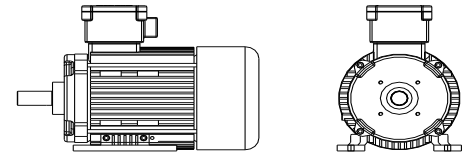


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 2RL0011

- **Type of protection** II 2G Ex db(eb) IIC T6...T4 Gb IP55 zone 1
 - (option II 2D Ex tb IIIC T 135°C Db IP 66)
- **Ambient temperature**
- -20 +60°C for **T4** , -20 +50°C for **T5**, -20 + 40°C for **T6**
- **Altitude above sea level** 1000m
- **Standard specification** IEC,ISO,EN
- **Certificate** : TUV IT13 ATEX 039X
- **Relative humidity** : 90%



| ELECTRICAL DATA | | | GENERAL DATA | |
|-------------------------------------|---|-----------|--------------------------------|----------------------|
| Frequency (Hz) ±2% | 50 | 60 | Frame size | 63 |
| Voltage ±5% | 230/400 | 265/460 | Type of construction | IMB 3/5/35/14/34 |
| Power (Kw) | 0,18 | 0,21 | Weight (kg) | 6,5 |
| Motor speed (rpm) | 1410 | 1621 | Frame and Tbox material | Aluminium EN46100 |
| Current (A) at V 230/400 | 0,92/0,53 | | Degree protection | IP 55 or IP66 |
| Current (A) at V 265/460 | | 0,92/0,53 | Insulation | F class |
| Torque (N.m) | 1,3 | 1,10 | Duty | S1 |
| Efficiency IE2 | 64,7 | | Cable entry | N.2 M 20x1,5 |
| Power factor | 0,66 | 0,66 | Cooling type | IC411 |
| Starting/rated motor current | 3,5 | | | |
| Starting /rated motor torque | 2,2 | | | |
| PTC temperature (°C) | 120°C FOR T4 /90°C FOR T5 /70 °C FOR T6- MANDATORY FOR INVERTER DUTY | | | |

| MECHANICAL DATA | |
|---|----------|
| Moment of inertia Kg m² | 0,0003 |
| Bearings | 6202 2Z |
| Max axial load | 156 |
| Max radial load | 356 |
| Bearings maintenance | 40.000 h |
| Noise level (dB) | 78 |