

# PRODUCT SPECIFICATION

## RHIONRC T70 Brushless Servo

<b>Control System</b>	Pulse width modulation control		
<b>Refresh Rate</b>	333Hz		
<b>Neutral Position</b>	1520uS		
<b>Signal Mode</b>	Digital		
<b>Dead band</b>	2 uSec		
<b>Operating Voltage</b>	7.4V ~ 17.0V		
<b>Operating Temperature</b>	-15C°~ +70C°		
<b>Bearing</b>	Three Bearings		
<b>Limit Angle</b>	No Limit		
<b>Size</b>	40*20*41.5mm		
<b>Net Weight</b>	88.5g		
<b>Wire</b>	TYU +JST 300mm / 22AWG		
<b>Operating Travel</b>	180°±10°		
<b>Pulse width</b>	500 to 2500 uSec		
<b>Stall Torque</b>	48.0 kg-cm (667 oz-in) @ 11.1V 55.0 kg-cm (764 oz-in) @ 12.0V 60.0 kg-cm (834 oz-in) @ 14.4V 68.0 kg-cm (945 oz-in) @ 16.0V 70.0 kg-cm (973 oz-in) @ 16.8V	<b>Unload Current</b> 320 mA @ 11.1V 360 mA @ 12.0V 450 mA @ 14.4V 480 mA @ 16.0V 530 mA @ 16.8V	
<b>Operating Speed</b>	0.140 sec/ 60° @ 11.1V 0.130 sec/ 60° @ 12.0V 0.115 sec/60° @ 14.4V 0.108 sec/60° @ 16.0V 0.100 sec/60° @ 16.8V	<b>Loading Current</b> 4400 mA @ 11.1V 4600 mA @ 12.0V 5000 mA @ 14.4V 5400 mA @ 16.0V 6000 mA @ 16.8V	
<b>Direction</b>	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW		
<b>Waterproof Level</b>	<input type="checkbox"/> IP65 <input checked="" type="checkbox"/> IP67		
<b>Angle Sensor</b>	<input type="checkbox"/> Potentiometer <input checked="" type="checkbox"/> Magnet Angle Sensor		
<b>Motor Type</b>	<input checked="" type="checkbox"/> Brushless <input type="checkbox"/> Coreless <input type="checkbox"/> DC		
<b>Motor Drive</b>	<input checked="" type="checkbox"/> FET Drive <input type="checkbox"/> IC Drive <input type="checkbox"/> Transistor Drive		
<b>Programmable</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>Gear Material</b>	<input checked="" type="checkbox"/> Strength Steel <input checked="" type="checkbox"/> Titanium <input type="checkbox"/> Copper <input type="checkbox"/> Plastic		
<b>Horn Gear Spline</b>	<input checked="" type="checkbox"/> 25T-φ5.92mm <input type="checkbox"/> 25T-φ4.94mm <input type="checkbox"/> Other_____		
<b>Case Material</b>	<input checked="" type="checkbox"/> AL6061T6 <input type="checkbox"/> AL+Plastic <input type="checkbox"/> Plastic		
<b>Bearing Material</b>	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic		
<b>Horn Accessories</b>	<input checked="" type="checkbox"/> AL6061T6 <input type="checkbox"/> Plastic		
<b>Wire Color</b>	Negative: <input type="checkbox"/> Black <input checked="" type="checkbox"/> Brown Positive: <input type="checkbox"/> Black <input checked="" type="checkbox"/> Red Signal: <input type="checkbox"/> Grey <input type="checkbox"/> White <input checked="" type="checkbox"/> Orange		

# PRODUCT SPECIFICATION

RhinoRC T70 Standard Brushless Servo with the help of the long lifespan brushless motor which can reach almost 70kg-cm super torque with a speed of 0.100sec at 16.8V. T70 servo is made in heat sink case design for fast heat dissipation, added the extra patent steel gears, super smooth three ball bearings and the strengthen high chrome 2mm steel shaft for high precision digital controlling. It is a high performance standard digital servo perfect for scale crawlers, 1/10 & 1/8 scale buggies and trucks cars.

## Feature

Ultra light unique design with heat sink machining

High performance digital servo

Strengthen high chrome steel shaft

Extra strong patent steel gears

Super strong three ball bearings

High efficiency brushless motor

Full CNC Aluminium hulls and structure

Ideal for 1/8 Scale On road, off road, Truck, Boat, Airplane, Helicopter, Robot and engine etc.

