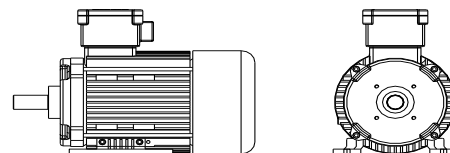


## DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 3RL0036

- **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	Frame size	112
Voltage $\pm 5\%$	400/690	Type of construction	IMB 3/5/35/14/34
Power (Kw)	4	Weight (kg)	35
Motor speed (rpm)	1440	Frame and Tbox material	Aluminium EN46100
Current (A) at V 230/400	8,2 /4,67	Degree protection	IP 55 or IP66
Current (A) at V 265/460		Insulation	F class
Torque (N.m)	26,8	Duty	S1
Efficiency IE3	88,6	Cable entry	N.1 M20 X 1,5 N.1 M25 X 1,5
Power factor	0,8	Cooling type	IC411
Starting/rated motor current	6		
Starting /rated motor torque	2,7		
PTC temperature (°C)	120°C FOR T4 /90°C FOR T5 /70 °C FOR T6- <b>MANDATORY FOR INVERTER DUTY</b>		

MECHANICAL DATA	
Moment of inertia Kg m <sup>2</sup>	0,013
Bearings	6206 2Z
Max axial load	580
Max radial load	1325
Bearings maintenance	40.000 h
Noise level (dB)	78