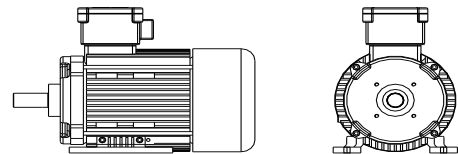


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 2RL0012

- **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)	0,25	0,29	Weight (kg)	6,5
Motor speed (rpm)	1415	1627	Frame and Tbox material	Aluminium EN46100
Current (A) at V 230/400	1,38/0,8		Degree protection	IP 55 or IP66
Current (A) at V 265/460		1,38/0,8	Insulation	F class
Torque (N.m)	1,8	1,53	Duty	S1
Efficiency %	68,5		Cable entry	N.2 M 20x1,5
Power factor	0,63	0,63	Cooling type	IC411
Starting/rated motor current	3			
Starting /rated motor torque	2,2			
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	0,00075
Bearings	6202 2Z
Max axial load	156
Max radial load	356
Bearings maintenance	40.000 h
Noise level (dB)	78