

## PRODUCT-DETAILS

# 3GBP281420-ADG

No Description Available



### General Information

|                      |                          |
|----------------------|--------------------------|
| Product ID           | 3GBP281420-ADG           |
| ABB Type Designation | M3BP 280MLB 2            |
| Catalog Description  | No Description Available |

### Additional Information

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| ABB Type Designation  | M3BP 280MLB 2                                           |
| Altitude              | 1000 m                                                  |
| Ambient Temperature   | 40 °C                                                   |
| Bearing               | 6316/C3                                                 |
| Bearing NDE           | 6316/C3                                                 |
| Country of Origin     | Finland (FI)<br>China (CN)<br>India (IN)<br>Poland (PL) |
| Customs Tariff Number | 85015381                                                |
| 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   | 160.00 kW | 2976 r/min | 153.00 A                                                    | 0.910        | 95.50 %    | 513.00 N-m | 7.60                                                                                              |
| D                         | --         | 50 Hz | 400 V   | 160.00 kW | 2976 r/min | 265.00 A                                                    | 0.910        | 95.50 %    | 513.00 N-m | 7.60                                                                                              |
| D                         | --         | 50 Hz | 415 V   | 160.00 kW | 2978 r/min | 257.00 A                                                    | 0.900        | 95.50 %    | 513.00 N-m | 8.20                                                                                              |
| Gross Weight              |            |       |         |           |            |                                                             |              |            |            | 910 kg                                                                                            |
| IC Class                  |            |       |         |           |            |                                                             |              |            |            | IC411                                                                                             |
| IE Class Data (50 Hz)     |            |       |         |           |            |                                                             |              |            |            | IE Class IE2<br>Full Load (100%) 95.5 %<br>Partial Load (75%) 95.5 %<br>Partial Load (50%) 95.2 % |
| IM Class                  |            |       |         |           |            |                                                             |              |            |            | IMB3 IM1001                                                                                       |
| IP Class                  |            |       |         |           |            |                                                             |              |            |            | IP55                                                                                              |
| Insulation Class          |            |       |         |           |            |                                                             |              |            |            | ICLF                                                                                              |
| Made To Order             |            |       |         |           |            |                                                             |              |            |            | No                                                                                                |
| Minimum Order Quantity    |            |       |         |           |            |                                                             |              |            |            | 1 piece                                                                                           |
| Number of Poles (High)    |            |       |         |           |            |                                                             |              |            |            | 2                                                                                                 |
| Package Level 1 Units     |            |       |         |           |            |                                                             |              |            |            | 0 pallet (lift)                                                                                   |
| Product Name              |            |       |         |           |            |                                                             |              |            |            | 3-Phase squirrel cage motor                                                                       |
| Product Net Weight        |            |       |         |           |            |                                                             |              |            |            | 890 kg                                                                                            |
| Product Type              |            |       |         |           |            |                                                             |              |            |            | 3BP2__M3BP_IE2_CI                                                                                 |
| Quote Only                |            |       |         |           |            |                                                             |              |            |            | No                                                                                                |
| SCIP                      |            |       |         |           |            | 54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)           |              |            |            |                                                                                                   |
| Selling Unit of Measure   |            |       |         |           |            |                                                             |              |            |            | piece                                                                                             |
| Stocked At (Warehouses)   |            |       |         |           |            |                                                             |              |            |            | Shanghai, China                                                                                   |
| 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 → IE2 High Efficiency Cast Iron Motors



