



PRODUCT-DETAILS

# 3GLP314330-BDG

## M3LP 315MC 8

### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GLP314330-BDG |
| ABB Type Designation | M3LP 315MC 8   |
| Catalog Description  | M3LP 315MC 8   |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3LP 315MC 8 |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6319/C3      |
| Bearing NDE           | 6316/C3      |
| Country of Origin     | Finland (FI) |
| Customs Tariff Number | 85015381     |
| Direction of Rotation | Both sides   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power     | Speed     | Current  | Power Factor | Efficiency | Torque      | IS/IN |
|------|------------|-------|---------|-----------|-----------|----------|--------------|------------|-------------|-------|
| D    | --         | 50 Hz | 400 V   | 110.00 kW | 740 r/min | 207.00 A | 0.820        | 93.50 %    | 1419.00 N-m | 7.00  |
| Y    | --         | 50 Hz | 690 V   | 110.00 kW | 740 r/min | 119.00 A | 0.820        | 93.50 %    | 1419.00 N-m | 7.00  |

|                        |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight           | 870 kg                                                                                            |
| IC Class               | IC71W                                                                                             |
| IE Class Data (50 Hz)  | IE Class IE2<br>Full Load (100%) 93.5 %<br>Partial Load (75%) 94.0 %<br>Partial Load (50%) 93.7 % |
| IM Class               | IMB5 IM3001                                                                                       |
| IP Class               | IP55                                                                                              |
| Insulation Class       | ICLF                                                                                              |
| Invoice Description    | M3LP 315MC 8                                                                                      |
| Made To Order          | No                                                                                                |
| Minimum Order Quantity | 1 piece                                                                                           |
| Number of Poles (High) | 8                                                                                                 |
| Order Multiple         | 1 piece                                                                                           |
| Package Level 1 Units  | 0 pallet (lift)                                                                                   |
| Product Name           | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight     | 850 kg                                                                                            |
| Product Type           | 3LP2__water_cooled_motor_IE2                                                                      |

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Quote Only                | No                                                          |
| Selling Unit of Measure   | piece                                                       |
| Temperature Class Default | --                                                          |
| 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 → IEC Low Voltage AC Motors → Water Cooled Motors → IE2 Water Cooled Motors