

PRODUCT-DETAILS

# 3GKP092020-AEJ

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GKP092020-AEJ           |
| ABB Type Designation | M3KP 90SLB 4             |
| Catalog Description  | No Description Available |

## Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3KP 90SLB 4 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6205-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Finland (FI) |
| Customs Tariff Number | 85015220     |
| Direction of Rotation | Both sides   |
| EX-Protection         | Exdbeb       |

### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| D    | T4         | 50 Hz | 500 V   | 1.10 kW | 1435 r/min | 1.87 A  | 0.800        | 82.70 %    | 7.30 N·m | 6.30  |
| D    | T4         | 60 Hz | 575 V   | 1.10 kW | 1742 r/min | 1.66 A  | 0.790        | 84.00 %    | 6.00 N·m | 6.30  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 49 kg                                                                                             |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 82.7 %<br>Partial Load (75%) 83.7 %<br>Partial Load (50%) 82.4 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 84.0 %<br>Partial Load (75%) 83.9 %<br>Partial Load (50%) 81.3 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| 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 carton                                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 46 kg                                                                                             |
| Product Type              | 3KPO__M3JP_IE2_Flameproof_Exde_motor                                                              |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GKP092010-AEH                                                                                    |
| Selling Unit of Measure   | piece                                                                                             |
| Temperature Class Default | T4                                                                                                |
| Terminator Box Location   | D-End top                                                                                         |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | E                                                                                                 |
| 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 IE2 High Efficiency LV Motors



