



PRODUCT SPECIFICATION

A73CHLW V2

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520uS		
Signal Mode	Digital		
Dead band	2 uSec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	Double Ball Bearings		
Mechanical Angle	No Limit		
Size	40*20*37.5mm (1.57x 0.78 x1.47 in)		
Net Weight	73g		
Wire	JR 300mm / 22AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 uSec		
Stall Torque	22 kg-cm (305.8oz-in) @ 4.8V 26 kg-cm (361.07oz-in) @ 6.0V 29 kg-cm (402.73 oz-in) @ 7.4V 32 kg-cm (444.40 oz-in) @ 8.4V	Unload Current	280mA @ 4.8V 350mA @ 6.0V 400mA @ 7.4V 450mA @ 8.4V
Operating Speed	0.180sec/ 60° @ 4.8V 0.160sec/60° @ 6.0V 0.145sec/60° @ 7.4V 0.135sec/60° @ 8.4V	Loading Current	3000mA @ 4.8V 3300mA @ 6.0V 4000mA @ 7.4V 4400mA @ 8.4V
Direction	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW		
Waterproof Level	<input type="checkbox"/> IP65 <input checked="" type="checkbox"/> IP67		
Angle Sensor	<input type="checkbox"/> Potentiometer <input checked="" 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 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	Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown Positive: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Red Signal: <input checked="" type="checkbox"/> Grey <input type="checkbox"/> White <input type="checkbox"/> Orange		

