

PRODUCT-DETAILS

# 3GJP282230-ASG

## HIGH OUTPUT



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJP282230-ASG |
| ABB Type Designation | M3JP 280SMC 4  |
| Catalog Description  | HIGH OUTPUT    |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3JP 280SMC 4 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6316/C3       |
| Bearing NDE           | 6316/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015381      |
| EX-Protection         | Exdb          |
| Electrical Data       |               |

| Conn | Temp Class | Freq  | Voltage | Power     | Speed      | Current  | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|-----------|------------|----------|--------------|------------|------------|-------|
| Y    | T4         | 50 Hz | 400 V   | 110.00 kW | 1486 r/min | 193.00 A | 0.860        | 95.10 %    | 707.00 N·m | 7.60  |
| D    | T4         | 50 Hz | 230 V   | 110.00 kW | 1486 r/min | 336.00 A | 0.860        | 95.10 %    | 707.00 N·m | 7.60  |
| Y    | T4         | 50 Hz | 415 V   | 110.00 kW | 1487 r/min | 188.00 A | 0.850        | 95.10 %    | 707.00 N·m | 8.10  |
| Y    | T4         | 60 Hz | 460 V   | 110.00 kW | 1786 r/min | 169.00 A | 0.860        | 95.20 %    | 587.00 N·m | 8.70  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group               | IIB                                                                                               |
| Gross Weight            | 745 kg                                                                                            |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE2<br>Full Load (100%) 95.1 %<br>Partial Load (75%) 95.2 %<br>Partial Load (50%) 94.5 % |
| IE Class Data (60 Hz)   | IE Class IE2<br>Full Load (100%) 95.2 %<br>Partial Load (75%) 95.2 %<br>Partial Load (50%) 94.3 % |
| 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                                                                                                 |
| Package Level 1 Units   | 1 pallet (lift)                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 725 kg                                                                                            |
| Product Type            | 3JP2__M3JP_IE2_Flameproof_Exd_motor                                                               |
| Quote Only              | No                                                                                                |
| SCIP                    | 297e96db-dbee-43c1-ad2d-ddd583080bb8 Finland (FI)                                                 |
| Selling Unit of Measure | piece                                                                                             |
| Service Factor          | 1.00                                                                                              |
| Temperature Class       | T4                                                                                                |
| 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 → Flameproof Motors → Flameproof IE2 High Efficiency LV Motors

