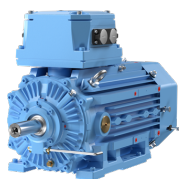


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PRODUCT-DETAILS

# 3GKP162420-ADK

## M3KP 160MLB 4



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### General Information

|                      |                |
|----------------------|----------------|
| Product ID           | 3GKP162420-ADK |
| ABB Type Designation | M3KP 160MLB 4  |
| Catalog Description  | M3KP 160MLB 4  |

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### Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3KP 160MLB 4 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6309/C3       |
| Bearing NDE           | 6309/C3       |
| Country of Origin     | Finland (FI)  |
| Customs Tariff Number | 85015230      |
| Direction of Rotation | Both sides    |
| EX-Protection         | Exde          |
| Electrical Data       |               |

| Conn | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor | Efficiency | Torque    | IS/IN |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|-------|
| Y    | T4         | 50 Hz | 690 V   | 15.00 kW | 1474 r/min | 16.10 A | 0.840        | 92.60 %    | 97.10 N·m | 7.90  |
| D    | T4         | 50 Hz | 400 V   | 15.00 kW | 1474 r/min | 27.80 A | 0.840        | 92.60 %    | 97.10 N·m | 7.90  |
| Y    | T4         | 50 Hz | 660 V   | 15.00 kW | 1471 r/min | 17.00 A | 0.850        | 92.20 %    | 97.10 N·m | 7.10  |
| D    | T4         | 50 Hz | 380 V   | 15.00 kW | 1471 r/min | 29.00 A | 0.850        | 92.20 %    | 97.10 N·m | 7.10  |
| D    | T4         | 50 Hz | 415 V   | 15.00 kW | 1477 r/min | 27.00 A | 0.830        | 92.70 %    | 97.10 N·m | 8.40  |
| D    | T4         | 60 Hz | 460 V   | 15.00 kW | 1778 r/min | 24.30 A | 0.830        | 93.10 %    | 80.50 N·m | 8.90  |

|                           |   |
|---------------------------|---|
| Gas Group                 | IIB   |
| Gross Weight              | 263 kg  |
| IC Class                  | IC411   |
| IE Class Data (50 Hz)     | IE Class IE3<br>Full Load (100%) 92.2 %<br>Partial Load (75%) 93.3 %<br>Partial Load (50%) 93.4 % |
| IE Class Data (60 Hz)     | IE Class IE3<br>Full Load (100%) 93.0 %<br>Partial Load (75%) 93.3 %<br>Partial Load (50%) 92.5 % |
| IM Class                  | IMB3 IM1001   |
| IP Class                  | IP55  |
| Insulation Class          | ICLF  |
| Invoice Description       | M3KP 160MLB 4   |
| Made To Order             | No  |
| Minimum Order Quantity    | 1 piece   |
| Number of Poles (High)    | 4   |
| Order Multiple            | 1 piece   |
| Package Level 1 Units     | 0 pallet (lift)   |
| Product Name              | 3-Phase squirrel cage motor   |
| Product Net Weight        | 253 kg  |
| Product Type              | 3KP3_M3KP_IE3_Flameproof_Exde_motor   |
| Quote Only                | No  |
| Selling Unit of Measure   | piece   |
| Standards                 | IEC 60034-1   |
| Temperature Class Default | T4  |
| Terminator Box Location   | Top   |
| Two Speed Motor           | No  |
| Type of Duty              | S1  |
| Voltage Code              | D   |
| WEEE Category             | 4. Large Equipment (Any External Dimension More Than 50 cm)                                       |

## Categories

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

