

Technical drawing of the YRS25-R01 motor assembly, showing front, side, and rear views with dimensions and labels.

Front View (Left): Shows the motor's circular profile with a central shaft. The shaft diameter is labeled as $\Phi 25.4^{+0.2}_0$. The motor has two mounting feet at the bottom.

Side View (Middle): Shows the motor's profile with the following dimensions and labels:

- 转子端 (Rotor side):** Indicated by an arrow pointing left.
- 定子端 (Stator side):** Indicated by an arrow pointing right.
- 转子导线 (Rotor wire):** Points to the wire on the rotor side.
- 定子导线 (Stator wire):** Points to the wire on the stator side.
- 止转片 (Anti-rotation plate):** Points to the plate on the stator side.
- 4-M4螺钉 (4-M4 screws):** Points to the screws on the rotor side.
- Dimensions:** 8.5, 4, 86, 33.5, 42, 45.5, 61.

Rear View (Right): Shows the motor's circular profile with a central shaft. The shaft diameter is labeled as $\Phi 25.4^{+0.2}_0$. The motor has two mounting feet at the bottom.

电气技术指标		机械技术指标			
线数电流	一线两芯	工作寿命	<1000万转	转速	<250RPM
额定电压	0~380VAC/DC	外壳材质	全塑/铝轴	防护	IP51
电线规格	K型/AWG17#/300mm长	接触材料	金基/银基合金	重量	317g
绝缘电阻	100MΩ@500VDC	旋转扭矩	0.2N.m +0.02N.m/6路		
接触电阻	静止<5mΩ 转动<10mΩ	温度湿度	温度 (-30℃~120℃) 湿度 (0~85%)		