

PRODUCT-DETAILS

# 3GJP182410-ADK

## M3JP 180MLA 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJP182410-ADK |
| ABB Type Designation | M3JP 180MLA 4  |
| Catalog Description  | M3JP 180MLA 4  |

### Additional Information

|                       |                            |
|-----------------------|----------------------------|
| ABB Type Designation  | M3JP 180MLA 4              |
| Altitude              | 1000 m                     |
| Ambient Temperature   | 40 °C                      |
| Bearing               | 6310/C3                    |
| Bearing NDE           | 6310/C3                    |
| Country of Origin     | Finland (FI)<br>China (CN) |
| Customs Tariff Number | 85015230                   |
| EX-Protection         | Exdb                       |
| Electrical Data       |                            |

| Conn                      | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor | Efficiency | Torque     | IS/IN                                                                                             |
|---------------------------|------------|-------|---------|----------|------------|---------|--------------|------------|------------|---------------------------------------------------------------------------------------------------|
| Y                         | T4         | 50 Hz | 690 V   | 18.50 kW | 1481 r/min | 20.20 A | 0.820        | 93.30 %    | 119.00 N·m | 7.60                                                                                              |
| D                         | T4         | 50 Hz | 400 V   | 18.50 kW | 1481 r/min | 34.90 A | 0.820        | 93.30 %    | 119.00 N·m | 7.60                                                                                              |
| Y                         | T4         | 50 Hz | 660 V   | 18.50 kW | 1478 r/min | 21.10 A | 0.830        | 92.80 %    | 119.00 N·m | 6.90                                                                                              |
| D                         | T4         | 50 Hz | 380 V   | 18.50 kW | 1478 r/min | 36.40 A | 0.830        | 92.80 %    | 119.00 N·m | 6.90                                                                                              |
| D                         | T4         | 50 Hz | 415 V   | 18.50 kW | 1482 r/min | 34.00 A | 0.810        | 93.30 %    | 119.00 N·m | 8.20                                                                                              |
| D                         | T4         | 60 Hz | 460 V   | 18.50 kW | 1782 r/min | 30.60 A | 0.810        | 93.60 %    | 99.10 N·m  | 8.50                                                                                              |
| Gas Group                 |            |       |         |          |            |         |              |            |            | IIB                                                                                               |
| Gross Weight              |            |       |         |          |            |         |              |            |            | 310 kg                                                                                            |
| IC Class                  |            |       |         |          |            |         |              |            |            | IC411                                                                                             |
| IE Class Data (50 Hz)     |            |       |         |          |            |         |              |            |            | IE Class IE3<br>Full Load (100%) 92.8 %<br>Partial Load (75%) 93.9 %<br>Partial Load (50%) 93.9 % |
| IE Class Data (60 Hz)     |            |       |         |          |            |         |              |            |            | IE Class IE3<br>Full Load (100%) 93.6 %<br>Partial Load (75%) 93.9 %<br>Partial Load (50%) 93.2 % |
| IM Class                  |            |       |         |          |            |         |              |            |            | IMB3 IM1001                                                                                       |
| IP Class                  |            |       |         |          |            |         |              |            |            | IP55                                                                                              |
| Insulation Class          |            |       |         |          |            |         |              |            |            | ICLF                                                                                              |
| Invoice Description       |            |       |         |          |            |         |              |            |            | M3JP 180MLA 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        |            |       |         |          |            |         |              |            |            | 300 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                                                                                             |
| Standards                 |            |       |         |          |            |         |              |            |            | IEC 60034-1                                                                                       |
| Stocked At (Warehouses)   |            |       |         |          |            |         |              |            |            | Shanghai, China                                                                                   |
| Temperature Class Default |            |       |         |          |            |         |              |            |            | T4                                                                                                |
| Terminator Box Location   |            |       |         |          |            |         |              |            |            | 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

