

PRODUCT-DETAILS

# 3GGP072322-CSB

## M3GP 71MB 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP072322-CSB |
| ABB Type Designation | M3GP 71MB 4    |
| Catalog Description  | M3GP 71MB 4    |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3GP 71MB 4  |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6203-2Z/C3   |
| Bearing NDE           | 6202-2Z/C3   |
| Country of Origin     | Finland (FI) |
| 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 | 1411 r/min | 0.96 A  | 0.740        | 72.70 %    | 2.50 N·m | 5.20  |
| D    | T3         | 50 Hz | 230 V   | 0.37 kW | 1411 r/min | 1.65 A  | 0.740        | 72.70 %    | 2.50 N·m | 5.20  |
| Y    | T3         | 60 Hz | 460 V   | 0.37 kW | 1725 r/min | 0.86 A  | 0.700        | 72.00 %    | 2.04 N·m | 6.10  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group               | IIC                                                                                               |
| Gross Weight            | 15 kg                                                                                             |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE2<br>Full Load (100%) 72.7 %<br>Partial Load (75%) 73.3 %<br>Partial Load (50%) 69.9 % |
| IE Class Data (60 Hz)   | IE Class IE2<br>Full Load (100%) 72.0 %<br>Partial Load (75%) 71.2 %<br>Partial Load (50%) 66.2 % |
| IM Class                | IMB14 IM3601                                                                                      |
| IP Class                | IP55                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Invoice Description     | M3GP 71MB 4                                                                                       |
| Lubrication             | For life                                                                                          |
| Made To Order           | No                                                                                                |
| Minimum Order Quantity  | 1 piece                                                                                           |
| Number of Poles (High)  | 4                                                                                                 |
| Order Multiple          | 1 piece                                                                                           |
| Package Level 1 Units   | 0 carton                                                                                          |
| Pre Modified Motor      | 3GGP072322-BSB                                                                                    |
| Product ID              |                                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 12 kg                                                                                             |
| Product Type            | 3GP0__M3GP_CI                                                                                     |
| Quote Only              | No                                                                                                |
| Selling Unit of Measure | piece                                                                                             |
| Standards               | IEC 60034-1                                                                                       |
| Starting of Motor       | Direct Online                                                                                     |
| Temperature Class       | T3                                                                                                |
| Default                 |                                                                                                   |
| 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



