

PRODUCT-DETAILS

# 3GAA091500-BSE053

## No Description Available



### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GAA091500-BSE053        |
| ABB Type Designation | M3AA 90L 2               |
| Catalog Description  | No Description Available |

### Additional Information

|                       |   |
|-----------------------|---|
| ABB Type Designation  | M3AA 90L 2                                |
| Altitude              | 1000 m                                    |
| Ambient Temperature   | 40 °C                                     |
| Bearing               | 6205-2Z/C3                                |
| Bearing NDE           | 6204-2Z/C3                                |
| Country of Origin     | Finland (FI)<br>China (CN)<br>Poland (PL) |
| Customs Tariff Number | 85015220                                  |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 400 V   | 1.50 kW | 2900 r/min | 2.90 A  | 0.860        | 84.10 %    | 4.90 N-m | 7.60  |
| D    | --         | 50 Hz | 230 V   | 1.50 kW | 2900 r/min | 5.04 A  | 0.860        | 84.10 %    | 4.90 N-m | 7.60  |
| Y    | --         | 60 Hz | 460 V   | 1.50 kW | 3510 r/min | 2.60 A  | 0.840        | 85.10 %    | 4.00 N-m | 8.40  |

|                                  |   |
|----------------------------------|---|
| Gross Weight                     | 19 kg   |
| IC Class                         | IC411   |
| IE Class Data (50 Hz)            | IE Class IE2<br>Full Load (100%) 84.1 %<br>Partial Load (75%) 85.0 %<br>Partial Load (50%) 83.5 % |
| IE Class Data (60 Hz)            | IE Class IE2<br>Full Load (100%) 85.1 %<br>Partial Load (75%) 85.0 %<br>Partial Load (50%) 82.9 % |
| IM Class                         | IMB5 IM3001   |
| IP Class                         | IP55  |
| Insulation Class                 | ICLF  |
| 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<br>Product ID | 3GAA091500-BSE  |
| Product Name                     | 3-Phase squirrel cage motor   |
| Product Net Weight               | 16 kg   |
| Product Type                     | 3AA2_M3AA_IE2_AA  |
| Quote Only                       | No  |
| Selling Unit of Measure          | piece   |
| Stocked At<br>(Warehouses)       | Menden, Germany   |
| Temperature Class<br>Default     | --  |
| Terminator Box Location          | Top   |
| Two Speed Motor                  | No  |
| Type of Duty                     | S1  |
| UNSPSC                           | 26101100  |
| Voltage Code                     | S   |

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## Categories

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



