

PRODUCT-DETAILS

# 3GJP282220-ADK

## M3JP 280SMB 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJP282220-ADK |
| ABB Type Designation | M3JP 280SMB 4  |
| Catalog Description  | M3JP 280SMB 4  |

### Additional Information

|                       |                            |
|-----------------------|----------------------------|
| ABB Type Designation  | M3JP 280SMB 4              |
| Altitude              | 1000 m                     |
| Ambient Temperature   | 40 °C                      |
| Bearing               | 6316/C3                    |
| Bearing NDE           | 6316/C3                    |
| Country of Origin     | Finland (FI)<br>China (CN) |
| Customs Tariff Number | 85015230                   |
| Direction of Rotation | Both sides                 |
| EX-Protection         | Exd                        |
| Electrical Data       |                            |

| Conn | Temp Class | Freq  | Voltage | Power    | Speed      | Current  | Power Factor | Efficiency | Torque     | IS/IN |
|------|------------|-------|---------|----------|------------|----------|--------------|------------|------------|-------|
| Y    | T4         | 50 Hz | 690 V   | 75.00 kW | 1486 r/min | 77.90 A  | 0.850        | 95.90 %    | 482.00 N·m | 7.40  |
| D    | T4         | 50 Hz | 400 V   | 75.00 kW | 1486 r/min | 134.00 A | 0.850        | 95.90 %    | 482.00 N·m | 7.40  |
| Y    | T4         | 50 Hz | 660 V   | 75.00 kW | 1484 r/min | 79.70 A  | 0.860        | 95.70 %    | 482.00 N·m | 6.70  |
| D    | T4         | 50 Hz | 380 V   | 75.00 kW | 1484 r/min | 138.00 A | 0.860        | 95.70 %    | 482.00 N·m | 6.70  |
| D    | T4         | 50 Hz | 415 V   | 75.00 kW | 1487 r/min | 131.00 A | 0.830        | 95.90 %    | 481.00 N·m | 8.60  |
| D    | T4         | 60 Hz | 460 V   | 75.00 kW | 1788 r/min | 117.00 A | 0.840        | 95.90 %    | 401.00 N·m | 8.40  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group               | IIB                                                                                               |
| Gross Weight            | 786 kg                                                                                            |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE3<br>Full Load (100%) 95.7 %<br>Partial Load (75%) 96.0 %<br>Partial Load (50%) 95.7 % |
| IE Class Data (60 Hz)   | IE Class IE3<br>Full Load (100%) 95.9 %<br>Partial Load (75%) 95.7 %<br>Partial Load (50%) 94.7 % |
| IM Class                | IMB3 IM1001                                                                                       |
| IP Class                | IP55                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Invoice Description     | M3JP 280SMB 4                                                                                     |
| Made To Order           | No                                                                                                |
| Minimum Order Quantity  | 1 piece                                                                                           |
| Number of Poles (High)  | 4                                                                                                 |
| Order Multiple          | 1 piece                                                                                           |
| Package Level 1 Units   | 0 pallet (lift)                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 766 kg                                                                                            |
| Product Type            | 3JP3__M3JP_IE3_Flameproof_Exd_motor                                                               |
| Quote Only              | No                                                                                                |
| SCIP                    | 297e96db-dbee-43c1-ad2d-ddd583080bb8 Finland (FI)                                                 |
| Selling Unit of Measure | piece                                                                                             |
| Temperature Class       | T4                                                                                                |
| Default                 |                                                                                                   |
| Terminator Box Location | D-End 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 → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

