

## **INTRODUCTION**

DSS-M15S is a heavy-duty metal gear standard servo with 270° wide angle, high torque power, improved stability and durability.

Able to take in 6V and deliver a strong torque power of over 15Kg, this tough 270° servo will never let you down when you need it. Tested with high load capacity for 12 hours long, this DSS-M15S servo demonstrates a maximum torque of 18Kg without much vibration or heat.

In addition, we enclose carefully selected steering parts, including an aluminum alloy wheel and a long bracket, to enhance servo performance.

## **SPECIFICATION**

Voltage: 4.8-7.2 Volts

Torque: 13.5Kg\*cm/15Kg\*cm (6.0V/7.0V)

Speed: 0.18 sec/60°/0.16 sec/60° (6.0V/7.0V)

Free Run Current: 80mA/100mA (6.0V/7.0V)

Stall Current: 1.8A/2A (6.0V/7.0V)

Standby Current: 4mA/5mA (6.0V/7.0V)

Rotation: 270°

Wheel Gear: Metal

Gear Ratio: 310:1

Dimension: 54.5\*20\*47.5mm(2.15\*0.79\*1.87")

Signal: RC PWM

Pulse Range: 500-2500 us

Frequency: 50-330Hz (Arduion-compatible)

## **DOCUMENTS**

Electrical Specification

Mechanical Specification

Control Specification

Mechanical Drawing

## **SHIPPING LIST**

DSS-M15S Servo x1

Metal round servo horn x1

X servo horn x1

long straight servo horn x1

Straight servo horn x1

M2\*8 self tapping screw x5

M2 screw washer x5

M3\*6 screw x1