

PRODUCT-DETAILS

# 3GGP224220-ASK

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GGP224220-ASK           |
| ABB Type Designation | M3GP 225SMB 8            |
| Catalog Description  | No Description Available |

## Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3GP 225SMB 8 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6313/C3       |
| Bearing NDE           | 6212/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   | 22.00 kW | 736 r/min | 47.50 A | 0.730        | 90.60 %    | 285.00 N·m | 5.30  |
| D    | T3         | 50 Hz | 230 V   | 22.00 kW | 736 r/min | 82.30 A | 0.730        | 90.60 %    | 285.00 N·m | 5.30  |
| Y    | T3         | 50 Hz | 380 V   | 22.00 kW | 734 r/min | 49.00 A | 0.750        | 90.60 %    | 286.00 N·m | 4.80  |
| D    | T3         | 50 Hz | 220 V   | 22.00 kW | 734 r/min | 84.90 A | 0.750        | 90.60 %    | 286.00 N·m | 4.80  |
| Y    | T3         | 50 Hz | 415 V   | 22.00 kW | 737 r/min | 46.80 A | 0.710        | 90.60 %    | 285.00 N·m | 5.70  |
| Y    | T3         | 60 Hz | 460 V   | 22.00 kW | 889 r/min | 41.70 A | 0.710        | 91.70 %    | 236.00 N·m | 6.00  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group               | IIC                                                                                               |
| Gross Weight            | 373 kg                                                                                            |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE3<br>Full Load (100%) 90.6 %<br>Partial Load (75%) 91.4 %<br>Partial Load (50%) 90.9 % |
| IE Class Data (60 Hz)   | IE Class IE3<br>Full Load (100%) 91.7 %<br>Partial Load (75%) 92.2 %<br>Partial Load (50%) 91.6 % |
| 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      | 363 kg                                                                                            |
| Product Type            | 3GP3__M3GP_IE3_CI                                                                                 |
| Quote Only              | No                                                                                                |
| Selling Unit of Measure | piece                                                                                             |
| Temperature Class       | T3                                                                                                |
| Default                 |                                                                                                   |
| Terminator Box Location | D-End 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 IE3 LV Motors

