



PRODUCT-DETAILS

3GAA062002-BFE

M2AA 63B 4 0,18kW V380-420D 50Hz B5

"No longer for sale" replaced by 3GAA062312-

| General Information | | | | | | | | | | | |
|------------------------|------------|-------|---------|---------|------------|---|--------------|------------|----------|-------|--|
| Product ID | | | | | | 3GAA062002-BFE | | | | | |
| ABB Type Designation | | | | | | M2AA 63B 4 | | | | | |
| Catalog Description | | | | | | M2AA 63B 4 0,18kW V380-420D 50Hz B5 | | | | | |
| Additional Information | | | | | | | | | | | |
| ABB Type Designation | | | | | | M2AA 63B 4 | | | | | |
| Altitude | | | | | | 1000 m | | | | | |
| Ambient Temperature | | | | | | 40 °C | | | | | |
| Bearing | | | | | | 6201-2Z/C3 | | | | | |
| Bearing NDE | | | | | | 6201-2Z/C3 | | | | | |
| Country of Origin | | | | | | Finland (FI) China (CN) | | | | | |
| Customs Tariff Number | | | | | | 85015100 | | | | | |
| Electrical Data | | | | | | | | | | | |
| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN | |
| Y | -- | 50 Hz | 500 V | 0.18 kW | 1370 r/min | 0.54 A | 0.610 | 64.70 % | 1.25 N·m | 3.70 | |
| Y | -- | 60 Hz | 575 V | 0.18 kW | 1700 r/min | 0.49 A | 0.550 | 68.00 % | 1.00 N·m | 4.00 | |
| Frame Material | | | | | | Aluminum | | | | | |
| Frame Size | | | | | | 63 | | | | | |
| Gross Weight | | | | | | 5.2 kg | | | | | |
| IC Class | | | | | | IC411 | | | | | |
| IE Class Data (50 Hz) | | | | | | IE Class IE1 Full Load (100%) 63.5 % Partial Load (75%) 61.0 % Partial Load (50%) 54.3 % | | | | | |
| IE Class Data (60 Hz) | | | | | | IE Class IE1 Full Load (100%) 66.6 % Partial Load (75%) 63.3 % Partial Load (50%) 55.8 % | | | | | |
| IM Class | | | | | | IMB5 IM3001 | | | | | |
| Insulation Class | | | | | | ICLF | | | | | |
| Invoice Description | | | | | | M2AA 63B 4 0,18kW V380-420D 50Hz B5 | | | | | |

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|------------------------------|--|
| IP Class | IP55 |
| Lubrication | For life |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Moment of Inertia | 0.00026 kg/m³ |
| 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 | 4.2 kg |
| Product Type | 2AA2__M2AA__IE2__AA |
| Quote Only | No |
| Replacement Product ID (NEW) | 3GAA062312-BFF |
| Selling Unit of Measure | piece |
| Sound dB (A) | 40 dB(A) |
| Standards | IEC 60034-1 |
| Starting of Motor | Direct Online |
| Temperature Class Default | -- |
| Temperature Rise | 47 K |
| 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) |