



PRODUCT SPECIFICATION

A35CHS

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520 μ S		
Signal Mode	Digital		
Dead band	2 μ Sec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	Double Ball Bearings		
Mechanical Angle	220°		
Size	35.5*15*29.2mm		
Net Weight	41g		
Wire	TYU 180mm / 26AWG		
Operating Travel	180° \pm 10°		
Signal Range	500 to 2500 μ Sec		
Stall Torque	6.0 kg-cm (83 oz-in) @ 4.8V 7.0 kg-cm (97 oz-in) @ 6.0V 9.0 kg-cm (125 oz-in) @ 7.4V 10.5 kg-cm (146 oz-in) @ 8.4V	Unload Current	240mA @ 4.8V 300mA @ 6.0V 370mA @ 7.4V 430mA @ 8.4V
Operating Speed	0.100sec/60° @ 4.8V 0.090sec/60° @ 6.0V 0.080sec/60° @ 7.4V 0.075sec/60° @ 8.4V	Loading Current	2200mA @ 4.8V 2400mA @ 6.0V 2800mA @ 7.4V 3100mA @ 8.4V
Direction	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW		
Waterproof Level	<input type="checkbox"/> IP65 <input type="checkbox"/> IP67		
Angle Sensor	<input checked="" type="checkbox"/> Potentiometer <input type="checkbox"/> Magnet Angle Sensor		
Motor Type	<input type="checkbox"/> Brushless <input checked="" 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 type="checkbox"/> Strength Steel <input checked="" 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	Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown Positive: <input type="checkbox"/> Black <input checked="" type="checkbox"/> Red Signal: <input type="checkbox"/> Grey <input checked="" type="checkbox"/> White <input type="checkbox"/> Orange		