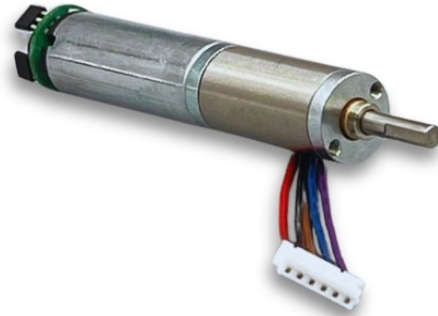




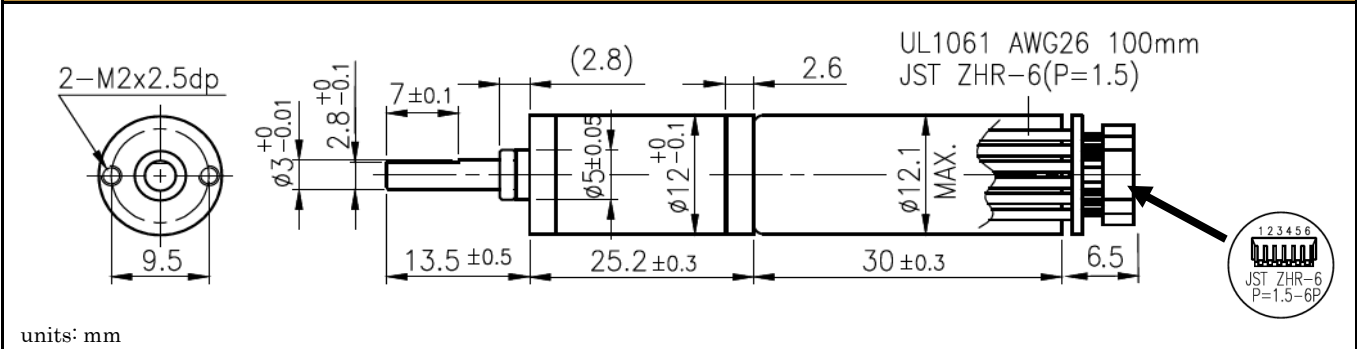
Our Planetary Gear Motors are an inline solution providing excellent torque & speed output. Equipped with an incremental magnetic encoder for optimal positioning. They're best for intermittent duty operation. With endless combinations, we have a fully tailored gear motor solution for you.

Contact Us for alternative solutions!

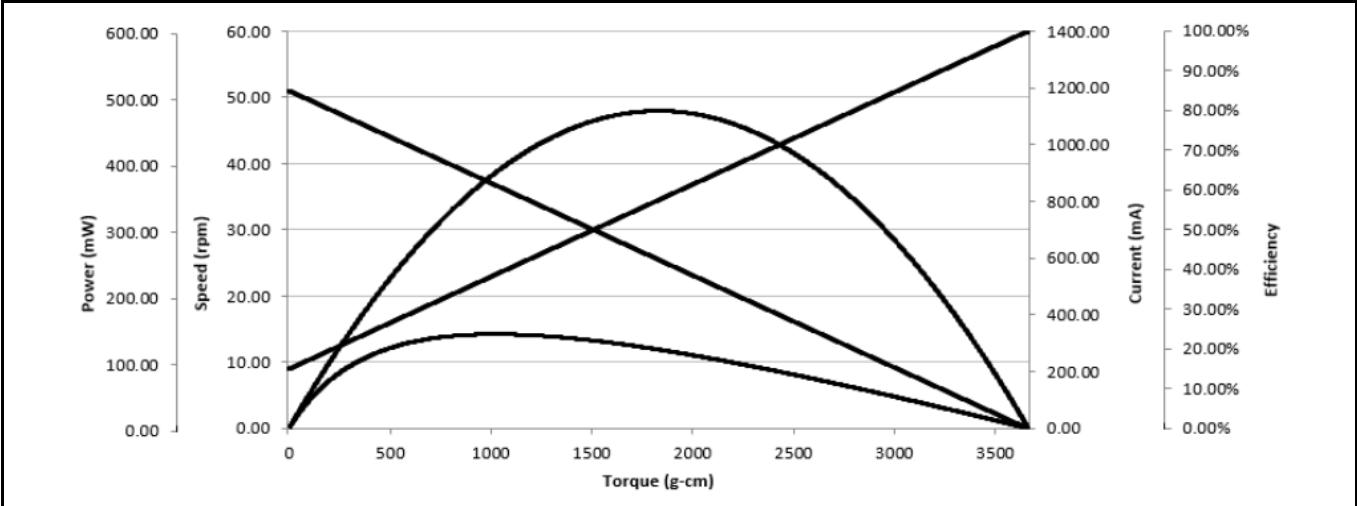


Specifications			
Gearhead Type:	Planetary	No-Load Speed:	49 rpm (+/- 10%)
Motor Type:	Carbon - Brushed	No-Load Current:	< 0.20 A
Rated Voltage:	3V DC	Stall Current:	1.4 A
Rated Speed:	39 rpm	Max. Power:	0.48 W
Rated Torque:	0.78 kg.cm	Reduction Ratio:	256:1
Termination Style:	Connector: JST PHR-6	Encoder Type:	Magnetic (2-Ch.-3PPR/6 Pole)

Dimensions

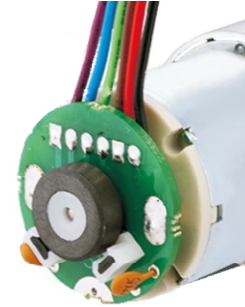


Performance Curve





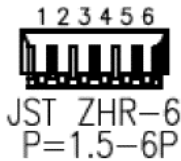
This gear motor is equipped with one of our magnetic encoders to provide exceptional feedback and control.



Specifications

Type:	Magnetic	Min. Operating Temp:	-10°C / 14°F
Channel(s):	2	Max. Operating Temp:	60°C / 140°F
Pulses per Revolution:	3 PPR	Max. Humidity:	85% (RH)
Supply Voltage:	3.5V - 20Vcc	Number of Wires:	6
Supply Current:	10mA (max.)	Connector Type:	JST PHR-6

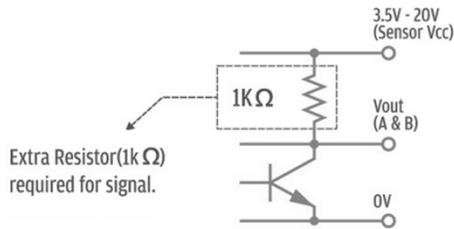
Dimensions / Connections



Encoder Connections		
1	Black	(-) Motor
2	Red	(+) Motor
3	Brown	Hall Sensor Vcc
4	Green	Hall Sensor GND
5	Blue	Hall Sensor A - V Out
6	Purple	Hall Sensor B - V Out

Electrical Characteristics

Output Circuit



Output Wave

