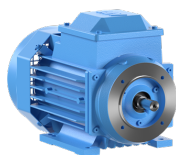


PRODUCT-DETAILS

3GGP083321-BDB

M3GP 80MA 6



General Information

| | |
|----------------------|----------------|
| Product ID | 3GGP083321-BDB |
| ABB Type Designation | M3GP 80MA 6 |
| Catalog Description | M3GP 80MA 6 |

Additional Information

| | |
|-----------------------|--------------|
| ABB Type Designation | M3GP 80MA 6 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6204-2Z/C3 |
| Bearing NDE | 6203-2Z/C3 |
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85015100 |
| Direction of Rotation | Both sides |
| EX-Protection | Exec |

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| D | T3 | 50 Hz | 400 V | 0.37 kW | 925 r/min | 1.09 A | 0.690 | 67.60 % | 3.80 N·m | 4.10 |
| D | T3 | 60 Hz | 460 V | 0.37 kW | 1135 r/min | 0.97 A | 0.640 | 74.50 % | 3.10 N·m | 4.90 |

| | |
|--------------|-------|
| Gas Group | IIC |
| Gross Weight | 18 kg |

| | |
|------------------------------|---------------------------------------------------------------------------------------------------|
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 67.6 % Partial Load (75%) 66.5 % Partial Load (50%) 60.9 % |
| IE Class Data (60 Hz) | IE Class IE2 Full Load (100%) 74.5 % Partial Load (75%) 73.7 % Partial Load (50%) 69.3 % |
| IM Class | IMB5 IM3001 |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Invoice Description | M3GP 80MA 6 |
| Lubrication | For life |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 6 |
| Order Multiple | 1 piece |
| Package Level 1 Units | 0 carton |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 15 kg |
| Product Type | 3GP0__M3GP_CI |
| Quote Only | No |
| Selling Unit of Measure | piece |
| Standards | IEC 60034-1 |
| Starting of Motor | Direct Online |
| Temperature Class Default | T3 |
| Terminator Box Location | Top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| Voltage Code | D |
| 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

