

PRODUCT-DETAILS

# 3GKP093030-ASH

## M3KP 90SLC 6

For sale but "Obsolete", replaced by



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GKP093030-ASH |
| ABB Type Designation | M3KP 90SLC 6   |
| Catalog Description  | M3KP 90SLC 6   |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3KP 90SLC 6 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6205-2Z/C3   |
| Bearing NDE           | 6205-2Z/C3   |
| Country of Origin     | Finland (FI) |
| Customs Tariff Number | 85015220     |
| EX-Protection         | Exde         |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|---------|-----------|---------|--------------|------------|-----------|-------|
| Y    | T4         | 50 Hz | 400 V   | 1.10 kW | 933 r/min | 2.97 A  | 0.700        | 78.50 %    | 11.30 N·m | 5.00  |
| D    | T4         | 50 Hz | 230 V   | 1.10 kW | 933 r/min | 5.15 A  | 0.700        | 78.50 %    | 11.30 N·m | 5.00  |
| Y    | T4         | 50 Hz | 415 V   | 1.10 kW | 939 r/min | 2.96 A  | 0.670        | 78.50 %    | 11.23 N·m | 5.10  |

|              |       |
|--------------|-------|
| Gas Group    | IIB   |
| Gross Weight | 47 kg |
| IC Class     | IC411 |

IE Class Data (50 Hz)

IE Class IE2  
Full Load (100%) 78.5 %  
Partial Load (75%) 77.9 %  
Partial Load (50%) 74.3 %

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| IM Class                     | IMB3 IM1001                                                |
| IP Class                     | IP55                                                       |
| Insulation Class             | ICLF                                                       |
| Invoice Description          | M3KP 90SLC 6                                               |
| Made To Order                | No                                                         |
| Minimum Order Quantity       | 1 piece                                                    |
| Number of Poles (High)       | 6                                                          |
| Package Level 1 Units        | 0 carton                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 44 kg                                                      |
| Product Type                 | 3KP2__M3KP_IE2_Flameproof_Exde_motor                       |
| Quote Only                   | No                                                         |
| Replaced Product ID (OLD)    | 3GKP093030-ASG                                             |
| Replacement Product ID (NEW) | 3GKP093050-ASJ                                             |
| 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                 | 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 IE2 High Efficiency LV Motors



