

PRODUCT-DETAILS

# 3GBP161430-AEM

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GBP161430-AEM           |
| ABB Type Designation | M3BP 160MLC 2            |
| Catalog Description  | No Description Available |

## Additional Information

|                       |               |
|-----------------------|---------------|
| ABB Type Designation  | M3BP 160MLC 2 |
| Altitude              | 1000 m        |
| Ambient Temperature   | 40 °C         |
| Bearing               | 6309/C3       |
| Bearing NDE           | 6209/C3       |
| Country of Origin     | Finland (FI)  |
| 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 |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|-----------|-------|
| D    | --         | 50 Hz | 500 V   | 18.50 kW | 2942 r/min | 25.30 A | 0.900        | 93.70 %    | 60.70 N-m | 8.60  |
| D    | --         | 60 Hz | 575 V   | 18.50 kW | 3555 r/min | 22.50 A | 0.890        | 93.00 %    | 50.40 N-m | 9.70  |

|              |        |
|--------------|--------|
| Gross Weight | 189 kg |
| IC Class     | IC411  |

|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| IE Class Data (50 Hz)        | IE Class IE4<br>Full Load (100%) 93.7 %<br>Partial Load (75%) 94.4 %<br>Partial Load (50%) 94.5 % |
| IE Class Data (60 Hz)        | IE Class IE4<br>Full Load (100%) 93.0 %<br>Partial Load (75%) 93.2 %<br>Partial Load (50%) 92.6 % |
| IM Class                     | IMB3 IM1001                                                                                       |
| IP Class                     | IP55                                                                                              |
| Insulation Class             | ICLF                                                                                              |
| Made To Order                | No                                                                                                |
| Minimum Order Quantity       | 1 piece                                                                                           |
| Number of Poles (High)       | 2                                                                                                 |
| Order Multiple               | 1 piece                                                                                           |
| Package Level 1 Units        | 0 pallet (lift)                                                                                   |
| Product Name                 | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight           | 179 kg                                                                                            |
| Product Type                 | 3BP4__M3BP_IE4_CI                                                                                 |
| Quote Only                   | No                                                                                                |
| SCIP                         | 54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)                                                 |
| Selling Unit of Measure      | piece                                                                                             |
| Stocked At<br>(Warehouses)   | Menden, Germany                                                                                   |
| Temperature Class<br>Default | --                                                                                                |
| Terminator Box Location      | D-End top                                                                                         |
| Two Speed Motor              | No                                                                                                |
| Type of Duty                 | S1                                                                                                |
| UNSPSC                       | 26101100                                                                                          |
| Voltage Code                 | E                                                                                                 |
| WEEE Category                | 4. Large Equipment (Any External Dimension More Than 50 cm)                                       |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE4 Super Premium Efficiency Cast Iron Motors



