator Box Location | D-End 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 → Dust Ignition Proof Motors → Dust Ignition Proof IE3 LV Motors

