

PRODUCT-DETAILS

# 3GBP314410-BDG

## M3BP 315MLA 8



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBP314410-BDG |
| ABB Type Designation | M3BP 315MLA 8  |
| Catalog Description  | M3BP 315MLA 8  |

### Additional Information

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| ABB Type Designation  | M3BP 315MLA 8                                           |
| Altitude              | 1000 m                                                  |
| Ambient Temperature   | 40 °C                                                   |
| Bearing               | 6319/C3                                                 |
| Bearing NDE           | 6316/C3                                                 |
| Country of Origin     | Finland (FI)<br>China (CN)<br>India (IN)<br>Poland (PL) |
| 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                                                                                             |
|---------------------------|------------|-------|---------|-----------|-----------|-------------------------------------------------------------|--------------|------------|-------------|---------------------------------------------------------------------------------------------------|
| Y                         | --         | 50 Hz | 690 V   | 110.00 kW | 740 r/min | 122.00 A                                                    | 0.830        | 93.60 %    | 1419.00 N-m | 7.30                                                                                              |
| D                         | --         | 50 Hz | 400 V   | 110.00 kW | 740 r/min | 211.00 A                                                    | 0.830        | 93.60 %    | 1419.00 N-m | 7.30                                                                                              |
| D                         | --         | 50 Hz | 415 V   | 110.00 kW | 740 r/min | 206.00 A                                                    | 0.820        | 93.60 %    | 1419.00 N-m | 7.90                                                                                              |
| Gross Weight              |            |       |         |           |           |                                                             |              |            |             | 1170 kg                                                                                           |
| IC Class                  |            |       |         |           |           |                                                             |              |            |             | IC411                                                                                             |
| IE Class Data (50 Hz)     |            |       |         |           |           |                                                             |              |            |             | IE Class IE2<br>Full Load (100%) 93.6 %<br>Partial Load (75%) 93.9 %<br>Partial Load (50%) 94.0 % |
| IM Class                  |            |       |         |           |           |                                                             |              |            |             | IMB5 IM3001                                                                                       |
| IP Class                  |            |       |         |           |           |                                                             |              |            |             | IP55                                                                                              |
| Insulation Class          |            |       |         |           |           |                                                             |              |            |             | ICLF                                                                                              |
| Invoice Description       |            |       |         |           |           |                                                             |              |            |             | M3BP 315MLA 8                                                                                     |
| Made To Order             |            |       |         |           |           |                                                             |              |            |             | No                                                                                                |
| Minimum Order Quantity    |            |       |         |           |           |                                                             |              |            |             | 1 piece                                                                                           |
| Number of Poles (High)    |            |       |         |           |           |                                                             |              |            |             | 8                                                                                                 |
| Output Power              |            |       |         |           |           |                                                             |              |            |             | 110 kW                                                                                            |
| Package Level 1 Units     |            |       |         |           |           |                                                             |              |            |             | 1 pallet (lift)                                                                                   |
| Product Name              |            |       |         |           |           |                                                             |              |            |             | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        |            |       |         |           |           |                                                             |              |            |             | 1150 kg                                                                                           |
| Product Type              |            |       |         |           |           |                                                             |              |            |             | 3BP2__M3BP_IE2_CI                                                                                 |
| Quote Only                |            |       |         |           |           |                                                             |              |            |             | No                                                                                                |
| SCIP                      |            |       |         |           |           | 54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)           |              |            |             |                                                                                                   |
| Selling Unit of Measure   |            |       |         |           |           |                                                             |              |            |             | piece                                                                                             |
| Service Factor            |            |       |         |           |           |                                                             |              |            |             | 1.00                                                                                              |
| Stocked At (Warehouses)   |            |       |         |           |           |                                                             |              |            |             | Shanghai, China                                                                                   |
| Temperature Class Default |            |       |         |           |           |                                                             |              |            |             | --                                                                                                |
| Terminator Box Location   |            |       |         |           |           |                                                             |              |            |             | Top                                                                                               |
| Two Speed Motor           |            |       |         |           |           |                                                             |              |            |             | No                                                                                                |
| Type of Duty              |            |       |         |           |           |                                                             |              |            |             | S1                                                                                                |
| UNSPSC                    |            |       |         |           |           |                                                             |              |            |             | 26101100<br>39120000                                                                              |
| Voltage Code              |            |       |         |           |           |                                                             |              |            |             | D                                                                                                 |
| WEEE Category             |            |       |         |           |           | 4. Large Equipment (Any External Dimension More Than 50 cm) |              |            |             |                                                                                                   |

## Categories

Motors and Generators → IEC Low Voltage AC Motors → Marine Motors → Marine Process Performance Motors

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Cast Iron Motors

Motors and Generators → IEC Low Voltage AC Motors → Smoke Extraction Motors

