



PRODUCT-DETAILS

3GAA082340-ASNIN
M2AAX 80MD4

General Information

| | |
|----------------------|------------------|
| Product ID | 3GAA082340-ASNIN |
| ABB Type Designation | M2AAX 80MD4 |
| Catalog Description | M2AAX 80MD4 |

Ordering

| | |
|-------------------------|-----------------------------|
| ABB Type Designation | M2AAX 80MD4 |
| Invoice Description | M2AAX 80MD4 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | IAA3 M2AAX IE3 |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | India (IN) |
| Customs Tariff Number | 85015100 |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|----------|-------|
| Y | -- | 50 Hz | 415 V | 0.75 kW | 1445 r/min | 2.05 A | 0.700 | 82.50 % | 5.00 N·m | 4.50 |

| | |
|------------------------|---|
| Temperature Class | -- |
| Default | |
| Altitude | 1000 m |
| Ambient Temperature | 50 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE3 Full Load (100%) 82.5 % Partial Load (75%) 81.1 % Partial Load (50%) 77.1 % |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Direction of Rotation | Both sides |
| Number of Poles (High) | 4 |
| Two Speed Motor | No |
| Type of Duty | S1 |

Voltage Code S

Mechanical

| | |
|-------------------------|-------------|
| Frame Material | Aluminum |
| Frame Size | 80 |
| Bearing | 6204-2Z/C3 |
| Bearing NDE | 6203-2Z/C3 |
| IM Class | IMB3 IM1001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Weight | 14 kg |
| Gross Weight | 17 kg |

Classifications

| | |
|--------|----------|
| UNSPSC | 26101100 |
|--------|----------|

Categories

Motors and Generators → IEC Low Voltage AC Motors → General Performance Motors → IE3 Premium Efficiency Aluminum Motors