

PRODUCT-DETAILS

3GBP162410-BDK

IE3 Premium Efficiency Cast Iron Motor, 11 kW, 400 V (3GBP162410-BDK)



General Information

| | |
|----------------------|---|
| Product ID | 3GBP162410-BDK |
| ABB Type Designation | M3BP 160MLA 4 |
| Catalog Description | IE3 Premium Efficiency Cast Iron Motor, 11 kW, 400 V (3GBP162410-BDK) |

Additional Information

| | |
|--------------------------|---|
| ABB Type Designation | M3BP 160MLA 4 |
| Altitude | 1000 m |
| Ambient Temperature | 40 °C |
| Bearing | 6309/C3 |
| Bearing NDE | 6209/C3 |
| Connection Configuration | D |
| Country of Origin | Finland (FI) China (CN) Poland (PL) |
| Customs Tariff Number | 85015230 |
| Direction of Rotation | Both sides |
| Electrical Data | |

| Conn | Temp Class | Freq | Voltage | Power | Speed | Current | Power Factor | Efficiency | Torque | IS/IN |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|-------|
| Y | -- | 50 Hz | 690 V | 11.00 kW | 1477 r/min | 12.20 A | 0.820 | 91.40 % | 71.27 N·m | 7.60 |
| D | -- | 50 Hz | 400 V | 11.00 kW | 1477 r/min | 21.10 A | 0.820 | 91.40 % | 71.27 N·m | 7.60 |
| Y | -- | 50 Hz | 660 V | 11.00 kW | 1474 r/min | 12.70 A | 0.830 | 91.40 % | 71.46 N·m | 6.90 |
| D | -- | 50 Hz | 380 V | 11.00 kW | 1474 r/min | 21.90 A | 0.830 | 91.40 % | 71.46 N·m | 6.90 |
| D | -- | 50 Hz | 415 V | 11.00 kW | 1479 r/min | 20.50 A | 0.810 | 91.40 % | 71.20 N·m | 8.20 |
| D | -- | 60 Hz | 460 V | 11.00 kW | 1780 r/min | 18.90 A | 0.800 | 92.40 % | 59.14 N·m | 8.70 |

| | |
|----------------------------------|--|
| Frame Material | Cast Iron |
| Frequency (f) | 50 Hz |
| Gross Weight | 198 kg |
| IC Class | IC411 |
| IE Class Data (50 Hz) | IE Class IE3 Full Load (100%) 91.4 % Partial Load (75%) 91.6 % Partial Load (50%) 90.6 % |
| IE Class Data (60 Hz) | IE Class IE3 Full Load (100%) 92.4 % Partial Load (75%) 92.2 % Partial Load (50%) 90.9 % |
| IM Class | IMB5 IM3001 |
| Input Voltage (U _{in}) | 400 V |
| Insulation Class | ICLF |
| Invoice Description | M3BP 160MLA 4 |
| IP Class | IP55 |
| Made To Order | No |
| Medium Description | 11kW, 4 Poles, Frame Size 160, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP162410-BDK) |
| Minimum Order Quantity | 1 piece |
| Number of Poles (High) | 4 |
| Order Multiple | 1 piece |
| Output Power | 11 kW |
| Package Level 1 Units | 0 pallet (lift) |
| Product Name | 3-Phase squirrel cage motor |
| Product Net Depth / Length | 681 mm |
| Product Net Height | 421 mm |
| Product Net Weight | 188 kg |
| Product Net Width | 310 mm |
| Product Type | 3BP3__M3BP_IE3_CI |
| Quote Only | No |
| Replaced Product ID (OLD) | 3GBP162051-BDK |
| SCIP | 54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI) |
| Selling Unit of Measure | piece |
| Short Description | 11kW, 4P, Frame Size 160, 3PH, 400V, 50Hz, IP55, IMB5/IM3001 |
| Standards | IEC 60034-1 |
| Stocked At (Warehouses) | Menden, Germany |
| Temperature Class Default | -- |
| Terminator Box Location | D-End top |
| Two Speed Motor | No |
| Type of Duty | S1 |

| | |
|---------------|---|
| UNSPSC | 26101100 |
| Voltage Code | D |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE3 Premium Efficiency Cast Iron Motors

