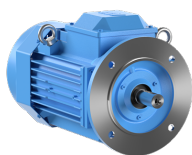


PRODUCT-DETAILS

# 3GGP091010-BDL

## M3GP 90SLA 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP091010-BDL |
| ABB Type Designation | M3GP 90SLA 2   |
| Catalog Description  | M3GP 90SLA 2   |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3GP 90SLA 2 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6205-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Finland (FI) |
| Customs Tariff Number | 85015220     |
| 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 | 690 V   | 1.50 kW | 2901 r/min | 1.67 A  | 0.890        | 84.20 %    | 4.93 N·m | 7.70  |
| D    | T3         | 50 Hz | 400 V   | 1.50 kW | 2901 r/min | 2.90 A  | 0.890        | 84.20 %    | 4.93 N·m | 7.70  |
| D    | T3         | 50 Hz | 415 V   | 1.50 kW | 2909 r/min | 2.80 A  | 0.880        | 84.20 %    | 4.93 N·m | 8.20  |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group                    | IIC                                                                                               |
| Gross Weight                 | 30 kg                                                                                             |
| IC Class                     | IC411                                                                                             |
| IE Class Data (50 Hz)        | IE Class IE3<br>Full Load (100%) 84.2 %<br>Partial Load (75%) 84.5 %<br>Partial Load (50%) 83.1 % |
| IE Class Data (60 Hz)        | IE Class IE2<br>Full Load (100%) 84.0 %<br>Partial Load (75%) 83.5 %<br>Partial Load (50%) 81.1 % |
| IM Class                     | IMB5 IM3001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Invoice Description          | M3GP 90SLA 2                                                                                      |
| 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           | 27 kg                                                                                             |
| Product Type                 | 5GP3 M3GP CI                                                                                      |
| Quote Only                   | No                                                                                                |
| Selling Unit of Measure      | piece                                                                                             |
| Temperature Class<br>Default | T3                                                                                                |
| Terminator Box Location      | D-End top                                                                                         |
| Two Speed Motor              | No                                                                                                |
| Type of Duty                 | S1                                                                                                |
| UNSPSC                       | 26101100                                                                                          |
| Voltage Code                 | D                                                                                                 |
| 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 IE3 LV Motors

