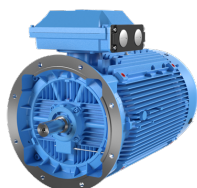


PRODUCT-DETAILS

3GGP284210-BDG

M3GP 280SMA 8



General Information

| | |
|----------------------|----------------|
| Product ID | 3GGP284210-BDG |
| ABB Type Designation | M3GP 280SMA 8 |
| Catalog Description | M3GP 280SMA 8 |

Additional Information

| | |
|-----------------------|---------------|
| ABB Type Designation | M3GP 280SMA 8 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6316/C3 |
| Bearing NDE | 6316/C3 |
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85015230 |
| 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 | 690 V | 37.00 kW | 741 r/min | 42.10 A | 0.790 | 91.70 % | 476.00 N-m | 7.30 |
| D | T3 | 50 Hz | 400 V | 37.00 kW | 741 r/min | 72.60 A | 0.790 | 91.70 % | 476.00 N-m | 7.30 |
| D | T3 | 50 Hz | 415 V | 37.00 kW | 741 r/min | 71.80 A | 0.760 | 91.70 % | 476.00 N-m | 7.70 |

| | |
|------------------------------|---|
| Frame Material | Cast Iron |
| Frame Size | 280 |
| Gas Group | IIC |
| Gross Weight | 625 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 91.7 % Partial Load (75%) 91.7 % Partial Load (50%) 90.2 % |
| IM Class | IMB5 IM3001 |
| Insulation Class | ICLF |
| Invoice Description | M3GP 280SMA 8 |
| IP Class | IP55 |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 8 |
| Output Power | 37 kW |
| Package Level 1 Units | 1 pallet (lift) |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 605 kg |
| Product Type | 3GP2_M3GP_IE2_CI |
| Quote Only | No |
| Selling Unit of Measure | piece |
| Temperature Class Default | T3 |
| Terminator Box Location | Top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| UNSPSC | 26101100 |
| Voltage Code | D |
| WEEE Category | 4. Large Equipment (Any 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

Motors and Generators → Motors and Generators for Explosive Atmospheres → Increased Safety Ex ec Zone 2 Motors → Increased Safety IE2 Ex ec Motors

