

DIY Robot Double Shaft Servo RDS3115 Kit- 180°/270° (RB016)



General Specification

- Storage temperature range: -20°C ~ 60°C
- Operating temperature range: -10°C ~ 50°C
- Operating voltage: 5V ~ 7.2V

Electrical Specification:

Description	5V	7.2V
Operating speed (at no load)	0.16sec/ 60°	0.14sec/ 60°
Running current (at no load)	80mA	100mA
Stall torque (at lock)	13.5kg.cm	15kg.cm
Stall current (at lock)	1.3A	1.5A
Idle current (at stopped)	4mA	5mA

Mechanical Specification

- Overall dimension :40 x 20 x 40.5mm
- Limit Angle:360°±10°
- Weight:64±1g
- Connector wire gauge: #28 PVC
- Connector wire length: 320±5mm
- Horn gear spline: 25T/ψ5.80
- Reduction ratio : 310:1

Control Specification

- Operating frequency:50-330Hz
- Operating angle: 90°/135° (from 1000 to 2000 usec)
- Neutral position :1500 usec
- Dead band with:3 usec
- Rotating direction :Counter clockwise (from 1000 to 2000 usec)
- Pulse width range :From 500 to 2500 usec

Note: This Servo have three version control angle: 180°/270°/360°, which depends your choose. But the 360° version contains only one shaft.

Mechanism Drawing

Unit: Millimeter

