

PRODUCT-DETAILS

3GAA222210-ADG
(3GAA222210-ADG)



| General Information | |
|----------------------|------------------|
| Product ID | 3GAA222210-ADG |
| ABB Type Designation | M3AA 225SMA 4 |
| Catalog Description | (3GAA222210-ADG) |

| Ordering | |
|---------------------------|---|
| ABB Type Designation | M3AA 225SMA 4 |
| Invoice Description | M3AA 225SMA 4 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | 3AA2_M3AA_IE2_AA |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | Spain (ES) Finland (FI) Poland (PL) |
| Customs Tariff Number | 85015230 |
| Replaced Product ID (OLD) | 3GAA222031-ADG |
| Stocked At | Menden, Germany |

(Warehouses)

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|------------|-------|
| Y | -- | 50 Hz | 690 V | 37.00 kW | 1479 r/min | 39.40 A | 0.840 | 93.40 % | 238.00 N·m | 7.10 |
| D | -- | 50 Hz | 400 V | 37.00 kW | 1479 r/min | 68.00 A | 0.840 | 93.40 % | 238.00 N·m | 7.10 |
| D | -- | 50 Hz | 415 V | 37.00 kW | 1481 r/min | 68.00 A | 0.810 | 93.40 % | 238.00 N·m | 7.30 |
| D | -- | 60 Hz | 440 V | 37.00 kW | 1780 r/min | 60.40 A | 0.860 | 93.40 % | 198.00 N·m | 7.50 |
| D | -- | 60 Hz | 460 V | 37.00 kW | 1782 r/min | 59.00 A | 0.840 | 93.60 % | 198.00 N·m | 8.10 |

| | |
|------------------------|---|
| Temperature Class | -- |
| Default | |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 93.4 % Partial Load (75%) 93.8 % Partial Load (50%) 93.1 % |
| IE Class Data (60 Hz) | IE Class IE2 Full Load (100%) 93.4 % Partial Load (75%) 93.6 % Partial Load (50%) 92.6 % |
| 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 | D |

Mechanical

| | |
|-------------------------|-------------|
| Frame Material | Aluminum |
| Frame Size | 225 |
| Bearing | 6313-2Z/C3 |
| Bearing NDE | 6212-2Z/C3 |
| IM Class | IMB3 IM1001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|-----------------|
| Package Level 1 Units | 0 pallet (lift) |
| Product Net Weight | 240 kg |
| Gross Weight | 250 kg |

| Environmental | |
|---------------|---|
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |
| SCIP | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI) |

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

| Categories | |
|--|--|
| Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors | |

