

PRODUCT-DETAILS

3GAA093540-BDK843

(3GAA093540-BDK843)



General Information

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| Product ID | 3GAA093540-BDK843 |
| ABB Type Designation | M3AA 90LD 6 |
| Catalog Description | (3GAA093540-BDK843) |

Ordering

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|----------------------------|-----------------------------|
| ABB Type Designation | M3AA 90LD 6 |
| Invoice Description | M3AA 90LD 6 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | 3AA3_M3AA_IE3_AA |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | Romania (RO) |
| Customs Tariff Number | 85015100 |
| Stocked At (Warehouses) | Menden, Germany |

Electrical

| Electrical Data | | | | | | | | | | | |
|---------------------------|------------|-------|---------|---------|-----------|---------|--------------|------------|----------|---|--|
| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN | |
| Y | -- | 50 Hz | 690 V | 0.75 kW | 937 r/min | 1.04 A | 0.750 | 78.90 % | 7.60 N·m | 4.80 | |
| D | -- | 50 Hz | 400 V | 0.75 kW | 938 r/min | 1.82 A | 0.740 | 78.90 % | 7.59 N·m | 4.80 | |
| Y | -- | 50 Hz | 660 V | 0.75 kW | 930 r/min | 1.07 A | 0.770 | 78.90 % | 7.66 N·m | 4.40 | |
| D | -- | 50 Hz | 380 V | 0.75 kW | 930 r/min | 1.85 A | 0.770 | 78.90 % | 7.66 N·m | 4.40 | |
| D | -- | 50 Hz | 415 V | 0.75 kW | 943 r/min | 1.79 A | 0.720 | 78.90 % | 7.55 N·m | 5.00 | |
| Temperature Class Default | | | | | | | | | | -- | |
| Altitude | | | | | | | | | | 1000 m | |
| Ambient Temperature | | | | | | | | | | 40 °C | |
| IC Class | | | | | | | | | | IC411 | |
| IE Class Data (50 Hz) | | | | | | | | | | IE Class IE3 Full Load (100%) 78.9 % Partial Load (75%) 79.0 % Partial Load (50%) 76.1 % | |
| IE Class Data (60 Hz) | | | | | | | | | | IE Class IE3 Full Load (100%) 82.5 % Partial Load (75%) 81.8 % Partial Load (50%) 78.3 % | |
| IP Class | | | | | | | | | | IP55 | |
| Insulation Class | | | | | | | | | | ICLF | |
| Direction of Rotation | | | | | | | | | | Both sides | |
| Number of Poles (High) | | | | | | | | | | 6 | |
| Two Speed Motor | | | | | | | | | | No | |
| Type of Duty | | | | | | | | | | S1 | |
| Voltage Code | | | | | | | | | | D | |

| | |
|-------------------------|-------------|
| Mechanical | |
| Frame Material | Aluminum |
| Frame Size | 90 |
| Bearing | 6205-2Z/C3 |
| Bearing NDE | 6204-2Z/C3 |
| IM Class | IMB5 IM3001 |
| Terminator Box Location | D-End top |

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| Dimensions | |
| Package Level 1 Units | 0 carton |
| Product Net Weight | 19 kg |
| Gross Weight | 22 kg |

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| Environmental | |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

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| Classifications | |
| UNSPSC | 26101100 |

Categories

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

