

## PRODUCT-DETAILS

# 3GAA092540-HPK

## M3AA 90LD 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA092540-HPK |
| ABB Type Designation | M3AA 90LD 4    |
| Catalog Description  | M3AA 90LD 4    |

### Additional Information

|                       |              |
|-----------------------|--------------|
| ABB Type Designation  | M3AA 90LD 4  |
| Altitude              | 1000 m       |
| Ambient Temperature   | 40 °C        |
| Bearing               | 6205-2Z/C3   |
| Bearing NDE           | 6204-2Z/C3   |
| Country of Origin     | Finland (FI) |
| 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 |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| D    | --         | 50 Hz | 200 V   | 1.50 kW | 1439 r/min | 6.50 A  | 0.780        | 85.30 %    | 9.90 N·m | 8.20  |
| D    | --         | 60 Hz | 230 V   | 1.50 kW | 1748 r/min | 5.80 A  | 0.750        | 86.50 %    | 8.10 N·m | 9.50  |

|              |       |
|--------------|-------|
| Gross Weight | 22 kg |
| IC Class     | IC411 |

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)            | IE Class IE3<br>Full Load (100%) 85.3 %<br>Partial Load (75%) 84.7 %<br>Partial Load (50%) 82.8 % |
| IE Class Data (60 Hz)            | IE Class IE3<br>Full Load (100%) 86.5 %<br>Partial Load (75%) 85.1 %<br>Partial Load (50%) 82.0 % |
| IM Class                         | IMB35 IM2001                                                                                      |
| IP Class                         | IP55                                                                                              |
| Insulation Class                 | ICLF                                                                                              |
| Invoice Description              | M3AA 90LD 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                                                                                          |
| Pre Modified Motor<br>Product ID | 3GAA092540-APK                                                                                    |
| Product Name                     | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight               | 19 kg                                                                                             |
| Product Type                     | 3AA3__M3AA_IE3_AA                                                                                 |
| Quote Only                       | No                                                                                                |
| SCIP                             | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)                                                 |
| Selling Unit of Measure          | piece                                                                                             |
| Temperature Class<br>Default     | --                                                                                                |
| Terminator Box Location          | D-End top                                                                                         |
| Two Speed Motor                  | No                                                                                                |
| Type of Duty                     | S1                                                                                                |
| UNSPSC                           | 26101100                                                                                          |
| Voltage Code                     | P                                                                                                 |
| 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



