



Dimensions	102 × 71 × 40 mm	Speed @ 6.0V	.17 sec / 60 degrees
Max Stall Torque	260 Ncm (368 oz/in)	Torque @ 6.0V	180 N-cm (254 oz/in)
Part number	STL 2612	Speed @ 7.4V	.14 sec / 60 degrees
Servo length	40mm / 1.57 inches	Torque @ 7.4V	260 Ncm (368 oz/in)
Servo width	20mm (.78 inches)	Speed @ 8.4V	.12 sec / 60 degrees
Servo height	37mm (1.45 inches)	Torque @ 8.4V	260 Ncm (368 oz/in)
Servo weight	69.8g (2.45 oz)		
Rotation & Multi turn	Standard +/-60° Configurable up to 1,800° either direction for up to 10 turns total.		
Spline	25T standard		
Case	precision full aluminum case		
Gear Type	Metal		
Precision	0.1° Magnetic encoder		
Input voltage	4.0 – 8.4 volts		
Data feedback	Actual angle Angle commanded Temperature Actual torque %		Actual voltage Angular velocity Current Servo Status
Input / Output	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.		