

CONFIGURATION OVERVIEW / MP879379/L1.R1

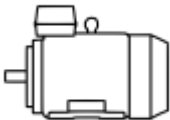
Product code 3GAA131130-JDK  
M3AA 132SC 2,  
7.5 kW, 2 poles

GENERAL

|               |         |                       |                |
|---------------|---------|-----------------------|----------------|
| MEPS          | EU-MEPS | Altitude              | 1000 m.a.s.l.  |
| MEPS scope    | Inside  | Ambient min / max     | -20 °C / 40 °C |
| Motor design  | BASIC   | Ex atmosphere         | No             |
| Legal marking | CE      | Customs tariff number | 85015220       |

MAIN CHARACTERISTICS

|                       |                               |
|-----------------------|-------------------------------|
| Motor type            | M3AA 132SC 2                  |
| Product code          | 3GAA131130-JDK                |
| ID code               |                               |
| Shaft height          | 132 mm                        |
| Power                 | 7.5 kW                        |
| Rated voltage $U_N$   | 400 V $\pm$ 5 % (IEC 60034-1) |
| Rated frequency $f_N$ | 50 Hz $\pm$ 2 % (IEC 60034-1) |
| Number of poles       | 2                             |
| Frame material        | Aluminum                      |
| Insulation class      | F                             |
| Temperature class     | -                             |
| Mounting              | IM2101 IMB34                  |



|                            |       |
|----------------------------|-------|
| Enclosure protection class | IP55  |
| Cooling                    | IC411 |
| Weight                     | 63 kg |
| Heater Power               | NA    |

**OPERATING POINTS**

| Power [kW] | Voltage [V] | Connec-<br>tion | Frequency [Hz] | Effic.<br>Class | Efficiency [%] | Nominal Cur-<br>rent [A] | Is/In | Duty | Speed [rpm] | T Rise |
|------------|-------------|-----------------|----------------|-----------------|----------------|--------------------------|-------|------|-------------|--------|
| 7.5        | 460         | D               | 60             | IE3             | 90.2           | 11.4                     | 9.6   | S1   | 3524        | B      |
| 7.5        | 690         | Y               | 50             | IE3             | 90.1           | 7.6                      | 8.3   | S1   | 2909        | B      |
| 7.5        | 400         | D               | 50             | IE3             | 90.1           | 13.1                     | 8.3   | S1   | 2909        | B      |
| 7.5        | 660         | Y               | 50             | IE3             | 90.1           | 8                        | 7.4   | S1   | 2893        | B      |
| 7.5        | 380         | D               | 50             | IE3             | 90.1           | 13.9                     | 7.4   | S1   | 2893        | B      |
| 7.5        | 415         | D               | 50             | IE3             | 90.1           | 12.7                     | 9     | S1   | 2917        | B      |

**VARIANT CODES**

No variant codes selected.

**MECHANICAL**

|                            |                                      |
|----------------------------|--------------------------------------|
| Direction of rotation      | -                                    |
| Vibration                  | A                                    |
| Paint colour               | MUNSELL 8B 4.5/3.25                  |
| Paint system               | C3 - Medium                          |
| Bearing, Drive end         | Ball Bearing – -                     |
| Bearing, Non-drive end     | Ball Bearing – -                     |
| Lubrication style          | Greased for life                     |
| Main terminal box position | D-End top                            |
| Main terminal box turnable | Not turnable                         |
| Main terminal cable entry  | 2x(M25xM20)                          |
| Fan material               | Glass-fiber reinforced polypropylene |
| Fan cover material         | Plastic                              |
| Sound pressure level       | 70 LpdBA                             |

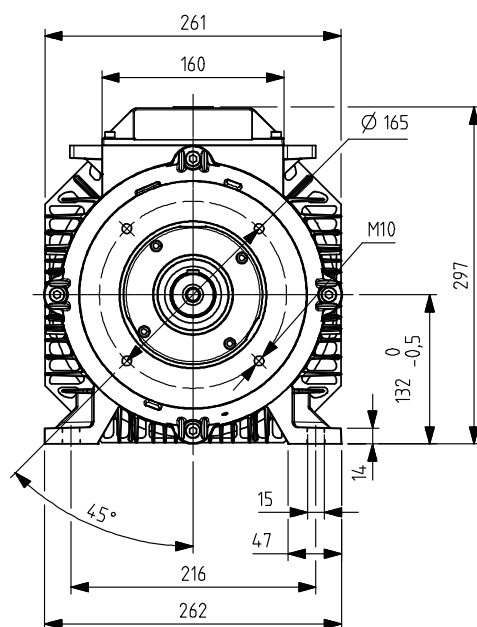
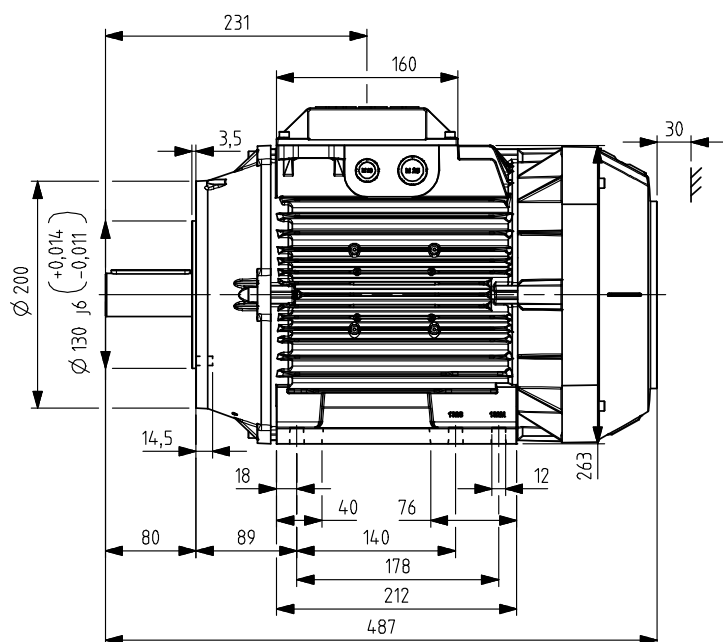
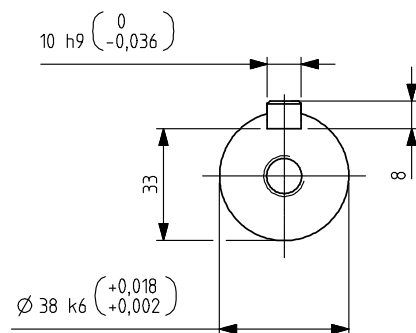
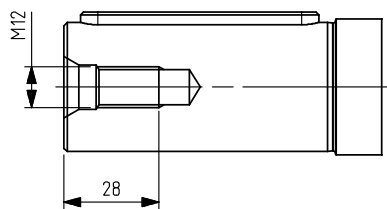
**ACCESSORIES**

No accessories selected.

**MONITORING**

Winding PTC, PTC 1 per phase 150 degr. C  
Vibration sensing, No SPM nipples





Additional information:

## Dimension Print

Motor Type:  
M3AA (E) 132 SC2, MA2, MB4, MC6; (K) 132 M\_2-8, S\_2-8; B34, V17  
FT165

Document No:  
3GZW500613-39 B

Description:

STANDARD ALUMINIUM SQUIRREL CAGE MOTOR.

Unit: IEC LV Motors  
Date: 30.Jan.2023

Issued by: Pöllänen, Niki  
Approved by: Härmänmaa, Arttu

Replaces:  
Replaced by:



Customer Reference:

