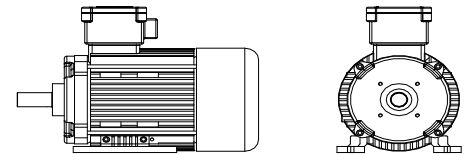


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 3 RL0009



- **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) ± 2%	50	60	Frame size	90
Voltage ±5%	230/400	265/460	Type of construction	IMB 3/5/35/14/34
Power (Kw)	2,2	2,5	Weight (kg)	20,5
Motor speed (rpm)	2860	3289	Frame and Tbox material	Aluminium EN46100
Current (A) at V 230/400	7,5/5,4		Degree protection	IP 55 or IP66
Current (A) at V 265/460		7,5/5,4	Insulation	F class
Torque (N.m)	7,5	6	Duty	S1
Efficiency IE3	85,9		Cable entry	N.2 M 20x1,5
Power factor	0,84	0,84	Cooling type	IC411
Starting/rated motor current	5,4			
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 m²	0,0018
Bearings	6205 2Z
Max axial load	280
Max radial load	639
Bearings maintenance	20.000 h
Noise level (dB)	78