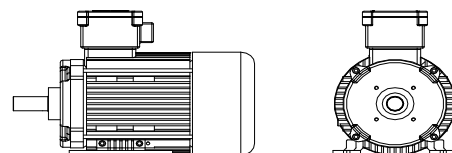


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 2RL0005

- **Type of protection** II 2G Ex db(eb) IIC T6...T4 Gb IP55 zone 1
 - (option II 2D Ex tb IIIC 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	71
Voltage $\pm 5\%$	230/400	265/460	Type of construction	IMB 3/5/35/14/34
Power (Kw)	0,55	0,6	Weight (kg)	8
Motor speed (rpm)	2810	3231	Frame and Tbox material	Aluminium EN46100
Current (A) at V 230/400	2,6/1,5		Degree protection	IP 55 or IP66
Current (A) at V 265/460		2,6/1,5	Insulation	F class
Torque (N.m)	2,1	2,1	Duty	S1
Efficiency IE2	74,1		Cable entry	N.2 M 20x1,5
Power factor	0,8	0,8	Cooling type	IC411
Starting/rated motor current	3,8			
Starting /rated motor torque	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	0,0005
Bearings	6202 2Z
Max axial load	156
Max radial load	356
Bearings maintenance	20.000 h
Noise level (dB)	78