

PRODUCT-DETAILS

# MTE22145W0AAAA0001

## M3BP225SMA2G - Pn: 60 cv, 45 kW - 2P - Frame 225 - M3BP 225SM - Mounting B3T

### General Information

|                         |  |
|-------------------------|--|
| Global Commercial Alias | MTE22145W0AAAA0001   |
| Product ID              | MTE22145W0AAAA0001   |
| ABB Type Designation    | M3BP225SMA2G   |
| Catalog Description     | M3BP225SMA2G - Pn: 60 cv, 45 kW - 2P - Frame 225 - M3BP 225SM - Mounting B3T |

### Ordering

|                         |  |
|-------------------------|--|
| ABB Type Designation    | M3BP225SMA2G   |
| Invoice Description     | M3BP225SMA2G - Pn: 60 cv, 45 kW - 2P - Frame 225 - M3BP 225SM - Mounting B3T |
| Product Name            | Low Voltage Motor  |
| Product Type            | 3BP3__M3BP_IE3_CI  |
| Made To Order           | No   |
| Minimum Order Quantity  | 1 piece  |
| Order Multiple          | 1 piece  |
| Selling Unit of Measure | piece  |
| Country of Origin       | Switzerland (CH)   |
| Customs Tariff Number   | 85015310   |
| Stocked At (Warehouses) | Bairro Santo Antonio, Brazil   |

### Electrical

Electrical Data













**Conn**

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|                        |   |
|------------------------|---|
| Altitude               | 1000 m  |
| Ambient Temperature    | 40 °C   |
| IC Class               | IC411   |
| IE Class Data (60 Hz)  | IE Class IE3<br>Full Load (100%) 80.5 %<br>Partial Load (75%) 79.5 %<br>Partial Load (50%) 76.2 % |
| IP Class               | IP55  |
| Insulation Class       | ICLF  |
| Direction of Rotation  | Both sides  |
| Number of Poles (High) | 2   |
| Two Speed Motor        | No  |
| Type of Duty           | S1  |
| Voltage Code           | S   |

**Mechanical**

|                         |             |
|-------------------------|-------------|
| Frame Material          | Cast Iron   |
| Frame Size              | 225         |
| Bearing                 | 6313/C3     |
| Bearing NDE             | 6212/C3     |
| IM Class                | IMV3 IM3031 |
| Terminator Box Location | D-End top   |

**Dimensions**

|                            |         |
|----------------------------|---------|
| Product Net Depth / Length | 1000 mm |
| Product Net Height         | 1000 mm |
| Product Net Width          | 1000 mm |
| Product Net Weight         | 347 kg  |
| Gross Weight               | 0 kg    |



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**Temp Class**

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**Freq**

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**Voltage**

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**Power**

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**Speed**

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**Current**

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**Power Factor**

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**Efficiency**

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**Torque**

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**IS/IN**

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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IR3 Premium Efficiency Motors