



 PRODUCT-DETAILS

3GAA228226-BDG

(3GAA228226-BDG)



General Information

| | |
|----------------------|------------------|
| Product ID | 3GAA228226-BDG |
| ABB Type Designation | M3AA 225SMB 6/8 |
| Catalog Description | (3GAA228226-BDG) |

Ordering

| | |
|---------------------------|-----------------------------|
| ABB Type Designation | M3AA 225SMB 6/8 |
| Invoice Description | M3AA 225SMB 6/8 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | 3AA2_M3AA_IE2_AA |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | Finland (FI) Sweden (SE) |
| Customs Tariff Number | 85015230 |
| Replaced Product ID (OLD) | 3GAA228236-BDG |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | tE | IS/IN |
|------|------------|-------|---------|----------|-----------|---------|--------------|------------|------------|----|-------|
| D | -- | 50 Hz | 400 V | 32.00 kW | 988 r/min | 64.90 A | 0.790 | 90.00 % | 309.00 N·m | 0 | 7.10 |
| D | -- | 50 Hz | 400 V | 14.00 kW | 742 r/min | 33.10 A | 0.720 | 84.70 % | 180.00 N·m | 0 | 6.50 |

| | |
|---------------------------|--|
| Temperature Class Default | -- |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class NA Full Load (100%) 84.7 % Partial Load (75%) 85.3 % Partial Load (50%) 83.6 % |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Direction of Rotation | Both sides |
| Number of Poles (High) | 6 |
| Two Speed Motor | Yes |
| 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 | IMB5 IM3001 |
| Terminator Box Location | Top |

Dimensions

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|-----------------------|-----------------|
| Package Level 1 Units | 0 pallet (lift) |
| Product Net Weight | 300 kg |
| Gross Weight | 310 kg |

Environmental

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

Classifications

| | |
|-----------|-------------|
| Standards | IEC 60034-1 |
| UNSPSC | 26101100 |

Categories

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

