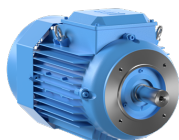


PRODUCT-DETAILS

# 3GGP111322-BSB

## M3GP 112MB 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP111322-BSB |
| ABB Type Designation | M3GP 112MB 2   |
| Catalog Description  | M3GP 112MB 2   |

### Additional Information

|                       |                             |
|-----------------------|-----------------------------|
| ABB Type Designation  | M3GP 112MB 2                |
| Altitude              | 1000 m                      |
| Ambient Temperature   | 40 °C                       |
| Bearing               | 6206-2Z/C3                  |
| Bearing NDE           | 6205-2Z/C3                  |
| Country of Origin     | Finland (FI)<br>Poland (PL) |
| Customs Tariff Number | 85015220                    |
| Direction of Rotation | Both sides                  |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y    | T3         | 50 Hz | 400 V   | 4.00 kW | 2895 r/min | 7.52 A  | 0.890        | 86.10 %    | 13.08 N·m | 8.70  |
| D    | T3         | 50 Hz | 230 V   | 4.00 kW | 2895 r/min | 13.00 A | 0.890        | 86.10 %    | 13.10 N·m | 8.70  |
| Y    | T3         | 60 Hz | 460 V   | 4.00 kW | 3510 r/min | 6.61 A  | 0.890        | 85.00 %    | 10.83 N·m | 10.20 |

|                |           |
|----------------|-----------|
| EX-Protection  | Exec      |
| Frame Material | Cast Iron |
| Frame Size     | 112       |
| Gas Group      | IIC       |

|                              |   |
|------------------------------|---|
| Gross Weight                 | 42 kg   |
| IC Class                     | IC411   |
| IE Class Data (50 Hz)        | IE Class IE2<br>Full Load (100%) 86.1 %<br>Partial Load (75%) 87.0 %<br>Partial Load (50%) 86.6 % |
| IE Class Data (60 Hz)        | IE Class IE1<br>Full Load (100%) 85.0 %<br>Partial Load (75%) 84.4 %<br>Partial Load (50%) 82.1 % |
| IM Class                     | IMB5 IM3001   |
| Insulation Class             | ICLF  |
| Invoice Description          | M3GP 112MB 2  |
| IP Class                     | IP55  |
| 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           | 37 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<br>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

