ISL Products International

ø42mm Planetary Gear Motor

Carbon - Brushed

MOT-IG42-12V-3600

Online ID#: PGM-42-12-3600-2-01

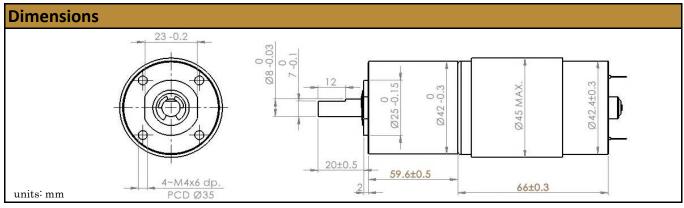
Our Planetary Gear Motors are an inline solution providing excellent torque output at various speeds. They are equiped to handle varying loads and are best for intermittent duty operation. With endless performance combinations, we have a fully tailored gear motor solution for you.



Contact Us for alternative solutions!

Specifications			
Gearhead Type:	Planetary	No-Load Speed:	2 rpm (+/- 10%)
Motor Type:	Carbon - Brushed	No-Load Current:	< 0.90 A
Rated Voltage:	12V DC	Stall Torque:	> 1,264 kg.cm
Rated Speed:	1.65 rpm	Max. Power:	29 W
Rated Torque:	861 kg.cm *	Reduction Ratio:	3,600:1
Rated Current:	4.50 A	Termination Style:	Terminals
* Gearbox limitations are set at 250	ka cm operating past this torque li	mit may create promature failure	

* Gearbox limitations are set at 250 kg.cm, operating past this torque limit may create premature failure.



Performance Curve 100.00% 35.00 2.50 25.00 90.00% 30.00 80.00% 2.00 20.00 25.00 70.00% 1.50 60.00% 20.00 15.00 (rpm) Current Power (W) 50.00% Effecier Speed (15.00 40.00% 1.00 10.00 30.00% 10.00 20.00% 0.50 5.00 5.00 10.00% 0.00% 0.00 0.00 0.00 0 1000 2000 3000 4000 5000 Torque (kg-cm)



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