

PRODUCT-DETAILS

# 3GAA091520-BFE

## M3AA 90LB 2



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA091520-BFE |
| ABB Type Designation | M3AA 90LB 2    |
| Catalog Description  | M3AA 90LB 2    |

### Additional Information

|                       |                             |
|-----------------------|-----------------------------|
| ABB Type Designation  | M3AA 90LB 2                 |
| Altitude              | 1000 m                      |
| Ambient Temperature   | 40 °C                       |
| Bearing               | 6205-2Z/C3                  |
| Bearing NDE           | 6204-2Z/C3                  |
| Country of Origin     | Finland (FI)<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 | 500 V   | 2.20 kW | 2875 r/min | 3.50 A  | 0.850        | 84.60 %    | 7.30 N-m | 6.90  |
| Y    | --         | 60 Hz | 575 V   | 2.20 kW | 3480 r/min | 3.00 A  | 0.850        | 85.80 %    | 6.00 N-m | 7.90  |

|                       |              |
|-----------------------|--------------|
| Gross Weight          | 21 kg        |
| IC Class              | IC411        |
| IE Class Data (50 Hz) | IE Class IE2 |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
|                           | Full Load (100%) 84.6 %<br>Partial Load (75%) 85.7 %<br>Partial Load (50%) 85.5 %                 |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 85.8 %<br>Partial Load (75%) 85.9 %<br>Partial Load (50%) 84.2 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M3AA 90LB 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                                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 18 kg                                                                                             |
| Product Type              | 3AA2__M3AA_IE2_AA                                                                                 |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GAA091313-BFE                                                                                    |
| SCIP                      | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | Top                                                                                               |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | F                                                                                                 |
| WEEE Category             | 5. Small Equipment (No External Dimension More Than 50 cm)                                        |

Categories

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



