



PRODUCT-DETAILS

3GJP093050-AEJ

(3GJP093050-AEJ)



General Information

| | |
|----------------------|------------------|
| Product ID | 3GJP093050-AEJ |
| ABB Type Designation | M3JP 90SLE 6 |
| Catalog Description | (3GJP093050-AEJ) |

Ordering

| | |
|---------------------------|-------------------------------------|
| ABB Type Designation | M3JP 90SLE 6 |
| Invoice Description | M3JP 90SLE 6 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | 3JPO__M3JP_IE2_Flameproof_Exd_motor |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85015220 |
| Replaced Product ID (OLD) | 3GJP093030-AEH |

Electrical

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 | 930 r/min | 2.26 A | 0.720 | 78.10 % | 11.30 N·m | 4.00 |
| D | T4 | 60 Hz | 575 V | 1.10 kW | 1140 r/min | 2.13 A | 0.680 | 75.00 % | 11.20 N·m | 4.50 |

| | |
|---------------------------|---|
| Temperature Class Default | T4 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 78.1 % Partial Load (75%) 78.7 % Partial Load (50%) 75.8 % |
| IE Class Data (60 Hz) | IE Class IE1 Full Load (100%) 75.0 % Partial Load (75%) 73.5 % Partial Load (50%) 68.1 % |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Direction of Rotation | Both sides |
| Number of Poles (High) | 6 |
| Two Speed Motor | No |
| Type of Duty | S1 |
| Voltage Code | E |
| EX-Protection | Exdb |
| Gas Group | IIB |

Mechanical

| | |
|-------------------------|-------------|
| Frame Material | Cast Iron |
| Frame Size | 90 |
| Bearing | 6205-2Z/C3 |
| Bearing NDE | 6204-2Z/C3 |
| IM Class | IMB3 IM1001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Weight | 59 kg |
| Gross Weight | 62 kg |

Environmental

| | |
|---------------|--|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| SCIP | 297e96db-dbee-43c1-ad2d-ddd583080bb8 Finland (FI) |

Classifications

UNSPSC

26101100

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE2 High Efficiency LV Motors

