

PRODUCT-DETAILS

3GKP133270-ASK

Flameproof IE3 Premium Efficiency LV Motors, 4 kW, 400 V (3GKP133270-ASK)



General Information

| | |
|----------------------|---|
| Product ID | 3GKP133270-ASK |
| ABB Type Designation | M3KP 132SMG 6 |
| Catalog Description | Flameproof IE3 Premium Efficiency LV Motors, 4 kW, 400 V (3GKP133270-ASK) |

Additional Information

| | |
|--------------------------|---------------|
| ABB Type Designation | M3KP 132SMG 6 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6208-2Z/C3 |
| Bearing NDE | 6208-2Z/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 | T4 | 50 Hz | 400 V | 4.00 kW | 974 r/min | 9.30 A | 0.690 | 86.80 % | 38.70 N-m | 5.60 |
| D | T4 | 50 Hz | 230 V | 4.00 kW | 974 r/min | 16.20 A | 0.690 | 86.80 % | 38.70 N-m | 5.60 |
| Y | T4 | 50 Hz | 380 V | 4.00 kW | 970 r/min | 9.60 A | 0.710 | 86.80 % | 38.70 N-m | 5.10 |
| D | T4 | 50 Hz | 220 V | 4.00 kW | 970 r/min | 16.50 A | 0.710 | 86.80 % | 38.70 N-m | 5.10 |
| Y | T4 | 50 Hz | 415 V | 4.00 kW | 976 r/min | 9.20 A | 0.670 | 86.80 % | 38.70 N-m | 5.90 |
| Y | T4 | 60 Hz | 460 V | 4.00 kW | 1177 r/min | 8.10 A | 0.680 | 89.50 % | 32.00 N-m | 6.30 |

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|----------------------------------|---|
| EX-Protection | Exdbeb |
| Frame Material | Cast Iron |
| Frame Size | 132 |
| Frequency (f) | 50 Hz |
| Gas Group | IIB |
| Gross Weight | 117 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE3 Full Load (100%) 86.8 % Partial Load (75%) 87.0 % Partial Load (50%) 85.9 % |
| IE Class Data (60 Hz) | IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.3 % Partial Load (50%) 87.8 % |
| IM Class | IMB3 IM1001 |
| Input Voltage (U _{in}) | 400 V |
| Insulation Class | ICLF |
| IP Class | IP55 |
| Made To Order | No |
| Medium Description | 4kW, 6 Poles, Frame Size 132, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB3/IM1001 Mounting (3GKP133270-ASK) |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 6 |
| Order Multiple | 1 piece |
| Output Power | 4 kW |
| Package Level 1 Units | 0 carton |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Depth / Length | 576 mm |
| Product Net Height | 346 mm |
| Product Net Weight | 112 kg |
| Product Net Width | 294 mm |
| Product Type | 3KP3_M3KP_IE3_Flameproof_Exde_motor |
| Quote Only | No |
| Replaced Product ID (OLD) | 3GKP133230-ASL |
| Selling Unit of Measure | piece |
| Short Description | 4kW, 6P, Frame Size 132, 3PH, 400V, 50Hz, IP55, IMB3/IM1001 |
| Temperature Class Default | T4 |
| 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 → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

