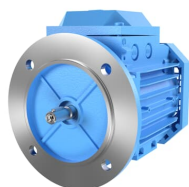


PRODUCT-DETAILS

3GAA063312-BSF

IE2 High Efficiency Aluminum Motors, 0.12 kW, 400 V (3GAA063312-BSF)



General Information

| | |
|----------------------|----------------------------------------------------------------------|
| Product ID | 3GAA063312-BSF |
| ABB Type Designation | M3AA 63B 6 |
| Catalog Description | IE2 High Efficiency Aluminum Motors, 0.12 kW, 400 V (3GAA063312-BSF) |

Additional Information

| | |
|--------------------------|------------|
| ABB Type Designation | M3AA 63B 6 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6201-2Z/C3 |
| Bearing NDE | 6201-2Z/C3 |
| Connection Configuration | Y |
| Country of Origin | 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 | 400 V | 0.12 kW | 890 r/min | 0.55 A | 0.600 | 50.60 % | 1.29 N-m | 3.00 |
| D | -- | 50 Hz | 230 V | 0.12 kW | 890 r/min | 0.95 A | 0.600 | 50.60 % | 1.29 N-m | 3.00 |
| Y | -- | 60 Hz | 460 V | 0.12 kW | 1110 r/min | 0.51 A | 0.530 | 50.50 % | 1.02 N-m | 3.40 |

| | |
|----------------|----------|
| Frame Material | Aluminum |
|----------------|----------|

| | |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| Frame Size | 63 |
| Frequency (f) | 50 Hz |
| Gross Weight | 5.5 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 50.6 % Partial Load (75%) 46.8 % Partial Load (50%) 39.3 % |
| IE Class Data (60 Hz) | IE Class IE2 Full Load (100%) 50.5 % Partial Load (75%) 45.5 % Partial Load (50%) 36.3 % |
| IM Class | IMB5 IM3001 |
| Input Voltage (U _{in}) | 400 V |
| Insulation Class | ICLF |
| Invoice Description | M3AA 63B 6 |
| IP Class | IP55 |
| Made To Order | No |
| Medium Description | 0.12kW, 6 Poles, Frame Size 63, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GAA063312-BSF) |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 6 |
| Order Multiple | 1 piece |
| Output Power | 0.12 kW |
| Package Level 1 Units | 0 carton |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Depth / Length | 208 mm |
| Product Net Height | 154 mm |
| Product Net Weight | 4.5 kg |
| Product Net Width | 124 mm |
| Product Type | 3AA2_M3AA_IE2_AA |
| Quote Only | No |
| Replaced Product ID (OLD) | 3GAA063312-BSE 3GVA063002-BSC 3GAA063002-BSC 3GAA063312-BSC 3GAA063002-BSE |
| Selling Unit of Measure | piece |
| Short Description | 0.12kW, 6P, Frame Size 63, 3PH, 400V, 50Hz, IP55, IMB5/IM3001 |
| Stocked At (Warehouses) | Menden, Germany Sant Quirze del Vallés - BCN, Spain Vittuone, Italy |
| Temperature Class Default | -- |
| Terminator Box Location | D-End top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| UNSPSC | 26101100 |
| Voltage Code | S |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

