

# LINEAR SERVO DATASHEET

Control System	PWM, 1520uS / 333Hz			
Operating Voltage	3.7V ~ 6.0V			
Operating Temperature	-20C°~ +60C°			
Measure Voltage::	At 3.7V	At 4.2V	At 5.0V	At 6.0V
Tension	120g.f	170g.f	200g.f	240g.f
Unloaded Speed	0.12S/7mm	0.11S/7mm	0.1S/7mm	0.08S/7mm
Unloaded Current	55mA	65mA	80mA	100mA
Loaded Current	230mA	300mA	400mA	450mA
Dead Zone	5 usec			
Life	>15000 Times/Unloaded			
Stroke	7mm±0.5mm			
Direction	Front/ PWM 1500 to 2100 usec			
Drive Type	Internal FET drive			
Motor Type	Hollow Cup Motor			
Locator Type	Directly Drive			
Amplifier Type	Digital			
Size	21.4*15.2*6.0mm			
Weight:	1.5g			
Bearing	None			
Gear Material	POM			
House Material	POM			
Wire Length	100mm			
Signal	31AWG			
Black	Negative			
Red	Positive			
White	Signal			
Application	Small fixed wing Aircraft			

