

PRODUCT-DETAILS

# 3GBP353420-BDK

## M3BP 355MLB 6



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBP353420-BDK |
| ABB Type Designation | M3BP 355MLB 6  |
| Catalog Description  | M3BP 355MLB 6  |

### Additional Information

|                       |                                          |
|-----------------------|------------------------------------------|
| ABB Type Designation  | M3BP 355MLB 6                            |
| Altitude              | 1000 m                                   |
| Ambient Temperature   | 40 °C                                    |
| Bearing               | 6322/C3                                  |
| Bearing NDE           | 6316/C3                                  |
| Country of Origin     | Finland (FI)<br>China (CN)<br>India (IN) |
| 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   | 250.00 kW | 995 r/min  | 264.00 A | 0.830        | 95.80 %    | 2399.00 N·m | 7.10  |
| D    | --         | 50 Hz | 400 V   | 250.00 kW | 995 r/min  | 456.00 A | 0.830        | 95.80 %    | 2399.00 N·m | 7.10  |
| Y    | --         | 50 Hz | 660 V   | 250.00 kW | 994 r/min  | 273.00 A | 0.840        | 95.80 %    | 2401.00 N·m | 6.40  |
| D    | --         | 50 Hz | 380 V   | 250.00 kW | 994 r/min  | 474.00 A | 0.840        | 95.80 %    | 2401.00 N·m | 6.40  |
| D    | --         | 50 Hz | 415 V   | 250.00 kW | 995 r/min  | 444.00 A | 0.820        | 95.80 %    | 2399.00 N·m | 7.60  |
| D    | --         | 60 Hz | 460 V   | 250.00 kW | 1195 r/min | 401.00 A | 0.820        | 95.80 %    | 1997.00 N·m | 9.20  |

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight            | 2210 kg                                                                                           |
| IC Class                | IC411                                                                                             |
| IE Class Data (50 Hz)   | IE Class IE3<br>Full Load (100%) 95.8 %<br>Partial Load (75%) 95.9 %<br>Partial Load (50%) 95.5 % |
| IE Class Data (60 Hz)   | IE Class IE3<br>Full Load (100%) 95.8 %<br>Partial Load (75%) 95.8 %<br>Partial Load (50%) 95.0 % |
| IM Class                | IMB5 IM3001                                                                                       |
| IP Class                | IP55                                                                                              |
| Insulation Class        | ICLF                                                                                              |
| Invoice Description     | M3BP 355MLB 6                                                                                     |
| Made To Order           | No                                                                                                |
| Minimum Order Quantity  | 1 piece                                                                                           |
| Number of Poles (High)  | 6                                                                                                 |
| Package Level 1 Units   | 0 pallet (lift)                                                                                   |
| Product Name            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight      | 2180 kg                                                                                           |
| Product Type            | 3BP3_M3BP_IE3_CI                                                                                  |
| Quote Only              | No                                                                                                |
| SCIP                    | 54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)                                                 |
| 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)                                       |

## Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

