

PRODUCT-DETAILS

# 3GGP404820-BDG

## M3GP 400LKB 8



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GGP404820-BDG |
| ABB Type Designation | M3GP 400LKB 8  |
| Catalog Description  | M3GP 400LKB 8  |

### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3GP 400LKB 8 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6324/C3       |
| Bearing NDE           | 6319/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015381      |
| Direction of Rotation | CW Clockwise  |

### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power     | Speed     | Current  | Power Factor | Efficiency | Torque      | IS/IN |
|------|------------|-------|---------|-----------|-----------|----------|--------------|------------|-------------|-------|
| Y    | T3         | 50 Hz | 690 V   | 355.00 kW | 743 r/min | 373.00 A | 0.830        | 93.50 %    | 4562.00 N-m | 6.80  |
| D    | T3         | 50 Hz | 400 V   | 355.00 kW | 743 r/min | 641.00 A | 0.830        | 93.50 %    | 4562.00 N-m | 6.80  |
| D    | T3         | 50 Hz | 415 V   | 355.00 kW | 744 r/min | 629.00 A | 0.820        | 93.50 %    | 4559.00 N-m | 8.10  |

|                |           |
|----------------|-----------|
| EX-Protection  | Exec      |
| Frame Material | Cast Iron |
| Frame Size     | 400       |

|                              |   |
|------------------------------|---|
| Gas Group                    | IIC   |
| Gross Weight                 | 3240 kg   |
| IC Class                     | IC411   |
| IE Class Data (50 Hz)        | IE Class IE2<br>Full Load (100%) 93.5 %<br>Partial Load (75%) 93.8 %<br>Partial Load (50%) 93.3 % |
| IM Class                     | IMB5 IM3001   |
| Insulation Class             | ICLF  |
| Invoice Description          | M3GP 400LKB 8   |
| IP Class                     | IP55  |
| Made To Order                | No  |
| Minimum Order Quantity       | 1 piece   |
| Number of Poles (High)       | 8   |
| Order Multiple               | 1 piece   |
| Package Level 1 Units        | 1 pallet (lift)   |
| Product Name                 | 3-Phase squirrel cage motor   |
| Product Net Weight           | 3200 kg   |
| Product Type                 | 3GP2_M3GP_IE2_CI  |
| Quote Only                   | No  |
| Selling Unit of Measure      | piece   |
| Temperature Class<br>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)                                       |

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## Categories

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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

