



 PRODUCT-DETAILS

3GJA223220-ADCIN

M2JAP 225SMB 6

General Information

| | |
|----------------------|------------------|
| Product ID | 3GJA223220-ADCIN |
| ABB Type Designation | M2JAP 225SMB 6 |
| Catalog Description | M2JAP 225SMB 6 |

Ordering

| | |
|-------------------------|--------------------------------------|
| ABB Type Designation | M2JAP 225SMB 6 |
| Invoice Description | M2JAP 225SMB 6 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | IJA2__M2JAP_IE2_Flameproof_Ext_motor |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | India (IN) |
| Customs Tariff Number | 85015230 |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|----------|-----------|---------|--------------|------------|------------|-------|
| D | T4 | 50 Hz | 415 V | 30.00 kW | 986 r/min | 58.00 A | 0.800 | 92.20 % | 291.00 N-m | 7.80 |

| | |
|-----------------------|--|
| Temperature Class | T4 |
| Default | |
| Altitude | 1000 m |
| Ambient Temperature | 50 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE2 Full Load (100%) 92.2 % Partial Load (75%) 92.4 % |

Partial Load (50%) 91.6 %

| | |
|------------------------|------------|
| IP Class | IP55 |
| Insulation Class | ICLF |
| Direction of Rotation | Both sides |
| Number of Poles (High) | 6 |
| Two Speed Motor | No |
| Type of Duty | S1 |
| Voltage Code | D |
| EX-Protection | Exdb |
| Gas Group | IIB |

Mechanical

| | |
|-------------------------|-------------|
| Frame Material | Cast Iron |
| Frame Size | 225 |
| Bearing | 6313-2Z/C3 |
| Bearing NDE | 6312-2Z/C3 |
| IM Class | IMB3 IM1001 |
| Terminator Box Location | D-End top |

Dimensions

| | |
|-----------------------|-----------------|
| Package Level 1 Units | 0 pallet (lift) |
| Product Net Weight | 385 kg |
| Gross Weight | 395 kg |

Classifications

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

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → General Performance
Flameproof IE2 LV Motors