

PRODUCT-DETAILS

# 3GBP451520-ADM

No Description Available



## General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GBP451520-ADM           |
| ABB Type Designation | M3BP 450LB 2             |
| Catalog Description  | No Description Available |

## Additional Information

|                       |                            |
|-----------------------|----------------------------|
| ABB Type Designation  | M3BP 450LB 2               |
| Altitude              | 1000 m                     |
| Ambient Temperature   | 40 °C                      |
| Bearing               | 6317M/C3                   |
| Bearing NDE           | 6317M/C3                   |
| Country of Origin     | Finland (FI)<br>China (CN) |
| Customs Tariff Number | 85015399                   |
| 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   | 900.00 kW | 2990 r/min | 889.00 A  | 0.870        | 96.50 %    | 2874.00 N-m | 7.60  |
| D    | --         | 50 Hz | 400 V   | 900.00 kW | 2990 r/min | 1534.00 A | 0.870        | 96.50 %    | 2874.00 N-m | 7.60  |
| D    | --         | 50 Hz | 415 V   | 900.00 kW | 2991 r/min | 1495.00 A | 0.860        | 96.50 %    | 2873.00 N-m | 8.20  |

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Gross Weight              | 4040 kg                                                                                           |
| IC Class                  | IC411                                                                                             |
| IE Class Data (50 Hz)     | IE Class IE4<br>Full Load (100%) 96.5 %<br>Partial Load (75%) 96.2 %<br>Partial Load (50%) 95.3 % |
| 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        | 4000 kg                                                                                           |
| Product Type              | 3BP4__M3BP_IE4_CI                                                                                 |
| Quote Only                | No                                                                                                |
| SCIP                      | 54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)                                                 |
| Selling Unit of Measure   | piece                                                                                             |
| Temperature Class Default | --                                                                                                |
| Terminator Box Location   | 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 → IE4 Super Premium Efficiency Cast Iron Motors

