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PRODUCT-DETAILS

# 3GKP102810-BDK

## No Description Available



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### General Information

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|----------------------|--------------------------|
| Product ID           | 3GKP102810-BDK           |
| ABB Type Designation | M3KP 100LKA 4            |
| Catalog Description  | No Description Available |

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### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3KP 100LKA 4 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6206-2Z/C3    |
| Bearing NDE           | 6205-2Z/C3    |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015220      |
| Direction of Rotation | Both sides    |
| EX-Protection         | Exdbeb        |
| Electrical Data       |               |

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|------------|-----------|-------|
| Y    | T4         | 50 Hz | 690 V   | 2.20 kW | 1452 r/min | 2.40 A  | 0.830        | 89.40 %    | 14.46 N-m | 8.90  |
| D    | T4         | 50 Hz | 400 V   | 2.20 kW | 1452 r/min | 4.20 A  | 0.830        | 89.40 %    | 14.46 N-m | 8.90  |
| Y    | T4         | 50 Hz | 660 V   | 2.20 kW | 1445 r/min | 2.50 A  | 0.840        | 88.80 %    | 14.46 N-m | 8.10  |
| D    | T4         | 50 Hz | 380 V   | 2.20 kW | 1445 r/min | 4.40 A  | 0.840        | 88.80 %    | 14.46 N-m | 8.10  |
| D    | T4         | 50 Hz | 415 V   | 2.20 kW | 1455 r/min | 4.10 A  | 0.820        | 89.40 %    | 14.46 N-m | 9.50  |
| D    | T4         | 60 Hz | 460 V   | 2.20 kW | 1761 r/min | 3.70 A  | 0.820        | 89.90 %    | 11.92 N-m | 8.60  |

|                           |   |
|---------------------------|---|
| Gas Group                 | IIB   |
| Gross Weight              | 75 kg   |
| IC Class                  | IC411   |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 88.8 %<br>Partial Load (75%) 90.1 %<br>Partial Load (50%) 90.3 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 89.9 %<br>Partial Load (75%) 90.2 %<br>Partial Load (50%) 89.2 % |
| IM Class                  | IMB5 IM3001   |
| IP Class                  | IP55  |
| Insulation Class          | ICLF  |
| Made To Order             | No  |
| Minimum Order Quantity    | 1 piece   |
| Number of Poles (High)    | 4   |
| Order Multiple            | 1 piece   |
| Package Level 1 Units     | 0 carton  |
| Product Name              | 3-Phase squirrel cage motor   |
| Product Net Weight        | 70 kg   |
| Product Type              | 3KP3_M3KP_IE3_Flameproof_Exde_motor   |
| Quote Only                | No  |
| Replaced Product ID (OLD) | 3GKP102510-BDL  |
| Selling Unit of Measure   | piece   |
| Temperature Class Default | T4  |
| Terminator Box Location   | D-End top   |
| Two Speed Motor           | No  |
| Type of Duty              | S1  |
| UNSPSC                    | 26101100  |
| Voltage Code              | D   |
| WEEE Category             | 5. Small Equipment (No External Dimension More Than 50 cm)  |

## Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE3 Premium Efficiency LV Motors

