



PRODUCT SPECIFICATION

SA86BVMW

Control System	Pulse width modulation control			
Refresh Rate	333Hz			
Neutral Position	1520 μ S			
Signal Mode	Digital			
Dead band	2 μ Sec			
Operating Voltage	10V ~ 14V			
Operating Temperature	-15C° ~ +70C°			
Bearing	3BB			
Mechanical Angle	No Limit			
Size	40*20*41.5mm			
Net Weight	90.5g			
Wire	TYU 300mm / 22AWG			
Operating Travel	180° \pm 10°			
Signal Range	500 to 2500 μ Sec			
Stall Torque	40.0 kg-cm (556 oz-in) @ 9.9V		Unload Current	
	46.0 kg-cm (639 oz-in) @ 10.8V			
Operating Speed	57.0 kg-cm (792 oz-in) @ 12.0V		320 mA @ 9.9V	
	60.0 kg-cm (834 oz-in) @ 12.6V		360 mA @ 10.8V	
	66.0 kg-cm (917 oz-in) @ 14.4V		450 mA @ 12.0V	
	0.155 sec/ 60° @ 9.9V		480 mA @ 12.6V	
	0.145 sec/ 60° @ 10.8V		530 mA @ 14.4V	
Direction	0.125 sec/60° @ 12.0V		Loading Current	
	0.120 sec/60° @ 12.6V			3600 mA @ 9.9V
	0.105 sec/60° @ 14.4V			3900 mA @ 10.8V
	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW			4500 mA @ 12.0V
	<input type="checkbox"/> IP65 <input checked="" type="checkbox"/> IP67			4800 mA @ 12.6V
Servo Mode	<input checked="" type="checkbox"/> Regular Mode	<input checked="" type="checkbox"/> Winch Mode	<input type="checkbox"/> Multiple-Rotation Mode	
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- ϕ 5.92mm	<input type="checkbox"/> 25T- ϕ 4.94mm	<input type="checkbox"/> Other_____	
Case Material	<input checked="" type="checkbox"/> AL6061T6	<input type="checkbox"/> Aluminum + 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:	<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	

