

PRODUCT-DETAILS

# 3GBA351220-ADC

## M2BAX 355SMB 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GBA351220-ADC |
| ABB Type Designation | M2BAX 355SMB 2 |
| Catalog Description  | M2BAX 355SMB 2 |

### Additional Information

|                       |                          |
|-----------------------|--------------------------|
| ABB Type Designation  | M2BAX 355SMB 2           |
| Altitude              | 1000 m                   |
| Ambient Temperature   | 40 °C                    |
| Bearing               | 6219/C3                  |
| Bearing NDE           | 6219/C3                  |
| Country of Origin     | 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   | 315.00 kW | 2980 r/min | 310.00 A | 0.890        | 95.00 %    | 1009.00 N·m | 7.20  |
| D    | --         | 50 Hz | 400 V   | 315.00 kW | 2980 r/min | 537.00 A | 0.890        | 95.00 %    | 1009.00 N·m | 7.20  |
| Y    | --         | 50 Hz | 660 V   | 315.00 kW | 2978 r/min | 325.00 A | 0.890        | 95.00 %    | 1009.00 N·m | 6.50  |
| D    | --         | 50 Hz | 380 V   | 315.00 kW | 2978 r/min | 563.00 A | 0.890        | 95.00 %    | 1009.00 N·m | 6.50  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 1499 kg                                                                                           |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 95.0 %<br>Partial Load (75%) 95.0 %<br>Partial Load (50%) 94.2 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 95.4 %<br>Partial Load (75%) 95.1 %<br>Partial Load (50%) 93.8 % |
| IM Class                  | IMB3 IM1001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2BAX 355SMB 2                                                                                    |
| Lubrication               | Regreasable                                                                                       |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Number of Poles (High)    | 2                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 pallet (lift)                                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 1469 kg                                                                                           |
| Product Type              | EBA2__M2BAX_CI                                                                                    |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GBA351220-ADL                                                                                    |
| SCIP                      | d19446d4-4db6-4ddb-826d-2341a0f7dd46 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Standards                 | IEC 60034-1                                                                                       |
| Starting of Motor         | Direct Online                                                                                     |
| Stocked At (Warehouses)   | Shanghai, China                                                                                   |
| Temperature Class Default | --                                                                                                |
| Temperature Rise          | 80 K                                                                                              |
| 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 → General Performance Motors → IE2 High Efficiency Cast Iron Motors

