

## PRODUCT-DETAILS

# 3GAA081213-ASEK1

## M2AA 80C 2



### General Information

|                      |                  |
|----------------------|------------------|
| Product ID           | 3GAA081213-ASEK1 |
| ABB Type Designation | M2AA 80C 2       |
| Catalog Description  | M2AA 80C 2       |

### Additional Information

|                       |                                          |
|-----------------------|------------------------------------------|
| ABB Type Designation  | M2AA 80C 2                               |
| Altitude              | 1000 m                                   |
| Ambient Temperature   | 40 °C                                    |
| Bearing               | 6204-2Z/C3                               |
| Bearing NDE           | 6203-2Z/C3                               |
| Country of Origin     | Poland (PL)<br>Sweden (SE)<br>China (CN) |
| Customs Tariff Number | 85015220                                 |
| Direction of Rotation | Both sides                               |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|
| D    | --         | 50 Hz | 230 V   | 1.10 kW | 2875 r/min | 4.20 A  | 0.800        | 80.60 %    |
| Y    | --         | 50 Hz | 400 V   | 1.10 kW | 2875 r/min | 2.40 A  | 0.800        | 80.60 %    |
| Y    | --         | 60 Hz | 460 V   | 1.10 kW | 3490 r/min | 2.10 A  | 0.780        | 82.60 %    |

Gross Weight

11 kg

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| IC Class                         | IC411                                                                                             |
| IE Class Data (50 Hz)            | IE Class IE2<br>Full Load (100%) 80.6 %<br>Partial Load (75%) 80.5 %<br>Partial Load (50%) 77.9 % |
| IE Class Data (60 Hz)            | IE Class IE2<br>Full Load (100%) 82.6 %<br>Partial Load (75%) 81.9 %<br>Partial Load (50%) 78.7 % |
| IM Class                         | IMB3 IM1001                                                                                       |
| IP Class                         | IP55                                                                                              |
| Insulation Class                 | ICLF                                                                                              |
| Invoice Description              | M2AA 80C 2                                                                                        |
| Lubrication                      | For life                                                                                          |
| Made To Order                    | No                                                                                                |
| Minimum Order Quantity           | 1 piece                                                                                           |
| Moment of Inertia                | 0.00120 kg/m <sup>3</sup>                                                                         |
| Number of Poles (High)           | 2                                                                                                 |
| Order Multiple                   | 1 piece                                                                                           |
| Package Level 1 Units            | 0 carton                                                                                          |
| Pre Modified Motor<br>Product ID | 3GAA081213-ASE                                                                                    |
| Product Name                     | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight               | 11 kg                                                                                             |
| Product Type                     | 2AA2__M2AA__IE2_AA                                                                                |
| Quote Only                       | No                                                                                                |
| Selling Unit of Measure          | piece                                                                                             |
| Sound dB (A)                     | 60 dB(A)                                                                                          |
| Standards                        | IEC 60034-1                                                                                       |
| Starting of Motor                | Direct Online                                                                                     |
| Stocked At<br>(Warehouses)       | Menden, Germany                                                                                   |
| Temperature Class<br>Default     | --                                                                                                |
| Terminator Box Location          | D-End top                                                                                         |
| Two Speed Motor                  | No                                                                                                |
| Type of Duty                     | S1                                                                                                |
| UNSPSC                           | 26101100                                                                                          |
| WEEE Category                    | 5. Small Equipment (No External Dimension More Than 50 cm)                                        |

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## Categories

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

