

PRODUCT-DETAILS

# 3GBP354820-AEK

## M3BP 355LKB 8



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBP354820-AEK |
| ABB Type Designation | M3BP 355LKB 8  |
| Catalog Description  | M3BP 355LKB 8  |

### Additional Information

|                       |                            |
|-----------------------|----------------------------|
| ABB Type Designation  | M3BP 355LKB 8              |
| Altitude              | 1000 m                     |
| Ambient Temperature   | 40 °C                      |
| Bearing               | 6322/C3                    |
| Bearing NDE           | 6316/C3                    |
| Country of Origin     | Finland (FI)<br>China (CN) |
| 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 | 500 V   | 315.00 kW | 742 r/min | 476.00 A | 0.800        | 94.60 %    | 4053.00 N·m | 7.90  |
| D    | --         | 60 Hz | 575 V   | 315.00 kW | 893 r/min | 419.00 A | 0.790        | 95.00 %    | 3369.00 N·m | 8.80  |

|              |       |
|--------------|-------|
| Gross Weight | 0 kg  |
| IC Class     | IC411 |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 94.6 %<br>Partial Load (75%) 94.8 %<br>Partial Load (50%) 94.2 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 95.0 %<br>Partial Load (75%) 95.0 %<br>Partial Load (50%) 94.1 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3BP 355LKB 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        | 2600 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              | E                                                                                                 |
| 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



