
PRODUCT-DETAILS

3GAA102550-ASK

M3AA 100LE 4



General Information

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|----------------------|----------------|
| Product ID | 3GAA102550-ASK |
| ABB Type Designation | M3AA 100LE 4 |
| Catalog Description | M3AA 100LE 4 |

Additional Information

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|-----------------------|---|
| ABB Type Designation | M3AA 100LE 4 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6306-2Z/C3 |
| Bearing NDE | 6205-2Z/C3 |
| Country of Origin | China (CN) Finland (FI) Poland (PL) |
| Customs Tariff Number | 85015220 |
| Direction of Rotation | Both sides |
| Electrical Data | |

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y | -- | 50 Hz | 400 V | 2.20 kW | 1454 r/min | 4.30 A | 0.830 | 86.70 % | 14.50 N-m | 8.90 |
| D | -- | 50 Hz | 230 V | 2.20 kW | 1454 r/min | 7.40 A | 0.830 | 86.70 % | 14.50 N-m | 8.90 |
| Y | -- | 50 Hz | 380 V | 2.20 kW | 1448 r/min | 4.40 A | 0.840 | 86.70 % | 14.50 N-m | 8.10 |
| D | -- | 50 Hz | 220 V | 2.20 kW | 1448 r/min | 7.60 A | 0.840 | 86.70 % | 14.50 N-m | 8.10 |
| Y | -- | 50 Hz | 415 V | 2.20 kW | 1458 r/min | 4.10 A | 0.810 | 86.70 % | 14.50 N-m | 9.50 |
| Y | -- | 60 Hz | 460 V | 2.20 kW | 1760 r/min | 3.80 A | 0.810 | 89.50 % | 11.90 N-m | 10.20 |

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|---------------------------|---|
| Gross Weight | 41 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE3 Full Load (100%) 86.7 % Partial Load (75%) 87.0 % Partial Load (50%) 85.5 % |
| IE Class Data (60 Hz) | IE Class IE3 Full Load (100%) 89.5 % Partial Load (75%) 89.2 % Partial Load (50%) 87.4 % |
| IM Class | IMB3 IM1001 |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Invoice Description | M3AA 100LE 4 |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| 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 | 36 kg |
| Product Type | 3AA3__M3AA_IE3_AA |
| Quote Only | No |
| SCIP | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI) |
| Selling Unit of Measure | piece |
| 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 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

