



PRODUCT-DETAILS

3GBA074320-BSCIN  
M2BAX 71MB 8

| General Information   |            |       |         |         |           |         |              |   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
|---|------------|-------|---------|---------|-----------|---------|--------------|---|----------|-------|--|------|------------|------|---------|-------|-------|---------|--------------|------------|--------|-------|---|----|-------|-------|---------|-----------|--------|-------|---------|----------|------|
| Product ID  |            |       |         |         |           |         |              | 3GBA074320-BSCIN  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| ABB Type Designation  |            |       |         |         |           |         |              | M2BAX 71MB 8  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Catalog Description   |            |       |         |         |           |         |              | M2BAX 71MB 8  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
|   |            |       |         |         |           |         |              |   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Additional Information  |            |       |         |         |           |         |              |   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| ABB Type Designation  |            |       |         |         |           |         |              | M2BAX 71MB 8  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Altitude  |            |       |         |         |           |         |              | 1000 m  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Ambient Temperature   |            |       |         |         |           |         |              | 50 °C   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Bearing   |            |       |         |         |           |         |              | 6203-2Z/C3  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Bearing NDE   |            |       |         |         |           |         |              | 6202-2Z/C3  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Country of Origin   |            |       |         |         |           |         |              | India (IN)  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| 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>IS/IN</th></tr><tr><td>Y</td><td>--</td><td>50 Hz</td><td>415 V</td><td>0.12 kW</td><td>680 r/min</td><td>0.70 A</td><td>0.600</td><td>39.80 %</td><td>1.69 N·m</td><td>3.00</td></tr></table> |            |       |         |         |           |         |              |   |          |       |  | Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN | Y | -- | 50 Hz | 415 V | 0.12 kW | 680 r/min | 0.70 A | 0.600 | 39.80 % | 1.69 N·m | 3.00 |
| Conn  | Temp Class | Freq  | Voltage | Power   | Speed     | Current | Power Factor | Efficiency  | Torque   | IS/IN |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Y   | --         | 50 Hz | 415 V   | 0.12 kW | 680 r/min | 0.70 A  | 0.600        | 39.80 %   | 1.69 N·m | 3.00  |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Frame Material  |            |       |         |         |           |         |              | Cast Iron   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Frame Size  |            |       |         |         |           |         |              | 71  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Gross Weight  |            |       |         |         |           |         |              | 14 kg   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| IC Class  |            |       |         |         |           |         |              | IC411   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| IE Class Data (50 Hz)   |            |       |         |         |           |         |              | IE Class IE2<br>Full Load (100%) 39.8 %<br>Partial Load (75%) 34.1 %<br>Partial Load (50%) 24.9 % |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| IM Class  |            |       |         |         |           |         |              | IMB5 IM3001   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Insulation Class  |            |       |         |         |           |         |              | ICLF  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Invoice Description   |            |       |         |         |           |         |              | M2BAX 71MB 8  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| IP Class  |            |       |         |         |           |         |              | IP55  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Made To Order   |            |       |         |         |           |         |              | No  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Minimum Order Quantity  |            |       |         |         |           |         |              | 1 piece   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Number of Poles (High)  |            |       |         |         |           |         |              | 8   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Order Multiple  |            |       |         |         |           |         |              | 1 piece   |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |
| Package Level 1 Units   |            |       |         |         |           |         |              | 0 carton  |          |       |  |      |            |      |         |       |       |         |              |            |        |       |   |    |       |       |         |           |        |       |         |          |      |

|                              |                             |
|------------------------------|-----------------------------|
| Product Name                 | 3-Phase squirrel cage motor |
| Product Net Weight           | 11 kg                       |
| Product Type                 | IBA2__M2BAX_IE2_CI          |
| Quote Only                   | No                          |
| Selling Unit of Measure      | piece                       |
| Temperature Class<br>Default | --                          |
| Terminator Box Location      | D-End top                   |
| Two Speed Motor              | No                          |
| Type of Duty                 | S1                          |
| UNSPSC                       | 26101100                    |
| Voltage Code                 | S                           |