



PRODUCT-DETAILS

3GBA102213-HFB

No Description Available

| General Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------|-------|---------|---------|------------|---------|--------------|---|-----------|-------|--|------|------------|------|---------|-------|-------|---------|--------------|------------|--------|-------|---|----|-------|-------|---------|------------|--------|-------|---------|-----------|------|---|----|-------|-------|---------|------------|--------|-------|---------|-----------|------|
| Product ID | | | | | | | | 3GBA102213-HFB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABB Type Designation | | | | | | | | M2BA 100LC 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Catalog Description | | | | | | | | No Description Available | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Additional Information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABB Type Designation | | | | | | | | M2BA 100LC 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Altitude | | | | | | | | 1000 m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambient Temperature | | | | | | | | 40 °C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bearing | | | | | | | | 6206-2Z/C3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bearing NDE | | | | | | | | 6205-2Z/C3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Country of Origin | | | | | | | | India (IN) China (CN) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Customs Tariff Number | | | | | | | | 85015220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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>500 V</td><td>2.20 kW</td><td>1450 r/min</td><td>3.70 A</td><td>0.780</td><td>85.90 %</td><td>14.40 N-m</td><td>6.40</td></tr><tr><td>Y</td><td>--</td><td>60 Hz</td><td>575 V</td><td>2.20 kW</td><td>1755 r/min</td><td>3.20 A</td><td>0.770</td><td>87.60 %</td><td>11.90 N-m</td><td>7.20</td></tr></table> | | | | | | | | | | | | Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN | Y | -- | 50 Hz | 500 V | 2.20 kW | 1450 r/min | 3.70 A | 0.780 | 85.90 % | 14.40 N-m | 6.40 | Y | -- | 60 Hz | 575 V | 2.20 kW | 1755 r/min | 3.20 A | 0.770 | 87.60 % | 11.90 N-m | 7.20 |
| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Y | -- | 50 Hz | 500 V | 2.20 kW | 1450 r/min | 3.70 A | 0.780 | 85.90 % | 14.40 N-m | 6.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Y | -- | 60 Hz | 575 V | 2.20 kW | 1755 r/min | 3.20 A | 0.770 | 87.60 % | 11.90 N-m | 7.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Frame Size | | | | | | | | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gross Weight | | | | | | | | 37 kg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IC Class | | | | | | | | IC411 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IE Class Data (50 Hz) | | | | | | | | IE Class IE2 Full Load (100%) 85.9 % Partial Load (75%) 85.1 % Partial Load (50%) 83.4 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IE Class Data (60 Hz) | | | | | | | | IE Class IE2 Full Load (100%) 87.6 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IM Class | | | | | | | | IMB35 IM2001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insulation Class | | | | | | | | ICLF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IP Class | | | | | | | | IP55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lubrication | | | | | | | | For life | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Made To Order | | | | | | | | No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 4 |
| Package Level 1 Units | 0 carton |
| Pre Modified Motor Product ID | 3GBA102213-AFB |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 36 kg |
| Product Type | 2BA2__M2BA_IE2_CI |
| Quote Only | No |
| Selling Unit of Measure | piece |
| Standards | IEC 60034-1 |
| Starting of Motor | Direct Online |
| Temperature Class Default | -- |
| Terminator Box Location | D-End top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| UNSPSC | 26101100 |
| Voltage Code | F |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |