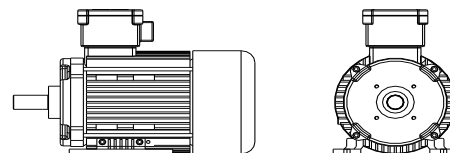


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 3RL0016

- **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	90
Voltage $\pm 5\%$	230/400	265/460	Type of construction	IMB 3/5/35/14/34
Power (Kw)	1,1	1,27	Weight (kg)	16
Motor speed (rpm)	1440	1656	Frame and Tbox material	Aluminium EN46100
Current (A) at V 230/400	4,67/2,7		Degree protection	IP 55 or IP66
Current (A) at V 265/460		4,67/2,7	Insulation	F class
Torque (N.m)	7,7	6,54	Duty	S1
Efficiency IE3	84,1		Cable entry	N.2 M 20x1,5
Power factor	0,7	0,7	Cooling type	IC411
Starting/rated motor current	4,2			
Starting /rated motor torque	2,3			
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	0,0029
Bearings	6205 2Z
Max axial load	280
Max radial load	639
Bearings maintenance	40.000 h
Noise level (dB)	78