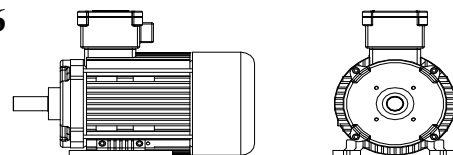


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 2RL0021

- **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) $\pm 2\%$	50	60	Frame size	80
Voltage $\pm 5\%$	230/400	265/460	Type of construction	IMB 3/5/35/14/34
Power (Kw)	0,37	0,43	Weight (kg)	10
Motor speed (rpm)	935	1075	Frame and Tbox material	Aluminium EN46100
Current (A) at V 230/400	2.16/1.25		Degree protection	IP 55 or IP66
Current (A) at V 265/460		2.16/1.25	Insulation	F class
Torque (N.m)	3,8	3,8	Duty	S1
Efficiency % IE2	67.6		Cable entry	N.2 M 20x1,5
Power factor	0,61	0,61	Cooling type	IC411
Starting/rated motor current	3,9			
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	0,00197
Bearings	6204 2Z
Max axial load	254
Max radial load	664
Bearings maintenance	40.000 h
Noise level (dB)	78