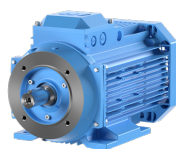


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PRODUCT-DETAILS

# 3GAA082350-ASK

## M3AA 80ME 4



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### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GAA082350-ASK |
| ABB Type Designation | M3AA 80ME 4    |
| Catalog Description  | M3AA 80ME 4    |

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### Additional Information

|                       |   |
|-----------------------|---|
| ABB Type Designation  | M3AA 80ME 4                               |
| Altitude              | 1000 m                                    |
| Ambient Temperature   | 40 °C                                     |
| Bearing               | 6204-2Z/C3                                |
| Bearing NDE           | 6203-2Z/C3                                |
| Country of Origin     | China (CN)<br>Finland (FI)<br>Poland (PL) |
| Customs Tariff Number | 85015100                                  |
| Direction of Rotation | Both sides                                |
| Electrical Data       |   |

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y    | --         | 50 Hz | 400 V   | 0.75 kW | 1440 r/min | 1.68 A  | 0.760        | 82.60 %    | 4.90 N·m | 7.90  |
| D    | --         | 50 Hz | 230 V   | 0.75 kW | 1440 r/min | 2.92 A  | 0.760        | 82.50 %    | 4.90 N·m | 7.90  |
| Y    | --         | 50 Hz | 380 V   | 0.75 kW | 1431 r/min | 1.70 A  | 0.800        | 82.50 %    | 5.00 N·m | 7.40  |
| D    | --         | 50 Hz | 220 V   | 0.75 kW | 1431 r/min | 2.93 A  | 0.800        | 82.50 %    | 5.00 N·m | 7.40  |
| Y    | --         | 50 Hz | 415 V   | 0.75 kW | 1445 r/min | 1.67 A  | 0.740        | 82.50 %    | 4.90 N·m | 8.30  |
| Y    | --         | 60 Hz | 460 V   | 0.75 kW | 1748 r/min | 1.48 A  | 0.740        | 85.50 %    | 4.00 N·m | 9.50  |

|                           |   |
|---------------------------|---|
| Gross Weight              | 16.5 kg   |
| IC Class                  | IC411   |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 82.5 %<br>Partial Load (75%) 82.1 %<br>Partial Load (50%) 79.4 % |
| IE Class Data (60 Hz)     | IE Class IE4<br>Full Load (100%) 85.5 %<br>Partial Load (75%) 84.4 %<br>Partial Load (50%) 81.6 % |
| IM Class                  | IMB3 IM1001   |
| IP Class                  | IP55  |
| Insulation Class          | ICLF  |
| Invoice Description       | M3AA 80ME 4   |
| Made To Order             | No  |
| Minimum Order Quantity    | 1 piece   |
| 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        | 13.5 kg   |
| Product Type              | 3AA3__M3AA_IE3_AA   |
| Quote Only                | No  |
| SCIP                      | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)   |
| Selling Unit of Measure   | piece   |
| Stocked At (Warehouses)   | Menden, Germany<br>Sant Quirze del Vallés - BCN, Spain<br>Vittuone, Italy                         |
| Temperature Class Default | --  |
| Terminator Box Location   | D-End 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 → Process Performance Motors → IE3 Premium Efficiency Aluminum Motors

