

PRODUCT-DETAILS

# 3GGP071321-BSB

## M3GP 71MA 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP071321-BSB |
| ABB Type Designation | M3GP 71MA 2    |
| Catalog Description  | M3GP 71MA 2    |

### Additional Information

|                       |                             |
|-----------------------|-----------------------------|
| ABB Type Designation  | M3GP 71MA 2                 |
| Altitude              | 1000 m                      |
| Ambient Temperature   | 40 °C                       |
| Bearing               | 6203-2Z/C3                  |
| Bearing NDE           | 6202-2Z/C3                  |
| Country of Origin     | Finland (FI)<br>Poland (PL) |
| Customs Tariff Number | 85015100                    |
| 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   | 0.37 kW | 2785 r/min | 0.91 A  | 0.790        | 69.50 %    | 1.26 N·m | 4.60  |
| D    | T3         | 50 Hz | 230 V   | 0.37 kW | 2785 r/min | 1.57 A  | 0.790        | 69.50 %    | 1.26 N·m | 4.60  |
| Y    | T3         | 60 Hz | 460 V   | 0.37 kW | 3425 r/min | 0.80 A  | 0.750        | 72.00 %    | 1.03 N·m | 5.80  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group                 | IIC                                                                                               |
| Gross Weight              | 14 kg                                                                                             |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 69.5 %<br>Partial Load (75%) 70.8 %<br>Partial Load (50%) 67.8 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 72.0 %<br>Partial Load (75%) 71.4 %<br>Partial Load (50%) 66.6 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3GP 71MA 2                                                                                       |
| Lubrication               | For life                                                                                          |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 2                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 carton                                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 11 kg                                                                                             |
| Product Type              | 3GP0__M3GP_CI                                                                                     |
| Quote Only                | No                                                                                                |
| Selling Unit of Measure   | piece                                                                                             |
| Standards                 | IEC 60034-1                                                                                       |
| Starting of Motor         | Direct Online                                                                                     |
| Stocked At (Warehouses)   | Menden, Germany                                                                                   |
| Temperature Class Default | T3                                                                                                |
| Terminator Box Location   | Top                                                                                               |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | S                                                                                                 |
| WEEE Category             | 5. Small Equipment (No 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

