



PRODUCT-DETAILS

# 3GBA081213-CSBCN

## No Description Available

| General Information  |            |       |         |         |            |   |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
|--|------------|-------|---------|---------|------------|---|--------------|------------|----------|-------|--|------|------------|------|---------|-------|-------|---------|--------------|------------|--------|-------|--|---|----|-------|-------|---------|------------|--------|-------|---------|----------|------|--|---|----|-------|-------|---------|------------|--------|-------|---------|----------|------|--|---|----|-------|-------|---------|------------|--------|-------|---------|----------|------|--|
| Product ID   |            |       |         |         |            | 3GBA081213-CSBCN  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| ABB Type Designation   |            |       |         |         |            | M2BA 80MC 2   |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Catalog Description  |            |       |         |         |            | No Description Available  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Additional Information   |            |       |         |         |            |   |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| ABB Type Designation   |            |       |         |         |            | M2BA 80MC 2   |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Altitude   |            |       |         |         |            | 1000 m  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Ambient Temperature  |            |       |         |         |            | 40 °C   |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Bearing  |            |       |         |         |            | 6204-2Z/C3  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Bearing NDE  |            |       |         |         |            | 6203-2Z/C3  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Country of Origin  |            |       |         |         |            | China (CN)  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Customs Tariff Number  |            |       |         |         |            | 85015100  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Direction of Rotation  |            |       |         |         |            | Both sides  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Electrical Data  |            |       |         |         |            |   |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| <table><tr><th>Conn</th><th>Temp Class</th><th>Freq</th><th>Voltage</th><th>Power</th><th>Speed</th><th>Current</th><th>Power Factor</th><th>Efficiency</th><th>Torque</th><th colspan="2">IS/IN</th></tr><tr><td>D</td><td>--</td><td>50 Hz</td><td>220 V</td><td>1.10 kW</td><td>2855 r/min</td><td>4.20 A</td><td>0.840</td><td>81.40 %</td><td>3.60 N·m</td><td colspan="2">7.00</td></tr><tr><td>Y</td><td>--</td><td>50 Hz</td><td>380 V</td><td>1.10 kW</td><td>2855 r/min</td><td>2.40 A</td><td>0.840</td><td>81.40 %</td><td>3.60 N·m</td><td colspan="2">7.00</td></tr><tr><td>D</td><td>--</td><td>50 Hz</td><td>230 V</td><td>1.10 kW</td><td>2870 r/min</td><td>4.10 A</td><td>0.800</td><td>81.80 %</td><td>3.60 N·m</td><td colspan="2">7.50</td></tr></table> |            |       |         |         |            |   |              |            |          |       |  | Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |  | D | -- | 50 Hz | 220 V | 1.10 kW | 2855 r/min | 4.20 A | 0.840 | 81.40 % | 3.60 N·m | 7.00 |  | Y | -- | 50 Hz | 380 V | 1.10 kW | 2855 r/min | 2.40 A | 0.840 | 81.40 % | 3.60 N·m | 7.00 |  | D | -- | 50 Hz | 230 V | 1.10 kW | 2870 r/min | 4.10 A | 0.800 | 81.80 % | 3.60 N·m | 7.50 |  |
| Conn   | Temp Class | Freq  | Voltage | Power   | Speed      | Current   | Power Factor | Efficiency | Torque   | IS/IN |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| D  | --         | 50 Hz | 220 V   | 1.10 kW | 2855 r/min | 4.20 A  | 0.840        | 81.40 %    | 3.60 N·m | 7.00  |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Y  | --         | 50 Hz | 380 V   | 1.10 kW | 2855 r/min | 2.40 A  | 0.840        | 81.40 %    | 3.60 N·m | 7.00  |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| D  | --         | 50 Hz | 230 V   | 1.10 kW | 2870 r/min | 4.10 A  | 0.800        | 81.80 %    | 3.60 N·m | 7.50  |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Frame Size   |            |       |         |         |            | 80  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Gross Weight   |            |       |         |         |            | 18 kg   |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| IC Class   |            |       |         |         |            | IC411   |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| IE Class Data (50 Hz)  |            |       |         |         |            | IE Class IE2<br>Full Load (100%) 81.8 %<br>Partial Load (75%) 82.4 %<br>Partial Load (50%) 80.2 % |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| IE Class Data (60 Hz)  |            |       |         |         |            | IE Class IE2<br>Full Load (100%) 83.2 %   |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| IM Class   |            |       |         |         |            | IMB14 IM3601  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Insulation Class   |            |       |         |         |            | ICLF  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| IP Class   |            |       |         |         |            | IP55  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |
| Lubrication  |            |       |         |         |            | For life  |              |            |          |       |  |      |            |      |         |       |       |         |              |            |        |       |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |   |    |       |       |         |            |        |       |         |          |      |  |

|                              |  |
|------------------------------|--|
| Made To Order                | No   |
| Minimum Order Quantity       | 1 piece  |
| Number of Poles (High)       | 2  |
| Order Multiple               | 1 piece  |
| Package Level 1 Units        | 0 carton   |
| Product Name                 | 3-Phase squirrel cage motor                                |
| Product Net Weight           | 18 kg  |
| Product Type                 | 2BA2__M2BA_IE2_CI  |
| Quote Only                   | No   |
| Selling Unit of Measure      | piece  |
| Standards                    | IEC 60034-1  |
| Starting of Motor            | Direct Online  |
| Stocked At<br>(Warehouses)   | Shanghai, China  |
| Temperature Class<br>Default | --   |
| 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) |