

PRODUCT-DETAILS

# 3GGP311230-ADK

## M3GP 315SMC 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP311230-ADK |
| ABB Type Designation | M3GP 315SMC 2  |
| Catalog Description  | M3GP 315SMC 2  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3GP 315SMC 2 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6316/C3       |
| Bearing NDE           | 6316/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015381      |
| 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   | 132.00 kW | 2986 r/min | 131.00 A | 0.880        | 95.40 %    | 422.00 N·m | 7.90  |
| D    | T3         | 50 Hz | 400 V   | 132.00 kW | 2986 r/min | 226.00 A | 0.880        | 95.40 %    | 422.00 N·m | 7.90  |
| Y    | T3         | 50 Hz | 660 V   | 132.00 kW | 2983 r/min | 136.00 A | 0.880        | 95.40 %    | 422.00 N·m | 7.30  |
| D    | T3         | 50 Hz | 380 V   | 132.00 kW | 2983 r/min | 235.00 A | 0.890        | 96.10 %    | 422.00 N·m | 7.30  |
| D    | T3         | 50 Hz | 415 V   | 132.00 kW | 2985 r/min | 220.00 A | 0.870        | 95.40 %    | 422.00 N·m | 8.50  |
| D    | T3         | 60 Hz | 460 V   | 132.00 kW | 3586 r/min | 197.00 A | 0.880        | 95.40 %    | 351.00 N·m | 8.90  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group                 | IIC                                                                                               |
| Gross Weight              | 1045 kg                                                                                           |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 95.4 %<br>Partial Load (75%) 95.4 %<br>Partial Load (50%) 94.5 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 95.4 %<br>Partial Load (75%) 94.9 %<br>Partial Load (50%) 93.7 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3GP 315SMC 2                                                                                     |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 2                                                                                                 |
| Package Level 1 Units     | 1 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 1025 kg                                                                                           |
| Product Type              | 3GP3__M3GP_IE3_CI                                                                                 |
| Quote Only                | No                                                                                                |
| Selling Unit of Measure   | piece                                                                                             |
| Temperature Class Default | T3                                                                                                |
| Terminator Box Location   | Top                                                                                               |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | D                                                                                                 |
| 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 IE3 LV Motors

