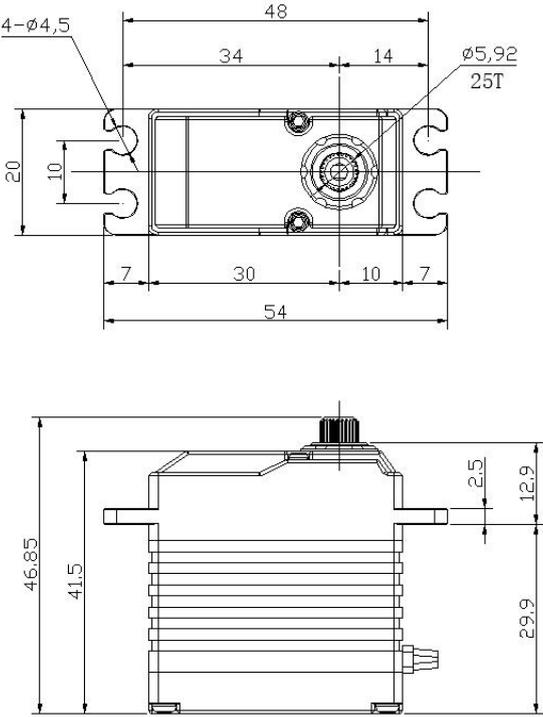


PRODUCT SPECIFICATION

SA86BVMW

Control System	Pulse width modulation control		 <p>The top view shows a rectangular servo motor with a total width of 48mm and a total height of 20mm. The mounting holes are spaced 34mm apart, with a 14mm distance from the center to the right edge. The horn diameter is 5.92mm. The side view shows a total height of 46.85mm, a main body height of 41.5mm, and a horn height of 2.5mm. The total length of the servo is 29.9mm.</p>
Refresh Rate	333Hz		
Neutral Position	1520uS		
Signal Mode	Digital		
Dead band	2 uSec		
Operating Voltage	7.4V ~ 17.0V		
Operating Temperature	-15C°~ +70C°		
Bearing	Three Ball Bearings		
Mechanical Angle	No Limit		
Size	40*20*41.5mm		
Net Weight	90.5g		
Wire	TYU+JST 300mm / 22AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 uSec		
Stall Torque	58.0 kg-cm (806 oz-in) @ 11.1V 65.0 kg-cm (903 oz-in) @ 12.0V 72.0 kg-cm (1000 oz-in) @ 14.4V 78.0 kg-cm (1084 oz-in) @ 16.0V 80.0 kg-cm (1112 oz-in) @ 16.8V	Unload Current	320 mA @ 11.1V 360 mA @ 12.0V 450 mA @ 14.4V 480 mA @ 16.0V 530 mA @ 16.8V
Operating Speed	0.140 sec/60° @ 11.1V 0.125 sec/60° @ 12.0V 0.110 sec/60° @ 14.4V 0.100 sec/60° @ 16.0V 0.095 sec/60° @ 16.8V	Loading Current	4500 mA @ 11.1V 4600 mA @ 12.0V 5000 mA @ 14.4V 5200 mA @ 16.0V 5500 mA @ 16.8V
Direction	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW		
Waterproof Level	<input type="checkbox"/> IP65 <input checked="" type="checkbox"/> IP67		
Servo Mode	<input checked="" type="checkbox"/> Regular Servo <input checked="" type="checkbox"/> Servo Winch <input type="checkbox"/> Multiple-Rotation Servo		
Angle Sensor	<input type="checkbox"/> Potentiometer <input checked="" type="checkbox"/> Magnet Angle Sensor		
Motor Type	<input checked="" type="checkbox"/> Brushless <input type="checkbox"/> Coreless <input type="checkbox"/> DC		
Motor Drive	<input checked="" type="checkbox"/> FET Drive <input type="checkbox"/> IC Drive <input type="checkbox"/> Transistor Drive		
Programmable	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Gear Material	<input checked="" type="checkbox"/> Strength Steel <input type="checkbox"/> Titanium <input type="checkbox"/> Copper <input type="checkbox"/> Plastic		
Horn Gear Spline	<input checked="" type="checkbox"/> 25T-φ5.92mm <input type="checkbox"/> 25T-φ4.94mm <input type="checkbox"/> Other_____		
Case Material	<input checked="" type="checkbox"/> AL6061T6 <input type="checkbox"/> AL+Plastic <input type="checkbox"/> Plastic		
Bearing Material	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic		
Horn Accessories	<input type="checkbox"/> AL6061T6 <input checked="" type="checkbox"/> Plastic		
Wire Color	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	