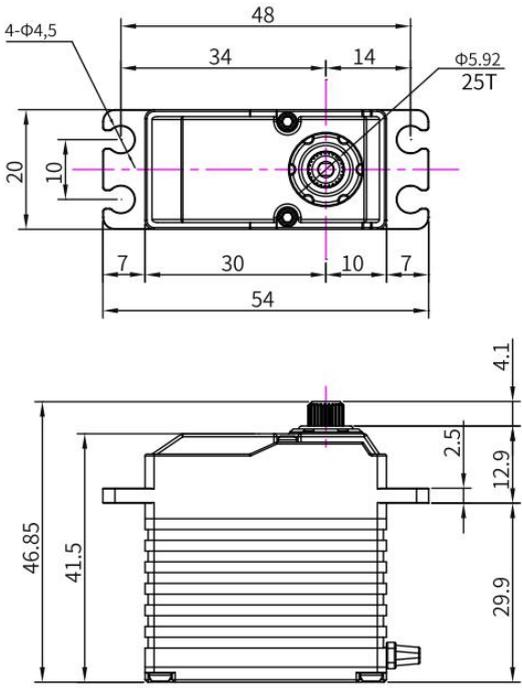


## A86BUMW

<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 ~ 17V		
<b>Operating Temperature</b>	-15C°~ +70C°		
<b>Bearing</b>	Three Ball Bearings		
<b>Mechanical Angle</b>	No Limit		
<b>Size</b>	40*20*41.5mm		
<b>Net Weight</b>	90.5g		
<b>Wire</b>	TYU+JST 300mm / 22AWG		
<b>Operating Travel</b>	180°±10°		
<b>Signal Range</b>	500 to 2500 uSec		
<b>Stall Torque</b>	46.0 kg-cm (639 oz-in) @ 12.0V 55.0 kg-cm (764 oz-in) @ 14.4V 62.0 kg-cm (861 oz-in) @ 16.0V 66.0 kg-cm (917 oz-in) @ 16.8V	<b>Unload Current</b> 450 mA @ 12.0V 530 mA @ 14.4V 600 mA @ 16.0V 630 mA @ 16.8V	
<b>Operating Speed</b>	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> 4600 mA @ 12.0V 4900 mA @ 14.4V 5200 mA @ 16.0V 5500 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 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 type="checkbox"/> AL6061T6 <input checked="" 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: <input type="checkbox"/> Grey <input checked="" type="checkbox"/> White <input type="checkbox"/> Orange Signal Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Orange		