
PRODUCT-DETAILS

3GGP091530-CSK

Dust Ignition Proof IE3 LV Motors, 2.2 kW, 400 V (3GGP091530-CSK)



General Information

| | |
|----------------------|---|
| Product ID | 3GGP091530-CSK |
| ABB Type Designation | M3GP 90LC 2 |
| Catalog Description | Dust Ignition Proof IE3 LV Motors, 2.2 kW, 400 V (3GGP091530-CSK) |

Additional Information

| | |
|--------------------------|--------------|
| ABB Type Designation | M3GP 90LC 2 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6205-2Z/C3 |
| Bearing NDE | 6204-2Z/C3 |
| Connection Configuration | Y |
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85015220 |
| Direction of Rotation | Both sides |
| Electrical Data | |

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y | T3 | 50 Hz | 400 V | 2.20 kW | 2900 r/min | 4.00 A | 0.890 | 87.60 % | 7.27 N-m | 9.10 |
| D | T3 | 50 Hz | 230 V | 2.20 kW | 2900 r/min | 7.00 A | 0.890 | 87.60 % | 7.27 N-m | 9.10 |
| Y | T3 | 50 Hz | 380 V | 2.20 kW | 2883 r/min | 4.20 A | 0.900 | 86.80 % | 7.27 N-m | 6.90 |
| D | T3 | 50 Hz | 220 V | 2.20 kW | 2883 r/min | 7.30 A | 0.900 | 86.80 % | 7.27 N-m | 6.90 |
| Y | T3 | 50 Hz | 415 V | 2.20 kW | 2908 r/min | 3.90 A | 0.890 | 87.90 % | 7.27 N-m | 8.40 |
| Y | T3 | 60 Hz | 460 V | 2.20 kW | 3513 r/min | 3.60 A | 0.890 | 87.10 % | 6.00 N-m | 10.60 |

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|----------------------------------|---|
| EX-Protection | Exec |
| Frame Material | Cast Iron |
| Frame Size | 90 |
| Frequency (f) | 50 Hz |
| Gas Group | IIC |
| Gross Weight | 38 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE3 Full Load (100%) 86.8 % Partial Load (75%) 87.8 % Partial Load (50%) 87.3 % |
| IE Class Data (60 Hz) | IE Class IE3 Full Load (100%) 87.1 % Partial Load (75%) 86.6 % Partial Load (50%) 84.3 % |
| IM Class | IMB14 IM3601 |
| Input Voltage (U _{in}) | 400 V |
| Insulation Class | ICLF |
| Invoice Description | M3GP 90LC 2 |
| IP Class | IP55 |
| Made To Order | No |
| Medium Description | 2.2kW, 2 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB14/IM3601 Mounting (3GGP091530-CSK) |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 2 |
| Order Multiple | 1 piece |
| Output Power | 2.2 kW |
| Package Level 1 Units | 0 carton |
| Pre Modified Motor | 3GGP091530-BSK |
| Product ID | |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Depth / Length | 390 mm |
| Product Net Height | 219 mm |
| Product Net Weight | 35 kg |
| Product Net Width | 177 mm |
| Product Type | 3GP3__M3GP_IE3_CI |
| Quote Only | No |
| Selling Unit of Measure | piece |
| Short Description | 2.2kW, 2P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB14/IM3601 |
| Temperature Class Default | T3 |
| Terminator Box Location | D-End 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 → Dust Ignition Proof Motors → Dust Ignition Proof IE3 LV Motors

