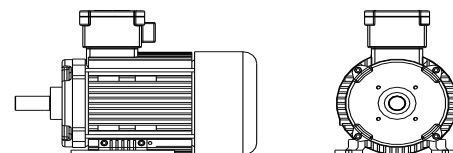


**DATA SHEET FOR SINGLE PHASE MOTOR PART NUMBER RL 8021**

- **Type of protection** Type of protection II 2G Ex db IIB T5...T4 Gb IP55 zone 1
  - (option II 2D Ex tb IIIC T100°C...T135°C Db IP 66)
    - **Temperature ambient** -20 +60°C
- **Altitude above sea level** 1000m
- **Standard specification** IEC,ISO,EN
- **EC-type examination certificate:** TUV IT 14 ATEX 029X
- **Relative humidity** : 90%



ELECTRICAL DATA		GENERAL DATA	
Frequency (Hz) $\pm 2\%$	50	Frame size	90
Voltage $\pm 5\%$	230	Type of construction	IMB 14/5/35/3/35
Power (Kw)	1,1	Weight (kg)	18
Motor speed (rpm)	1380	Frame and Tbox material	Aluminium EN46100
Current (A) at 230V	7,9	Degree protection	IP 55 or IP66
COND. mF (450V)	25	Insulation	F class
Torque (N.m)	7,2	Duty	S1
Efficiency %	69	Cable entry	N.1 M 20 X 1,5 N.1 M25 X 1,5
Power factor	0,9	Cooling type	IC411
Starting/rated motor current	3,9		
Starting /rated motor torque	0,7		
PTC temperature (°C)	120°C for T4		
PTC temperature (°C)	90°C for T5		

MECHANICAL DATA	
Moment of inertia Kg m <sup>2</sup>	3,13
Bearings DE/NDE	6201 2Z
Max axial load	280
Max radial load	639
Bearings maintenance	40.000 h
Noise level (dB)	78