



Dimensions	35 × 15 × 32 mm	Speed @ 6.0V	.09 sec / 60 degrees
Max Stall Torque	75 Ncm (82 oz/in)	Torque @ 6.0V	55 Ncm (78 oz/in)
Part number	0806MD	Speed @ 7.4V	.06 sec / 60 degrees
Servo length	35mm / 1.38 inches	Torque @ 7.4V	70 Ncm (99 oz/in)
Servo width	15mm (.6 inches)	Speed @ 8.4V	.05 sec / 60 degrees
Servo height	31.7mm (1.26 inches)	Torque @ 8.4V	75 Ncm (106 oz/in)
Servo weight	40g (1.41oz)		
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.		