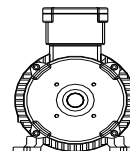
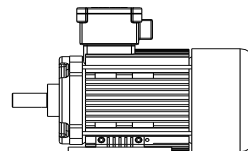


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 3RL0015

- **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 | 80 |
| Voltage ±5% | 230/400 | 265/460 | Type of construction | IMB 3/5/35/14/34 |
| Power (Kw) | 0,75 | 0,86 | Weight (kg) | 12 |
| Motor speed (rpm) | 1440 | 1656 | Frame and Tbox material | Aluminium EN46100 |
| Current (A) at V 230/400 | 3,46/2 | | Degree protection | IP 55 or IP66 |
| Current (A) at V 265/460 | | 3,46/2 | Insulation | F class |
| Torque (N.m) | 5,2 | 4,42 | Duty | S1 |
| Efficiency IE3 | 82,5 | | Cable entry | N.2 M 20x1,5 |
| Power factor | 0,7 | 0,7 | Cooling type | IC411 |
| Starting/rated motor current | 4,9 | | | |
| Starting /rated motor torque | 1,9 | | | |
| 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 | 0,0022 |
| Bearings | 6204 2Z |
| Max axial load | 254 |
| Max radial load | 580 |
| Bearings maintenance | 40.000 h |
| Noise level (dB) | 78 |