

PRODUCT-DETAILS

# 3GAA188414-BDG

## M3AA 180MLA 4/6



### General Information

|                      |                 |
|----------------------|-----------------|
| Product ID           | 3GAA188414-BDG  |
| ABB Type Designation | M3AA 180MLA 4/6 |
| Catalog Description  | M3AA 180MLA 4/6 |

### Additional Information

|                       |                 |
|-----------------------|-----------------|
| ABB Type Designation  | M3AA 180MLA 4/6 |
| Altitude              | 1000 m          |
| Ambient Temperature   | 40 °C           |
| Bearing               | 6310-2Z/C3      |
| Bearing NDE           | 6209-2Z/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 |
|------|------------|-------|---------|----------|------------|---------|--------------|------------|------------|-------|
| Y    | --         | 50 Hz | 400 V   | 16.00 kW | 1477 r/min | 30.50 A | 0.840        | 90.00 %    | 103.00 N·m | 6.70  |
| Y    | --         | 50 Hz | 400 V   | 5.00 kW  | 990 r/min  | 13.10 A | 0.670        | 82.10 %    | 48.00 N·m  | 6.00  |

|                       |             |
|-----------------------|-------------|
| Gross Weight          | 156 kg      |
| IC Class              | IC411       |
| IE Class Data (50 Hz) | IE Class NA |

|                           |                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------|
|                           | Full Load (100%) 82.1 %<br>Partial Load (75%) 82.2 %<br>Partial Load (50%) 79.4 % |
| IM Class                  | IMB5 IM3001                                                                       |
| IP Class                  | IP55                                                                              |
| Insulation Class          | ICLF                                                                              |
| Invoice Description       | M3AA 180MLA 4/6                                                                   |
| Made To Order             | No                                                                                |
| Minimum Order Quantity    | 1 piece                                                                           |
| Number of Poles (High)    | 4                                                                                 |
| Number of Poles (Low)     | 6                                                                                 |
| Order Multiple            | 1 piece                                                                           |
| Package Level 1 Units     | 0 pallet (lift)                                                                   |
| Product Name              | 3-Phase squirrel cage motor                                                       |
| Product Net Weight        | 146 kg                                                                            |
| Product Type              | 3AA2__M3AA_IE2_AA                                                                 |
| Quote Only                | No                                                                                |
| Replaced Product ID (OLD) | 3GAA188229-BDG                                                                    |
| SCIP                      | 27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)                                 |
| Selling Unit of Measure   | piece                                                                             |
| Temperature Class Default | --                                                                                |
| Terminator Box Location   | D-End top                                                                         |
| Two Speed Motor           | Yes                                                                               |
| 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 Aluminum Motors

