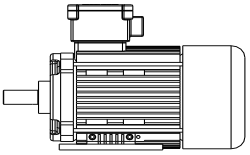
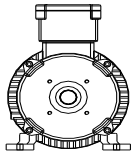
DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 3RL0023

- **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**	90
Voltage ±5%	230/400	265/460	**Type of construction**	IMB 3/5/35/14/34
Power (Kw)	0,75	0,86	**Weight (kg)**	17,5
Motor speed (rpm)	930	1093	**Frame and Tbox material**	Aluminium EN46100
Current (A) at V 230/400	4,15/2,4		**Degree protection**	IP 55 or IP66
Current (A) at V 265/460		4,15/2,4	**Insulation**	F class
Torque (N.m)	7,9	6,72	**Duty**	S1
Efficiency %	78,9		**Cable entry**	N.2 M 20x1,5
Power factor	0,7	0,7	**Cooling type**	IC411
Starting/rated motor current	3,5			
Starting /rated motor torque	2,3			
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 m^2	0,00318
Bearings	6205 2Z
Max axial load	280
Max radial load	732
Bearings maintenance	40.000 h
Noise level (dB)	78