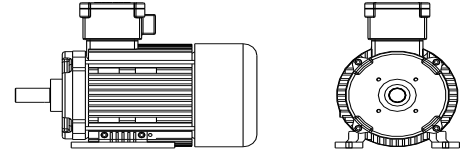


**DATA SHEET FOR THREE PHASE MOTOR PART NUMBER 3RL0016**

- **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	
<b>Frequency (Hz) ±2%</b>	50	60	<b>Frame size</b>	90
<b>Voltage ±5%</b>	230/400	265/460	<b>Type of construction</b>	IMB 3/5/35/14/34
<b>Power (Kw)</b>	1,1	1,27	<b>Weight (kg)</b>	16
<b>Motor speed (rpm)</b>	1440	1656	<b>Frame and Tbox material</b>	Aluminium EN46100
<b>Current (A) at V 230/400</b>	4,67/2,7		<b>Degree protection</b>	IP 55 or IP66
<b>Current (A) at V 265/460</b>		4,67/2,7	<b>Insulation</b>	F class
<b>Torque (N.m)</b>	7,7	6,54	<b>Duty</b>	S1
<b>Efficiency IE3</b>	84,1		<b>Cable entry</b>	N.2 M 20x1,5
<b>Power factor</b>	0,7	0,7	<b>Cooling type</b>	IC411
<b>Starting/rated motor current</b>	4,2			
<b>Starting /rated motor torque</b>	2,3			
<b>PTC temperature (°C)</b>	120°C FOR T4 /90°C FOR T5 /70 °C FOR T6- <b>MANDATORY FOR INVERTER DUTY</b>			

MECHANICAL DATA	
<b>Moment of inertia Kg m<sup>2</sup></b>	0,0029
<b>Bearings</b>	6205 2Z
<b>Max axial load</b>	280
<b>Max radial load</b>	639
<b>Bearings maintenance</b>	40.000 h
<b>Noise level (dB)</b>	78