



<b>Part number</b>	STL 2612	<b>Speed @ 6.0V</b>	.17 sec / 60 degrees
<b>Servo length</b>	40mm / 1.57 inches	<b>Torque @ 6.0V</b>	245 N-cm (346 oz/in)
<b>Servo width</b>	20mm (.78 inches)	<b>Speed @ 7.4V</b>	.14 sec / 60 degrees
<b>Servo height</b>	37mm (1.45 inches)	<b>Torque @ 7.4V</b>	335 N-cm (475 oz/in)
<b>Servo weight</b>	69.8g (2.45 oz)	<b>Speed @ 8.4V</b>	.16 sec / 60 degrees
<b>Input voltage</b>	4.0 – 8.4 volts	<b>Torque @ 8.4V</b>	350 N-cm (495 oz/in)
<b>Gear Type</b>	Metal		
<b>Case</b>	precision full aluminum case		
<b>Spline</b>	25T standard		
<b>Rotation &amp; Multi turn</b>	Standard +/-60° Configurable up to 1,800° either direction for up to 10 turns total.		
<b>Precision</b>	0.1° Magnetic encoder		
<b>Data feedback</b>	Actual angle Angle commanded Temperature Actual torque %	Actual voltage Angular velocity Current Servo Status	
<b>Input / Output</b>	PWM pulse drive + data feedback on signal wire or Single wire serial data communications bus (half duplex RS232). Command up to 255 servos on a single data wire. See PM SERIAL servos.		