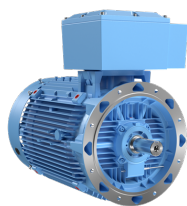

PRODUCT-DETAILS**3GJP281230-BDL****M3JP 280SMC 2**

General Information

| | |
|----------------------|----------------|
| Product ID | 3GJP281230-BDL |
| ABB Type Designation | M3JP 280SMC 2 |
| Catalog Description | M3JP 280SMC 2 |

Additional Information

| | |
|-----------------------|---------------|
| ABB Type Designation | M3JP 280SMC 2 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6316/C3 |
| Bearing NDE | 6316/C3 |
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85015381 |
| 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 | 90.00 kW | 2975 r/min | 90.00 A | 0.880 | 95.00 % | 289.00 N·m | 6.40 |
| D | T4 | 50 Hz | 400 V | 90.00 kW | 2975 r/min | 158.00 A | 0.880 | 95.00 % | 289.00 N·m | 6.40 |
| D | T4 | 50 Hz | 415 V | 90.00 kW | 2977 r/min | 151.00 A | 0.870 | 95.00 % | 288.00 N·m | 6.90 |
| D | T4 | 60 Hz | 440 V | 90.00 kW | 3576 r/min | 143.00 A | 0.870 | 95.00 % | 240.40 N·m | 7.00 |
| D | T4 | 60 Hz | 460 V | 90.00 kW | 3578 r/min | 139.00 A | 0.860 | 95.00 % | 240.20 N·m | 7.60 |

| | |
|---------------------------|---|
| Gas Group | IIB |
| Gross Weight | 815 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.9 % Partial Load (50%) 94.0 % |
| IE Class Data (60 Hz) | IE Class IE3 Full Load (100%) 95.0 % Partial Load (75%) 94.6 % Partial Load (50%) 93.2 % |
| IM Class | IMB5 IM3001 |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Invoice Description | M3JP 280SMC 2 |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 2 |
| Order Multiple | 1 piece |
| Package Level 1 Units | 0 pallet (lift) |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 795 kg |
| Product Type | 5JP3_M3JP_IE3_Flameproof_Ext_motor |
| Quote Only | No |
| Selling Unit of Measure | piece |
| Temperature Class Default | T4 |
| Terminator Box Location | D-End top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| 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

