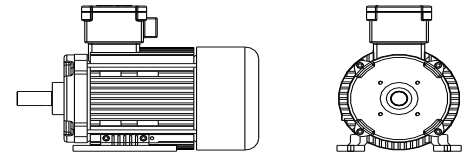


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 3RL0035

- **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	100
Voltage ±5%	230/400	265/460	Type of construction	IMB 3/5/35/14/34
Power (Kw)	3	3,5	Weight (kg)	29
Motor speed (rpm)	1435	1650	Frame and Tbox material	Aluminium EN46100
Current (A) at V 230/400	11,33/6,55		Degree protection	IP 55 or IP66
Current (A) at V 265/460		11,33/6,55	Insulation	F class
Torque (N.m)	20,1	17,09	Duty	S1
Efficiency IE3	87,7		Cable entry	N.1 M20 X 1,5 N.1 M25 X 1,5
Power factor	0,8	0,8	Cooling type	IC411
Starting/rated motor current	6			
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	0,0060
Bearings	6206 2Z
Max axial load	386
Max radial load	881
Bearings maintenance	40.000 h
Noise level (dB)	78