

PRODUCT-DETAILS

## 3GJP131270-ASK

Flameproof IE3 Premium Efficiency LV Motors, 7,5 kW, 400 V (3GJP131270-ASK)



### General Information

|                      |   |
|----------------------|---|
| Product ID           | 3GJP131270-ASK  |
| ABB Type Designation | M3JP 132SMG 2   |
| Catalog Description  | Flameproof IE3 Premium Efficiency LV Motors, 7,5 kW, 400 V (3GJP131270-ASK) |

### Additional Information

|                          |               |
|--------------------------|---------------|
| ABB Type Designation     | M3JP 132SMG 2 |
| Altitude                 | 1000 m        |
| Ambient Temperature      | 40 °C         |
| Bearing                  | 6208-2Z/C3    |
| Bearing NDE              | 6208-2Z/C3    |
| Connection Configuration | Y             |
| Country of Origin        | Finland (FI)  |
| Customs Tariff Number    | 85015220      |
| Direction of Rotation    | Both sides    |
| Electrical Data          |               |

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y    | T4         | 50 Hz | 400 V   | 7.50 kW | 2907 r/min | 13.20 A | 0.900        | 91.30 %    | 24.70 N-m | 8.10  |
| D    | T4         | 50 Hz | 230 V   | 7.50 kW | 2907 r/min | 22.90 A | 0.900        | 91.30 %    | 24.70 N-m | 8.10  |
| Y    | T4         | 50 Hz | 380 V   | 7.50 kW | 2894 r/min | 14.00 A | 0.900        | 90.50 %    | 24.70 N-m | 7.20  |
| D    | T4         | 50 Hz | 220 V   | 7.50 kW | 2894 r/min | 24.10 A | 0.900        | 90.50 %    | 24.70 N-m | 7.20  |
| Y    | T4         | 50 Hz | 415 V   | 7.50 kW | 2914 r/min | 12.60 A | 0.900        | 91.60 %    | 24.70 N-m | 8.70  |
| Y    | T4         | 60 Hz | 460 V   | 7.50 kW | 3518 r/min | 11.50 A | 0.900        | 91.60 %    | 20.40 N-m | 9.30  |

|                                  |   |
|----------------------------------|---|
| EX-Protection                    | Exdb  |
| Frame Material                   | Cast Iron   |
| Frame Size                       | 132   |
| Frequency (f)                    | 50 Hz   |
| Gas Group                        | IIB   |
| Gross Weight                     | 129 kg  |
| IC Class                         | IC411   |
| IE Class Data (50 Hz)            | IE Class IE3<br>Full Load (100%) 90.5 %<br>Partial Load (75%) 91.6 %<br>Partial Load (50%) 91.9 %           |
| IE Class Data (60 Hz)            | IE Class IE3<br>Full Load (100%) 91.6 %<br>Partial Load (75%) 91.6 %<br>Partial Load (50%) 90.6 %           |
| IM Class                         | IMB3 IM1001   |
| Input Voltage (U <sub>in</sub> ) | 400 V   |
| Insulation Class                 | ICLF  |
| Invoice Description              | M3JP 132SMG 2   |
| IP Class                         | IP55  |
| Made To Order                    | No  |
| Medium Description               | 7.5kW, 2 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GJP131270-ASK) |
| Minimum Order Quantity           | 1 piece   |
| Number of Poles (High)           | 2   |
| Order Multiple                   | 1 piece   |
| Output Power                     | 7,5 kW  |
| Package Level 1 Units            | 0 carton  |
| Product Name                     | 3-Phase squirrel cage motor   |
| Product Net Depth / Length       | 576 mm  |
| Product Net Height               | 392 mm  |
| Product Net Weight               | 124 kg  |
| Product Net Width                | 250 mm  |
| Product Type                     | 3JP3__M3JP_IE3_Flameproof_Exd_motor   |
| Quote Only                       | No  |
| Replaced Product ID (OLD)        | 3GJP131240-ASL  |
| SCIP                             | 297e96db-dbee-43c1-ad2d-ddd583080bb8 Finland (FI)   |
| Selling Unit of Measure          | piece   |
| Short Description                | 7.5kW, 2P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001   |
| Temperature Class Default        | T4  |
| Terminator Box Location          | D-End top   |
| Two Speed Motor                  | No  |
| Type of Duty                     | S1  |

|               |  |
|---------------|--|
| UNSPSC        | 26101100   |
| Voltage Code  | S  |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

---

## Categories

---

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

