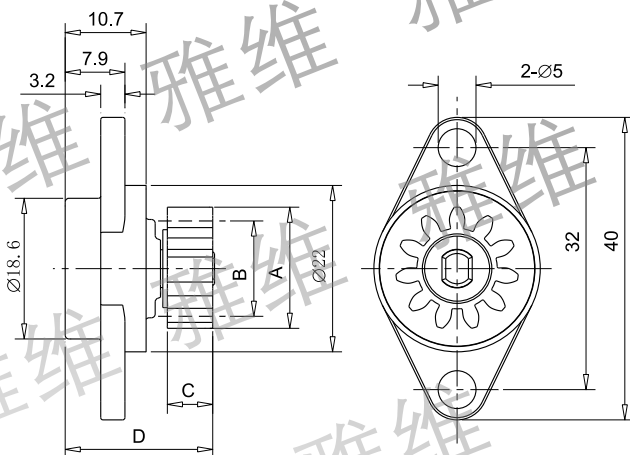
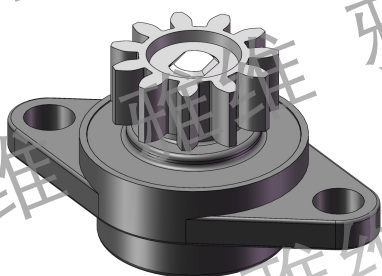




规格尺寸 Specification Size

主体 Housing	GD-031	
齿轮 Gear	GD-031	
G10	GD-031-G10	
	A 16.25mm B 13.75mm C 8.0mm D 20.5mm	
G11	GD-031-G11	
	A 16.25mm B 13.75mm C 6.0mm D 19.5mm	
G12	GD-031-G12	
	A 14.75mm B 12.0mm C 5.0mm D 18.0mm	

扭矩类型 Torque Type

型号 Part No.	扭矩 Torque (gf.cm/N.cm)	扭矩方向 Direction
GD-031-G*-300	300±70 / 3±0.7	双向 Bouth Directions
GD-031-G*-500	500±100 / 5±1	
GD-031-G*-650	650±115 / 6.5±1.15	
GD-031-G*-950	950±200 / 9.5±2	
GD-031-G*-1200	1200±250 / 12±2.5	
GD-031-G*-1500	1500±300 / 1.5±3	
GD-031-G*-2000	2000±400 / 20±4	
GD-031R/L-G*-300	300±70 / 3±0.7	单向 Uni- Directional
GD-031R/L-G*-500	500±100 / 5±1	
GD-031R/L-G*-650	650±115 / 6.5±1.15	
GD-031R/L-G*-950	950±200 / 9.5±2	
GD-031R/L-G*-1200	1200±250 / 12±2.5	
GD-031R/L-G*-1500	1500±300 / 1.5±3	
GD-031R/L-G*-2000	2000±400 / 20±4	

齿轮参数 Gear Specification

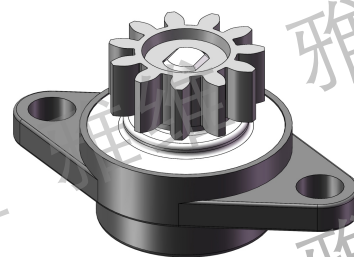
型号 Part No.	G10	G11	G12
类型 Type	标准正齿轮Standard Spur Gear		
齿形Teeth Profile	渐开线齿轮并齿Involuteds Full Depth Gear		
模数Module	1.25	1.25	1.0
压力角Pressure Angle	20°	20°	20°
齿数Number of Teeth	11	11	12
基准节圆Pitch Diameter	Ø13.75	Ø13.75	Ø12.0

备注 Remark

- ①扭矩数据为20rpm,温度为23°C。
Standard torque is decided at 20rpm and 23°C
- ②可以通过更换油的粘度提供特殊扭力定货。
Within limits different torques can viscosity oil.
- ③R: 顺时针方向, L: 逆时针方向。
R: Clockwise, L: anti-Clockwise.

材料 Materials

名称 Description	材质 Material
底座 Housing	PC/ABS
盖子 Cap	PC/ABS
转轴 Rotor	POM/SUS
齿轮 Gear	POM
油 Oil	硅油-Silicone oil



缓冲器耐久性 Damper Durability

- *最大使用回转速度 Max.Rotation Speed(rpm) 50
- *最大使用频率 Max.Cycle Rate(cycles/min) 10
- *使用温度范围 Operatin Temperature(°C) -30 ~ 80
- *耐久使用 Durability
50000次(常温:23°C) 1循环=正转1.5圈→反转1.5圈(90rpm)
50000cycles(23°Cambient temperature)
1cycle=1.5revolutions forward(90rpm) →
1.5revolutions backward(90rpm)