

PRODUCT-DETAILS

# 3GGP314210-AEK

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GGP314210-AEK           |
| ABB Type Designation | M3GP 315SMA 8            |
| Catalog Description  | No Description Available |

## Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3GP 315SMA 8 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6319/C3       |
| Bearing NDE           | 6316/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015290      |
| Direction of Rotation | Both sides    |
| EX-Protection         | Exec          |

### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power    | Speed     | Current | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|----------|-----------|---------|--------------|------------|------------|-------|
| D    | T3         | 50 Hz | 500 V   | 55.00 kW | 742 r/min | 85.00 A | 0.800        | 92.50 %    | 707.00 N·m | 7.10  |
| D    | T3         | 60 Hz | 575 V   | 55.00 kW | 893 r/min | 74.20 A | 0.800        | 93.60 %    | 589.00 N·m | 8.60  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight            | 850 kg                                                                                            |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE3<br>Full Load (100%) 92.5 %<br>Partial Load (75%) 93.0 %<br>Partial Load (50%) 92.5 % |
| IE Class Data (60 Hz)   | IE Class IE3<br>Full Load (100%) 93.6 %<br>Partial Load (75%) 93.3 %<br>Partial Load (50%) 92.0 % |
| IM Class                | IMB3 IM1001                                                                                       |
| IP Class                | IP55                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Made To Order           | No                                                                                                |
| Minimum Order Quantity  | 1 piece                                                                                           |
| Number of Poles (High)  | 8                                                                                                 |
| Order Multiple          | 1 piece                                                                                           |
| Package Level 1 Units   | 0 pallet (lift)                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 830 kg                                                                                            |
| Product Type            | 3GP3_M3GP_IE3_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            | E                                                                                                 |
| 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



