

## PRODUCT-DETAILS

# 3GAA082215-BSE

M2AA 80E 4 0.75KW V400Y 50HZ B5 IE2



## General Information

|                      |                                     |
|----------------------|-------------------------------------|
| Product ID           | 3GAA082215-BSE                      |
| ABB Type Designation | M2AA 80E 4                          |
| Catalog Description  | M2AA 80E 4 0.75KW V400Y 50HZ B5 IE2 |

## Additional Information

|                       |            |
|-----------------------|------------|
| ABB Type Designation  | M2AA 80E 4 |
| Altitude              | 1000 m     |
| Ambient Temperature   | 40 °C      |
| Bearing               | 6204-2Z/C3 |
| Bearing NDE           | 6203-2Z/C3 |
| Country of Origin     | China (CN) |
| Customs Tariff Number | 85015100   |

### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 60 Hz | 460 V   | 0.75 kW | 1735 r/min | 1.69 A  | 0.680        | 81.50 %    | 4.10 N·m | 7.50  |
| Y    | --         | 50 Hz | 400 V   | 0.75 kW | 1425 r/min | 1.88 A  | 0.720        | 79.80 %    | 5.00 N·m | 6.60  |
| D    | --         | 50 Hz | 230 V   | 0.75 kW | 1425 r/min | 3.27 A  | 0.720        | 79.80 %    | 5.00 N·m | 6.60  |

|              |       |
|--------------|-------|
| Gross Weight | 18 kg |
| IC Class     | IC411 |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)     | IE Class IE2<br>Full Load (100%) 79.8 %<br>Partial Load (75%) 80.4 %<br>Partial Load (50%) 77.9 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 81.5 %<br>Partial Load (75%) 80.9 %<br>Partial Load (50%) 77.5 % |
| IM Class                  | IMB5 IM3001                                                                                       |
| IP Class                  | IP55                                                                                              |
| Insulation Class          | ICLF                                                                                              |
| Invoice Description       | M2AA 80E 4 0.75KW V400Y 50HZ B5 IE2                                                               |
| Lubrication               | For life                                                                                          |
| Made To Order             | No                                                                                                |
| Minimum Order Quantity    | 1 piece                                                                                           |
| Moment of Inertia         | 0.00160 kg/m³                                                                                     |
| Number of Poles (High)    | 4                                                                                                 |
| Order Multiple            | 1 piece                                                                                           |
| Package Level 1 Units     | 0 carton                                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        | 15 kg                                                                                             |
| Product Type              | 2AA2__M2AA__IE2_AA                                                                                |
| Quote Only                | No                                                                                                |
| Replaced Product ID (OLD) | 3GAA082214-BSE                                                                                    |
| Selling Unit of Measure   | piece                                                                                             |
| Sound dB (A)              | 50 dB(A)                                                                                          |
| Standards                 | IEC 60034-1                                                                                       |
| Starting of Motor         | Direct Online                                                                                     |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | Top                                                                                               |
| Two Speed Motor           | No                                                                                                |
| Type of Duty              | S1                                                                                                |
| UNSPSC                    | 26101100                                                                                          |
| Voltage Code              | S                                                                                                 |
| WEEE Category             | 5. Small Equipment (No External Dimension More Than 50 cm)                                        |

Categories

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



