



PRODUCT-DETAILS

3GBA102520-ASCCNCA  
M2BAX 100LB4

| General Information  |                    |
|----------------------|--------------------|
| Product ID           | 3GBA102520-ASCCNCA |
| ABB Type Designation | M2BAX 100LB 4      |
| Catalog Description  | M2BAX 100LB4       |

| Additional Information |               |
|------------------------|---------------|
| ABB Type Designation   | M2BAX 100LB 4 |
| Altitude               | 1000 m        |
| Ambient Temperature    | 40 °C         |
| Bearing                | 6206-2Z/C3    |
| Bearing NDE            | 6205-2Z/C3    |
| Country of Origin      | China (CN)    |
| Customs Tariff Number  | 85015100      |
| Direction of Rotation  | Both sides    |
| Electrical Data        |               |

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y    | --         | 50 Hz | 380 V   | 3.00 kW | 1435 r/min | 6.42 A  | 0.830        | 85.50 %    | 19.80 N·m | 7.30  |
| D    | --         | 50 Hz | 220 V   | 3.00 kW | 1435 r/min | 11.10 A | 0.830        | 85.50 %    | 19.80 N·m | 7.30  |
| Y    | --         | 50 Hz | 400 V   | 3.00 kW | 1445 r/min | 6.41 A  | 0.790        | 85.50 %    | 19.80 N·m | 7.70  |

|                       |   |
|-----------------------|---|
| Frame Size            | 100   |
| Gross Weight          | 35 kg   |
| IC Class              | IC411   |
| IE Class Data (50 Hz) | IE Class IE2<br>Full Load (100%) 85.5 %<br>Partial Load (75%) 85.0 %<br>Partial Load (50%) 82.9 % |
| IM Class              | IMB34 IM2101  |
| Insulation Class      | ICLF  |
| Invoice Description   | M2BAX 100LB4  |
| IP Class              | IP55  |
| Lubrication           | For life  |
| Made To Order         | No  |

|                              |  |
|------------------------------|--|
| Minimum Order Quantity       | 1 piece  |
| Number of Poles (High)       | 4  |
| Order Multiple               | 1 piece  |
| Package Level 1 Units        | 0 carton   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 35 kg  |
| Product Type                 | CBA2__M2BAX_CI   |
| Quote Only                   | No   |
| Selling Unit of Measure      | piece  |
| Standards                    | IEC 60034-1  |
| Starting of Motor            | Direct Online  |
| Stocked At<br>(Warehouses)   | Shanghai, China<br>Guangzhou, China                        |
| Temperature Class<br>Default | --   |
| Temperature Rise             | 80 K   |
| Terminator Box Location      | D-End top  |
| Two Speed Motor              | No   |
| Type of Duty                 | S1   |
| UNSPSC                       | 26101100   |
| Voltage Code                 | S  |
| WEEE Category                | 5. Small Equipment (No External Dimension More Than 50 cm) |