



# PRODUCT SPECIFICATION

## SA66BVMW(3S)

<b>Control System</b>	Pulse width modulation control		  <b>UNIT:MM</b>
<b>Refresh Rate</b>	333Hz		
<b>Neutral Position</b>	1520μS		
<b>Signal Mode</b>	Digital		
<b>Dead band</b>	2 μSec		
<b>Operating Voltage</b>	7.4V ~ 14.4V		
<b>Operating Temperature</b>	-15C° ~ +70C°		
<b>Bearing</b>	Dual Ball Bearings		
<b>Mechanical Angle</b>	No Limit		
<b>Size</b>	40.8*20.2*29.5mm		
<b>Net Weight</b>	66g		
<b>Wire</b>	TYU+JST 300mm / 22AWG		
<b>Operating Travel</b>	180°±10°		
<b>Signal Range</b>	500 to 2500 μSec		
<b>Stall Torque</b>	28.0 kg-cm (389 oz-in) @ 11.1V 30.0 kg-cm (417 oz-in) @ 12.0V 31.0 kg-cm (430 oz-in) @ 12.6V 35.0 kg-cm (486 oz-in) @ 14.4V	<b>Unload Current</b> 400 mA @ 11.1V 440 mA @ 12.0V 450 mA @ 12.6V 500 mA @ 14.4V	
<b>Operating Speed</b>	0.095 sec/ 60° @ 11.1V 0.086 sec/60° @ 12.0V 0.082 sec/60° @ 12.6V 0.073 sec/60° @ 14.4V	<b>Loading Current</b> 2700 mA @ 11.1V 3000 mA @ 12.0V 3200 mA @ 12.6V 3600 mA @ 14.4V	
<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>Servo Mode</b>	<input checked="" type="checkbox"/> Regular Mode <input checked="" type="checkbox"/> Winch Mode <input type="checkbox"/> Multiple-Rotation Mode		
<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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>Gear Material</b>	<input checked="" type="checkbox"/> Strength Steel <input 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"/> Aluminum + 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>	Battery Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown Battery Positive: <input type="checkbox"/> Black <input checked="" type="checkbox"/> Red Signal Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Orange Signal : <input type="checkbox"/> Black <input checked="" type="checkbox"/> White <input type="checkbox"/> Orange		

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