

PRODUCT-DETAILS

# 3GJP282220-ADL

## M3JP 280SMB 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJP282220-ADL |
| 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)  |
| 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 | 1485 r/min | 77.70 A  | 0.860        | 95.00 %    | 483.00 N·m | 6.40  |
| D    | T4         | 50 Hz | 400 V   | 75.00 kW | 1485 r/min | 133.00 A | 0.860        | 95.00 %    | 483.00 N·m | 6.40  |
| D    | T4         | 50 Hz | 415 V   | 75.00 kW | 1486 r/min | 129.00 A | 0.850        | 95.00 %    | 483.00 N·m | 6.90  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gas Group                 | IIB                                                                                               |
| Gross Weight              | 769 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 95.0 %<br>Partial Load (75%) 95.0 %<br>Partial Load (50%) 94.2 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 94.5 %<br>Partial Load (75%) 94.2 %<br>Partial Load (50%) 93.0 % |
| 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        | 749 kg                                                                                            |
| Product Type              | 5JP3__M3JP_IE3_Flameproof_Exd_motor                                                               |
| Quote Only                | No                                                                                                |
| SCIP                      | 297e96db-dbee-43c1-ad2d-ddd583080bb8 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Temperature Class Default | T4                                                                                                |
| 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



