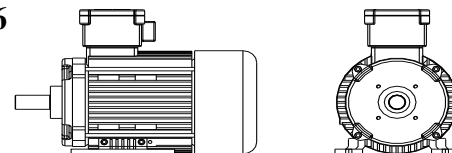


## DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 2RL0019

- **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	
<b>Frequency (Hz) ±2%</b>	50	60	<b>Frame size</b>	71
<b>Voltage ±5%</b>	230/400	265/460	<b>Type of construction</b>	IMB 3/5/35/14/34
<b>Power (Kw)</b>	0,18	0,21	<b>Weight (kg)</b>	7.5
<b>Motor speed (rpm)</b>	925	1064	<b>Frame and Tbox material</b>	Aluminium EN46100
<b>Current (A) at V 230/400</b>	1.31/0.76		<b>Degree protection</b>	IP 55 or IP66
<b>Current (A) at V 265/460</b>		1.31/0.76	<b>Insulation</b>	F class
<b>Torque (N.m)</b>	2,0	1,70	<b>Duty</b>	S1
<b>Efficiency % IE2</b>	56.6		<b>Cable entry</b>	N.2 M 20x1,5
<b>Power factor</b>	0,6	0,6	<b>Cooling type</b>	IC411
<b>Starting/rated motor current</b>	2,8			
<b>Starting /rated motor torque</b>	2,4			

<b>PTC temperature (°C)</b>	120°C mandatory for motors for inverter duty
<b>PTC temperature (°C)</b>	120°C for T4
<b>PTC temperature (°C)</b>	90°C for T5
<b>PTC temperature (°C)</b>	70°C for T6

<b>MECHANICAL DATA</b>	
<b>Moment of inertia Kg m<sup>2</sup></b>	0,0006
<b>Bearings</b>	6202 2Z
<b>Max axial load</b>	156
<b>Max radial load</b>	356
<b>Bearings maintenance</b>	40.000 h
<b>Noise level (dB)</b>	78