
PRODUCT-DETAILS

3GAA091530-JDK

M3AA 90LC 2



General Information

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| Product ID | 3GAA091530-JDK |
| ABB Type Designation | M3AA 90LC 2 |
| Catalog Description | M3AA 90LC 2 |

Additional Information

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|-----------------------|------------------------------|
| ABB Type Designation | M3AA 90LC 2 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6205-2Z/C3 |
| Bearing NDE | 6204-2Z/C3 |
| Country of Origin | Finland (FI) Romania (RO) |
| 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 | 690 V | 2.20 kW | 2900 r/min | 2.30 A | 0.890 | 85.90 % | 7.20 N·m | 8.30 |
| D | -- | 50 Hz | 400 V | 2.20 kW | 2900 r/min | 4.00 A | 0.890 | 85.90 % | 7.20 N·m | 8.30 |
| Y | -- | 50 Hz | 660 V | 2.20 kW | 2884 r/min | 2.40 A | 0.900 | 85.90 % | 7.20 N·m | 7.50 |
| D | -- | 50 Hz | 380 V | 2.20 kW | 2884 r/min | 4.30 A | 0.900 | 85.90 % | 7.20 N·m | 7.50 |
| D | -- | 50 Hz | 415 V | 2.20 kW | 2910 r/min | 3.90 A | 0.880 | 85.90 % | 7.20 N·m | 8.90 |
| D | -- | 60 Hz | 460 V | 2.20 kW | 3517 r/min | 3.50 A | 0.880 | 86.50 % | 5.90 N·m | 9.90 |

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|-------------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight | 23 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE3 Full Load (100%) 85.9 % Partial Load (75%) 87.1 % Partial Load (50%) 86.9 % |
| IE Class Data (60 Hz) | IE Class IE3 Full Load (100%) 86.5 % Partial Load (75%) 87.1 % Partial Load (50%) 85.8 % |
| IM Class | IMB34 IM2101 |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Invoice Description | M3AA 90LC 2 |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 2 |
| Order Multiple | 1 piece |
| Package Level 1 Units | 0 carton |
| Pre Modified Motor Product ID | 3GAA091530-ADK |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 20 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 |
| Temperature Class Default | -- |
| Terminator Box Location | D-End top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| UNSPSC | 26101100 |
| Voltage Code | D |
| 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

