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PRODUCT-DETAILS

# 3GGP081323-BSB

## M3GP 80MC 2



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### General Information

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|----------------------|----------------|
| Product ID           | 3GGP081323-BSB |
| ABB Type Designation | M3GP 80MC 2    |
| Catalog Description  | M3GP 80MC 2    |

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### Additional Information

|                       |                             |
|-----------------------|-----------------------------|
| ABB Type Designation  | M3GP 80MC 2                 |
| Altitude              | 1000 m                      |
| Ambient Temperature   | 40 °C                       |
| Bearing               | 6204-2Z/C3                  |
| Bearing NDE           | 6203-2Z/C3                  |
| Country of Origin     | Finland (FI)<br>Poland (PL) |
| Customs Tariff Number | 85015220                    |
| Direction of Rotation | Both sides                  |
| EX-Protection         | Exec                        |
| Electrical Data       |                             |

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Efficiency Factor | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|-------------------------|----------|-------|
| Y    | T3         | 50 Hz | 400 V   | 1.10 kW | 2870 r/min | 2.48 A  | 0.800 81.80 %           | 3.60 N·m | 7.50  |
| D    | T3         | 50 Hz | 230 V   | 1.10 kW | 2870 r/min | 4.30 A  | 0.800 81.80 %           | 3.63 N·m | 7.50  |
| Y    | T3         | 60 Hz | 460 V   | 1.10 kW | 3490 r/min | 2.09 A  | 0.780 82.70 %           | 3.00 N·m | 7.50  |

|                           |   |
|---------------------------|---|
| Gas Group                 | IIC   |
| Gross Weight              | 21 kg   |
| IC Class                  | IC411   |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 81.2 %<br>Partial Load (75%) 82.4 %<br>Partial Load (50%) 80.2 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 82.7 %<br>Partial Load (75%) 81.8 %<br>Partial Load (50%) 78.6 % |
| IM Class                  | IMB5 IM3001   |
| IP Class                  | IP55  |
| Insulation Class          | ICLF  |
| Invoice Description       | M3GP 80MC 2   |
| Lubrication               | For life  |
| Made To Order             | No  |
| Minimum Order Quantity    | 1 piece   |
| Number of Poles (High)    | 2   |
| Order Multiple            | 1 piece   |
| Package Level 1 Units     | 0 carton  |
| Product Name              | 3-Phase squirrel cage motor   |
| Product Net Weight        | 18 kg   |
| Product Type              | 3GP0__M3GP_CI   |
| Quote Only                | No  |
| Selling Unit of Measure   | piece   |
| Standards                 | IEC 60034-1   |
| Starting of Motor         | Direct Online   |
| Stocked At (Warehouses)   | Central Stock Europe  |
| Temperature Class Default | T3  |
| Terminator Box Location   | Top   |
| Two Speed Motor           | No  |
| Type of Duty              | S1  |
| 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 IE2 LV motors

