



PRODUCT-DETAILS

3GAA083001-ASE

M2AA 80A 6

General Information

| | |
|----------------------|----------------|
| Product ID | 3GAA083001-ASE |
| ABB Type Designation | M2AA 80A 6 |
| Catalog Description | M2AA 80A 6 |

Additional Information

| | |
|-----------------------|---|
| ABB Type Designation | M2AA 80A 6 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6204-2Z/C3 |
| Bearing NDE | 6203-2Z/C3 |
| Country of Origin | Poland (PL) Romania (RO) China (CN) |
| Customs Tariff Number | 85015100 |

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Efficiency Factor | Torque | IS/IN |
|------|------------|-------|---------|---------|------------|---------|-------------------------|----------|-------|
| Y | -- | 50 Hz | 400 V | 0.37 kW | 905 r/min | 1.07 A | 0.730 68.00 % | 3.90 N·m | 3.60 |
| Y | -- | 60 Hz | 460 V | 0.37 kW | 1125 r/min | 0.91 A | 0.690 73.40 % | 3.10 N·m | 4.30 |
| D | -- | 50 Hz | 230 V | 0.37 kW | 905 r/min | 1.87 A | 0.730 68.00 % | 3.80 N·m | 3.60 |

| | |
|------------------------|---|
| Gross Weight | 12 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 68.0 % Partial Load (75%) 70.7 % Partial Load (50%) 68.3 % |
| IE Class Data (60 Hz) | IE Class IE2 Full Load (100%) 73.4 % Partial Load (75%) 73.5 % Partial Load (50%) 69.8 % |
| IM Class | IMB3 IM1001 |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Invoice Description | M2AA 80A 6 |
| Lubrication | For life |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Moment of Inertia | 0.00200 kg/m ³ |

| | |
|---------------------------|---|
| Number of Poles (High) | 6 |
| Package Level 1 Units | 1 carton |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Weight | 9 kg |
| Product Type | 2AA2__M2AA__IE2_AA |
| Quote Only | No |
| Replaced Product ID (OLD) | 3GAA083001-ASV 3GVA083001-ASA 3GAA083001-ASC 3GAA083001-ASA 3GVA083001-ASAS 3GAA083061-ASA 3GVA083001-ASB |
| Selling Unit of Measure | piece |
| Sound dB (A) | 47 dB(A) |
| Standards | IEC 60034-1 |
| Starting of Motor | Direct Online |
| Stocked At (Warehouses) | Central Stock Europe Central Stock Spain |
| Temperature Class Default | -- |
| Terminator Box Location | Top |
| Two Speed Motor | No |
| Type of Duty | S1 |
| Voltage Code | S |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |