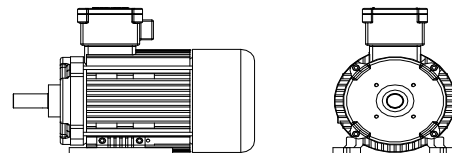


DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 3RL0055



- **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) $\pm 2\%$	50	60	Frame size	160
Voltage $\pm 5\%$	400/690	460/795	Type of construction	IMB 3/5/35/14/34
Power (Kw)	18,5	21,3	Weight (kg)	115
Motor speed (rpm)	2940	3510	Frame and Tbox material	Aluminium EN46100
Current (A) at V 400/690	33,04/19,1		Degree protection	IP 55 or IP66
Current (A) at V 460/795		33,04/19,1	Insulation	F class
Torque (N.m)	60	60	Duty	S1
Efficiency %	92,4		Cable entry	N.1 M20 X 1,5 N.1 M32 X 1,5
Power factor	0,88	0,88	Cooling type	IC411
Starting/rated motor current	8,0			
Starting /rated motor torque	3,1			
PTC temperature (°C)	120°C mandatory for motors for inverter duty			

MECHANICAL DATA	
Moment of inertia Kg m ²	0,064
Bearings	6309 2Z
Max axial load	1000
Max radial load	2421
Bearings maintenance	20.000 h
Noise level (dB)	78