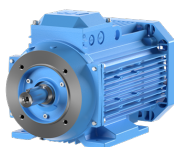


PRODUCT-DETAILS

# 3GAA091312-BSECN

M3AA 90 incl. China Energy Label (+540) /  
China Compulsary Certificate (+545)



## General Information

|                      |                                                                               |
|----------------------|-------------------------------------------------------------------------------|
| Product ID           | 3GAA091312-BSECN                                                              |
| ABB Type Designation | M3AA 90L 2 +540/+545                                                          |
| Catalog Description  | M3AA 90 incl. China Energy Label (+540) / China Compulsary Certificate (+545) |

## Additional Information

|                       |                      |
|-----------------------|----------------------|
| ABB Type Designation  | M3AA 90L 2 +540/+545 |
| Altitude              | 1000 m               |
| Ambient Temperature   | 40 °C                |
| Bearing               | 6205-2Z/C3           |
| Bearing NDE           | 6204-2Z/C3           |
| Country of Origin     | China (CN)           |
| Customs Tariff Number | 85015100             |
| Direction of Rotation | Both sides           |

### Electrical Data

| Conn | Temp Class | Freq  | Voltage | Power   | Speed      | Current | Power Factor | Torque   | IS/IN |
|------|------------|-------|---------|---------|------------|---------|--------------|----------|-------|
| D    | --         | 50 Hz | 220 V   | 1.50 kW | 2890 r/min | 5.20 A  | 0.890        | 4.90 N·m | 7.60  |
| Y    | --         | 50 Hz | 380 V   | 1.50 kW | 2890 r/min | 3.00 A  | 0.890        | 4.90 N·m | 7.60  |
| D    | --         | 50 Hz | 230 V   | 1.50 kW | 2900 r/min | 5.00 A  | 0.860        | 4.00 N·m | 8.40  |

|                       |              |
|-----------------------|--------------|
| Gross Weight          | 16.48 kg     |
| IC Class              | IC411        |
| IE Class Data (50 Hz) | IE Class IE2 |

|                           |                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------|
|                           | Full Load (100%) 81.3 %<br>Partial Load (75%) 85.0 %<br>Partial Load (50%) 83.5 % |
| IE Class Data (60 Hz)     | IE Class IE2<br>Full Load (100%) 85.3 %                                           |
| IM Class                  | IMB5 IM3001                                                                       |
| IP Class                  | IP55                                                                              |
| Insulation Class          | ICLF                                                                              |
| Invoice Description       | M3AA 90 incl. China Energy Label (+540) / China Compulsary Certificate (+545)     |
| Lubrication               | For life                                                                          |
| Made To Order             | No                                                                                |
| Minimum Order Quantity    | 1 piece                                                                           |
| Number of Poles (High)    | 2                                                                                 |
| Order Multiple            | 1 piece                                                                           |
| Package Level 1 Units     | 0 carton                                                                          |
| Product Name              | 3-Phase squirrel cage motor                                                       |
| Product Net Weight        | 16.48 kg                                                                          |
| Product Type              | 3AA2__M3AA_IE2_AA                                                                 |
| Quote Only                | No                                                                                |
| Selling Unit of Measure   | piece                                                                             |
| Standards                 | IEC 60034-1                                                                       |
| Starting of Motor         | Direct Online                                                                     |
| Stocked At (Warehouses)   | Shanghai, China                                                                   |
| Temperature Class Default | --                                                                                |
| Terminator Box Location   | D-End top                                                                         |
| Two Speed Motor           | No                                                                                |
| Type of Duty              | S1                                                                                |
| UNSPSC                    | 26101100                                                                          |
| Voltage Code              | S                                                                                 |
| WEEE Category             | 5. Small Equipment (No External Dimension More Than 50 cm)                        |

Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

