

PRODUCT-DETAILS

3GGP103420-ASL

Dust Ignition Proof IE3 LV Motors, 1.5 kW, 400 V (3GGP103420-ASL)



General Information

| | |
|----------------------|---|
| Product ID | 3GGP103420-ASL |
| ABB Type Designation | M3GP 100MLB 6 |
| Catalog Description | Dust Ignition Proof IE3 LV Motors, 1.5 kW, 400 V (3GGP103420-ASL) |

Additional Information

| | |
|--------------------------|---------------|
| ABB Type Designation | M3GP 100MLB 6 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6206-2Z/C3 |
| Bearing NDE | 6205-2Z/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 | 1.50 kW | 960 r/min | 3.80 A | 0.680 | 82.50 % | 14.90 N·m | 5.40 |
| D | T3 | 50 Hz | 230 V | 1.50 kW | 960 r/min | 6.58 A | 0.680 | 82.50 % | 14.90 N·m | 5.40 |
| Y | T3 | 50 Hz | 415 V | 1.50 kW | 963 r/min | 3.80 A | 0.650 | 82.50 % | 14.90 N·m | 5.70 |

| | |
|----------------------------------|--|
| Frame Material | Cast Iron |
| Frame Size | 100 |
| Frequency (f) | 50 Hz |
| Gas Group | IIC |
| Gross Weight | 46 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE3 Full Load (100%) 82.5 % Partial Load (75%) 82.5 % Partial Load (50%) 80.1 % |
| IE Class Data (60 Hz) | IE Class IE1 Full Load (100%) 85.2 % Partial Load (75%) 85.0 % Partial Load (50%) 82.9 % |
| IM Class | IMB3 IM1001 |
| Input Voltage (U _{in}) | 400 V |
| Insulation Class | ICLF |
| Invoice Description | M3GP 100MLB 6 |
| IP Class | IP55 |
| Made To Order | No |
| Medium Description | 1.5kW, 6 Poles, Frame Size 100, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GGP103420-ASL) |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 6 |
| Order Multiple | 1 piece |
| Output Power | 1.5 kW |
| Package Level 1 Units | 0 carton |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Depth / Length | 403 mm |
| Product Net Height | 247 mm |
| Product Net Weight | 41 kg |
| Product Net Width | 200 mm |
| Product Type | 5GP3 M3GP CI |
| Quote Only | No |
| Selling Unit of Measure | piece |
| Short Description | 1.5kW, 6P, Frame Size 100, 3PH, 400V, 50Hz, IP55, IMB3/IM1001 |
| 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

