



PRODUCT-DETAILS

3GET222731-ADB**M3ET 225C 4****General Information**

| | |
|----------------------|----------------|
| Product ID | 3GET222731-ADB |
| ABB Type Designation | M3ET 225C 4 |
| Catalog Description | M3ET 225C 4 |

Ordering

| | |
|-------------------------|---------------------------------|
| ABB Type Designation | M3ET 225C 4 |
| Invoice Description | M3ET 225C 4 |
| Product Name | High dynamic performance motors |
| Product Type | 3ETB__M3ET__HDP__IP55_ |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | Finland (FI) China (CN) |
| Customs Tariff Number | 85015381 |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | Operational Voltage |
|------|------------|-------|---------|-----------|------------|----------|--------------|------------|-------------|---------------------|
| D | -- | 50 Hz | 400 V | 108.00 kW | 1000 r/min | 194.00 A | 0.900 | 93.60 % | 1032.00 N-m | 382 V |
| D | -- | 60 Hz | 460 V | 116.00 kW | 1150 r/min | 182.00 A | 0.890 | 93.80 % | 963.00 N-m | 441 V |

| | |
|---------------------------|---|
| Temperature Class Default | -- |
| Motor Operational Voltage | 382 V |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC416 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 93.6 % Partial Load (75%) 94.3 % Partial Load (50%) 94.9 % |
| IE Class Data (60 Hz) | IE Class IE2 Full Load (100%) 93.8 % Partial Load (75%) 94.4 % Partial Load (50%) 94.5 % |
| IP Class | IP55 |
| Insulation Class | ICLH |
| Direction of Rotation | Both sides |
| Number of Poles (High) | 4 |
| Two Speed Motor | No |
| Type of Duty | S9 |
| Voltage Code | D |

Mechanical

| | |
|-------------------------|----------------|
| Frame Material | Welded Steel |
| Frame Size | 225 |
| Bearing | 6319/C3 |
| Bearing NDE | 6316/C3 VL0241 |
| IM Class | IMB3 IM1001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|-----------------|
| Package Level 1 Units | 0 pallet (lift) |
| Product Net Weight | 1030 kg |
| Gross Weight | 1040 kg |

Environmental

| | |
|---------------|---|
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |
|---------------|---|

Classifications

Categories

Motors and Generators → IEC Low Voltage AC Motors → High Dynamic Performance Motors → HDP Induction Motors

