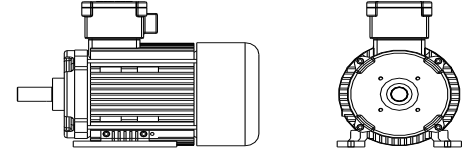


**DATA SHEET FOR SINGLE PHASE MOTOR PART NUMBER RL 8016**

- **Type of protection** Type of protection II 2G Ex db IIC 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 13 ATEX 039X
- **Relative humidity** : 90%



ELECTRICAL DATA		GENERAL DATA	
Frequency (Hz) $\pm 2\%$	50	Frame size	71
Voltage $\pm 5\%$	230	Type of construction	IMB 14/5/35/3/35
Power (Kw)	0,18	Weight (kg)	7,5
Motor speed (rpm)	1390	Frame and Tbox material	Aluminium EN46100
Current (A) at 230V	1,75	Degree protection	IP 55 or IP66
COND. mF (450V)	8	Insulation	F class
Torque (N.m)	1,8	Duty	S1
Efficiency %	61	Cable entry	M 20x1,5
Power factor	0,83	Cooling type	IC411
Starting/rated motor current	3,1		
Starting /rated motor torque	0,8		
PTC temperature (°C)	120°C for T4		
PTC temperature (°C)	90°C for T5		

MECHANICAL DATA	
Moment of inertia Kg m <sup>2</sup>	0,76
Bearings DE/NDE	6202 2Z
Max axial load	156
Max radial load	356
Bearings maintenance	40.000 h
Noise level (dB)	78