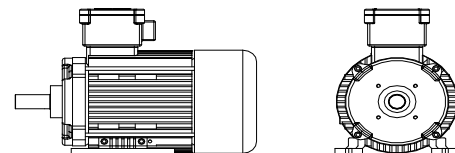


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 3RL0049

- **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) ± 2%	50	60	Frame size	132
Voltage ±5%	400/690	460/795	Type of construction	IMB 3/5/35/14/34
Power (Kw)	5,5	6,3	Weight (kg)	54
Motor speed (rpm)	2938	3378	Frame and Tbox material	Aluminium EN46100
Current (A) at V 400/690	10,21/5,9		Degree protection	IP 55 or IP66
Current (A) at V 460/795		10,21/5,9	Insulation	F class
Torque (N.m)	18,3	18,3	Duty	S1
Efficiency IE3	89,2		Cable entry	N.1 M20 X 1,5 N.1 M32 X 1,5
Power factor	0,9	0,9	Cooling type	IC411
Starting/rated motor current	6,7			
Starting /rated motor torque	2,6			
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	0,011
Bearings	6308 2Z
Max axial load	850
Max radial load	1941
Bearings maintenance	20.000 h
Noise level (dB)	78