

PRODUCT-DETAILS

# 3GGP202430-ASG

## HIGH OUTPUT



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP202430-ASG |
| ABB Type Designation | M3GP 200MLC 4  |
| Catalog Description  | HIGH OUTPUT    |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3GP 200MLC 4 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6312/C3       |
| Bearing NDE           | 6310/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   | 37.00 kW | 1475 r/min | 70.50 A  | 0.820        | 93.00 %    | 239.00 N·m | 7.50  |
| D    | T3         | 50 Hz | 230 V   | 37.00 kW | 1475 r/min | 119.00 A | 0.820        | 92.80 %    | 239.00 N·m | 7.50  |
| Y    | T3         | 50 Hz | 415 V   | 37.00 kW | 1477 r/min | 69.30 A  | 0.810        | 92.60 %    | 239.00 N·m | 8.20  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group               | IIC                                                                                               |
| Gross Weight            | 315 kg                                                                                            |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE1<br>Full Load (100%) 92.6 %<br>Partial Load (75%) 92.8 %<br>Partial Load (50%) 92.0 % |
| IM Class                | IMB3 IM1001                                                                                       |
| IP Class                | IP55                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Invoice Description     | HIGH OUTPUT                                                                                       |
| Made To Order           | No                                                                                                |
| Minimum Order Quantity  | 1 piece                                                                                           |
| Number of Poles (High)  | 4                                                                                                 |
| Output Power            | 37 kW                                                                                             |
| Package Level 1 Units   | 1 pallet (lift)                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 305 kg                                                                                            |
| Product Type            | 3GP2__M3GP_IE2_CI                                                                                 |
| Quote Only              | No                                                                                                |
| Selling Unit of Measure | piece                                                                                             |
| Temperature Class       | T3                                                                                                |
| Default                 |                                                                                                   |
| Terminator Box Location | 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 IE2 LV motors

Motors and Generators → Motors and Generators for Explosive Atmospheres → Increased Safety Ex ec Zone 2 Motors → Increased Safety IE2 Ex ec Motors



