

PRODUCT-DETAILS

# 3GJP182410-BFL

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GJP182410-BFL           |
| ABB Type Designation | M3JP 180MLA 4            |
| Catalog Description  | No Description Available |

## 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)  |
| 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 | 500 V   | 18.50 kW | 1481 r/min | 27.80 A | 0.830        | 92.60 %    | 119.30 N·m | 7.20  |
| Y    | T4         | 60 Hz | 575 V   | 18.50 kW | 1783 r/min | 24.20 A | 0.820        | 93.60 %    | 99.04 N·m  | 8.40  |

|              |        |
|--------------|--------|
| Gas Group    | IIB    |
| Gross Weight | 301 kg |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                     | IC411                                                                                             |
| IE Class Data (50 Hz)        | IE Class IE3<br>Full Load (100%) 92.6 %<br>Partial Load (75%) 93.2 %<br>Partial Load (50%) 92.9 % |
| IE Class Data (60 Hz)        | IE Class IE3<br>Full Load (100%) 93.6 %<br>Partial Load (75%) 93.7 %<br>Partial Load (50%) 93.1 % |
| IM Class                     | IMB5 IM3001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| 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           | 291 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<br>Default | T4                                                                                                |
| Terminator Box Location      | Top                                                                                               |
| Two Speed Motor              | No                                                                                                |
| UNSPSC                       | 26101100                                                                                          |
| Voltage Code                 | F                                                                                                 |
| 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



