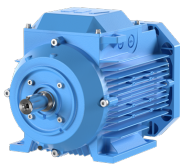


PRODUCT-DETAILS

3GAL102527-CSB
M3AL 100LB 4



| General Information | |
|----------------------|----------------|
| Product ID | 3GAL102527-CSB |
| ABB Type Designation | M3AL 100LB 4 |
| Catalog Description | M3AL 100LB 4 |

| Ordering | |
|-------------------------|-------------------------------------|
| ABB Type Designation | M3AL 100LB 4 |
| Invoice Description | M3AL 100LB 4 |
| Product Name | 3Phase Synchronous reluctance motor |
| Product Type | 3AL0__M3AL_SynRM_AA |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | Sweden (SE) |
| Customs Tariff Number | 85015220 |

| Electrical | |
|-----------------|--|
| Electrical Data | |

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque |
|---------------------------|------------|-------|---------|---------|------------|---------|--------------|------------|---|
| Y | -- | 50 Hz | 400 V | 7.50 kW | 3000 r/min | 16.90 A | 0.750 | 90.10 % | 23.90 N·m |
| Temperature Class Default | | | | | | | | | -- |
| Altitude | | | | | | | | | 1000 m |
| Ambient Temperature | | | | | | | | | 40 °C |
| IC Class | | | | | | | | | IC411 |
| IE Class Data (50 Hz) | | | | | | | | | IE Class IE3 Full Load (100%) 90.1 % Partial Load (75%) 89.3 % Partial Load (50%) 86.8 % |
| IP Class | | | | | | | | | IP55 |
| Insulation Class | | | | | | | | | ICLF |
| Direction of Rotation | | | | | | | | | Both sides |
| Number of Poles (High) | | | | | | | | | 4 |
| Two Speed Motor | | | | | | | | | No |
| Type of Duty | | | | | | | | | S9 |
| Voltage Code | | | | | | | | | S |

Mechanical

| | |
|-------------------------|--------------|
| Frame Material | Aluminum |
| Frame Size | 100 |
| Bearing | 6206-2Z/C3 |
| Bearing NDE | 6205-2Z/C3 |
| IM Class | IMB14 IM3601 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|----------|
| Package Level 1 Units | 0 carton |
| Product Net Weight | 23 kg |
| Gross Weight | 28 kg |

Environmental

| | |
|---------------|--|
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
|---------------|--|

Classifications

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

Categories

Motors and Generators → IEC Low Voltage AC Motors → Synchronous Reluctance Motors → High Output SynRM Motors

