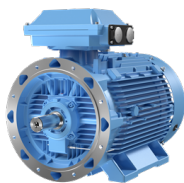




PRODUCT-DETAILS

3GKP289221-BDG

Flameproof IE2 High Efficiency LV Motors, 65 kW, (3GKP289221-BDG)

**General Information**

| | |
|----------------------|---|
| Product ID | 3GKP289221-BDG |
| ABB Type Designation | M3KP 280SMB 2/4 |
| Catalog Description | Flameproof IE2 High Efficiency LV Motors, 65 kW, (3GKP289221-BDG) |

Ordering

| | |
|-------------------------|--------------------------------------|
| ABB Type Designation | M3KP 280SMB 2/4 |
| Invoice Description | M3KP 280SMB 2/4 |
| Product Name | 3-Phase squirrel cage motor |
| Product Type | 3KP2__M3KP_IE2_Flameproof_Exde_motor |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Selling Unit of Measure | piece |
| Country of Origin | Finland (FI) |
| Customs Tariff Number | 85015230 |

Electrical

Electrical Data

| Conn | Temp Class | Freq | Voltage | Power | Speed |
|------|------------|-------|---------|----------|------------|
| D | T4 | 50 Hz | 400 V | 65.00 kW | 3000 r/min |
| D | T4 | 50 Hz | 400 V | 33.00 kW | 1500 r/min |

| | |
|---------------------------|--------|
| Temperature Class Default | T4 |
| Output Power | 65 kW |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| IC Class | IC411 |
| IP Class | IP55 |
| Insulation Class | ICLF |
| Number of Poles (High) | 2 |
| Two Speed Motor | Yes |
| Type of Duty | S1 |
| Voltage Code | D |
| EX-Protection | Exdbeb |
| Gas Group | IIB |

Mechanical

| | |
|----------------|-------------|
| Frame Material | Cast Iron |
| Frame Size | 280 |
| Bearing | 6316/C3 |
| Bearing NDE | 6316/C3 |
| IM Class | IMB5 IM3001 |

Dimensions

| | |
|-----------------------|-----------------|
| Package Level 1 Units | 1 pallet (lift) |
| Product Net Weight | 685 kg |
| Gross Weight | 705 kg |

Environmental

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

Classifications

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

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE2 High Efficiency LV Motors

