

## PRODUCT-DETAILS

# 3GAA082214-ADE

## M2AA 80D 4



### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA082214-ADE |
| ABB Type Designation | M2AA 80D 4     |
| Catalog Description  | M2AA 80D 4     |

### Additional Information

|                       |                            |
|-----------------------|----------------------------|
| ABB Type Designation  | M2AA 80D 4                 |
| Altitude              | 1000 m                     |
| Ambient Temperature   | 40 °C                      |
| Bearing               | 6204-2Z/C3                 |
| Bearing NDE           | 6203-2Z/C3                 |
| Country of Origin     | Italy (IT)<br>Romania (RO) |
| Customs Tariff Number | 85015100                   |

#### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| D    | --         | 50 Hz | 400 V   | 0.75 kW | 1415 r/min | 1.65 A  | 0.820        | 79.80 %    | 5.00 N·m | 5.90  |
| D    | --         | 60 Hz | 460 V   | 0.75 kW | 1730 r/min | 1.62 A  | 0.700        | 82.60 %    | 4.10 N·m | 7.00  |

|                       |              |
|-----------------------|--------------|
| Gross Weight          | 15 kg        |
| IC Class              | IC411        |
| IE Class Data (50 Hz) | IE Class IE2 |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
|                              | Full Load (100%) 79.8 %<br>Partial Load (75%) 81.3 %<br>Partial Load (50%) 79.9 %                 |
| IE Class Data (60 Hz)        | IE Class IE2<br>Full Load (100%) 82.6 %<br>Partial Load (75%) 82.5 %<br>Partial Load (50%) 79.8 % |
| IM Class                     | IMB3 IM1001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Invoice Description          | M2AA 80D 4                                                                                        |
| Lubrication                  | For life                                                                                          |
| Made To Order                | No                                                                                                |
| Minimum Order Quantity       | 1 piece                                                                                           |
| Moment of Inertia            | 0.00160 kg/m³                                                                                     |
| Number of Poles (High)       | 4                                                                                                 |
| Package Level 1 Units        | 1 carton                                                                                          |
| Product Name                 | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight           | 12 kg                                                                                             |
| Product Type                 | 2AA2__M2AA__IE2_AA                                                                                |
| Quote Only                   | No                                                                                                |
| Selling Unit of Measure      | piece                                                                                             |
| Sound dB (A)                 | 50 dB(A)                                                                                          |
| Standards                    | IEC 60034-1                                                                                       |
| Starting of Motor            | Direct Online                                                                                     |
| Temperature Class<br>Default | --                                                                                                |
| Two Speed Motor              | No                                                                                                |
| Type of Duty                 | S1                                                                                                |
| UNSPSC                       | 26101100                                                                                          |
| Voltage Code                 | D                                                                                                 |

Categories

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



