

PRODUCT-DETAILS

# 3GJP183430-ADH

## HIGH OUTPUT



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GJP183430-ADH |
| ABB Type Designation | M3JP 180MLC 6  |
| Catalog Description  | HIGH OUTPUT    |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3JP 180MLC 6 |
| 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 | 690 V   | 18.50 kW | 971 r/min | 23.90 A | 0.740        | 90.10 %    | 181.20 N·m | 7.30  |
| D    | T4         | 50 Hz | 400 V   | 18.50 kW | 971 r/min | 41.10 A | 0.740        | 90.10 %    | 181.20 N·m | 7.30  |
| D    | T4         | 50 Hz | 415 V   | 18.50 kW | 976 r/min | 41.30 A | 0.710        | 89.90 %    | 181.00 N·m | 6.90  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 314 kg                                                                                            |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE1<br>Full Load (100%) 89.9 %<br>Partial Load (75%) 89.6 %<br>Partial Load (50%) 87.8 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | HIGH OUTPUT                                                                                       |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 6                                                                                                 |
| Package Level 1 Units     | 1 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 304 kg                                                                                            |
| Product Type              | 3JP2__M3JP_IE2_Flamproof_Exd_motor                                                                |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GJP183430-ADG                                                                                    |
| SCIP                      | 297e96db-dbee-43c1-ad2d-ddd583080bb8 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Service Factor            | 1.00                                                                                              |
| 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 IE2 High Efficiency LV Motors



