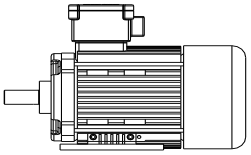
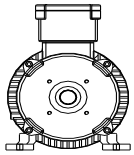
DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 2RL0018

- **Type of protection** II 2G Ex db(eb) IIC T6…T4 Gb IP55 zone 1
- **(option II 2D Ex tb IIIC T85°C… 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)	0,12	0,14	**Weight (kg)**	7
Motor speed (rpm)	930	1070	**Frame and Tbox material**	Aluminium EN46100
Current (A) at V 230/400	0.95/0.55		**Degree protection**	IP 55 or IP66
Current (A) at V 265/460		0.95/0.6	**Insulation**	F class
Torque (N.m)	1,3	1,11	**Duty**	S1
Efficiency % IE2	50.6		**Cable entry**	N.2 M 20x1,5
Power factor	0,5	0,5	**Cooling type**	IC411
Starting/rated motor current	2,6			
Starting /rated motor torque	2,6			
PTC temperature (°C)	120°C mandatory for motors for inverter duty			
PTC temperature (°C)	120°C for T4			
PTC temperature (°C)	90°C for T5			
PTC temperature (°C)	70°C for T6			

MECHANICAL DATA	
Moment of inertia Kg m^2	0,0003
Bearings	6202 2Z
Max axial load	156
Max radial load	408
Bearings maintenance	40.000 h
Noise level (dB)	78