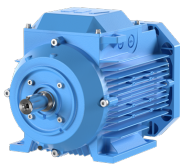


PRODUCT-DETAILS

3GAL132263-CSB  
M3AL 132SMF 4



| General Information  |                |
|----------------------|----------------|
| Product ID           | 3GAL132263-CSB |
| ABB Type Designation | M3AL 132SMF 4  |
| Catalog Description  | M3AL 132SMF 4  |

| Ordering                |                                     |
|-------------------------|-------------------------------------|
| ABB Type Designation    | M3AL 132SMF 4                       |
| Invoice Description     | M3AL 132SMF 4                       |
| Product Name            | 3Phase Synchronous reluctance motor |
| Product Type            | 3AL0__M3AL_SynRM_AA                 |
| Made To Order           | No                                  |
| Minimum Order Quantity  | 1 piece                             |
| Order Multiple          | 1 piece                             |
| Selling Unit of Measure | piece                               |
| Country of Origin       | Sweden (SE)                         |
| Customs Tariff Number   | 85015230                            |

| Electrical      |  |
|-----------------|--|
| Electrical Data |  |

| Conn                      | Temp Class | Freq  | Voltage | Power    | Speed      | Current | Power Factor | Efficiency | Torque  |
|---------------------------|------------|-------|---------|----------|------------|---------|--------------|------------|---|
| Y                         | --         | 50 Hz | 400 V   | 18.50 kW | 1500 r/min | 42.20 A | 0.740        | 91.20 %    | 118.00 N·m  |
| Temperature Class Default |            |       |         |          |            |         |              |            | --  |
| Altitude                  |            |       |         |          |            |         |              |            | 1000 m  |
| Ambient Temperature       |            |       |         |          |            |         |              |            | 40 °C   |
| IC Class                  |            |       |         |          |            |         |              |            | IC411   |
| IE Class Data (50 Hz)     |            |       |         |          |            |         |              |            | IE Class IE2<br>Full Load (100%) 91.2 %<br>Partial Load (75%) 91.1 %<br>Partial Load (50%) 89.9 % |
| IP Class                  |            |       |         |          |            |         |              |            | IP55  |
| Insulation Class          |            |       |         |          |            |         |              |            | ICLF  |
| Direction of Rotation     |            |       |         |          |            |         |              |            | Both sides  |
| Number of Poles (High)    |            |       |         |          |            |         |              |            | 4   |
| Two Speed Motor           |            |       |         |          |            |         |              |            | No  |
| Type of Duty              |            |       |         |          |            |         |              |            | S9  |
| Voltage Code              |            |       |         |          |            |         |              |            | S   |

|                         |  |  |  |  |  |  |  |  |              |
|-------------------------|--|--|--|--|--|--|--|--|--------------|
| Mechanical              |  |  |  |  |  |  |  |  |              |
| Frame Material          |  |  |  |  |  |  |  |  | Aluminum     |
| Frame Size              |  |  |  |  |  |  |  |  | 132          |
| Bearing                 |  |  |  |  |  |  |  |  | 6308-2Z/C3   |
| Bearing NDE             |  |  |  |  |  |  |  |  | 6206-2Z/C3   |
| IM Class                |  |  |  |  |  |  |  |  | IMB14 IM3601 |
| Terminator Box Location |  |  |  |  |  |  |  |  | D-End top    |

|                       |  |  |  |  |  |  |  |  |          |
|-----------------------|--|--|--|--|--|--|--|--|----------|
| Dimensions            |  |  |  |  |  |  |  |  |          |
| Package Level 1 Units |  |  |  |  |  |  |  |  | 0 carton |
| Product Net Weight    |  |  |  |  |  |  |  |  | 89 kg    |
| Gross Weight          |  |  |  |  |  |  |  |  | 94 kg    |

|               |  |  |  |  |  |  |  |  |  |
|---------------|--|--|--|--|--|--|--|--|--|
| Environmental |  |  |  |  |  |  |  |  |  |
| WEEE Category |  |  |  |  |  | 5. Small Equipment (No External Dimension More Than 50 cm) |  |  |  |

|                 |  |  |  |  |  |  |  |  |          |
|-----------------|--|--|--|--|--|--|--|--|----------|
| Classifications |  |  |  |  |  |  |  |  |          |
| UNSPSC          |  |  |  |  |  |  |  |  | 26101100 |

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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → Synchronous Reluctance Motors → High Output SynRM Motors

