

PD008008

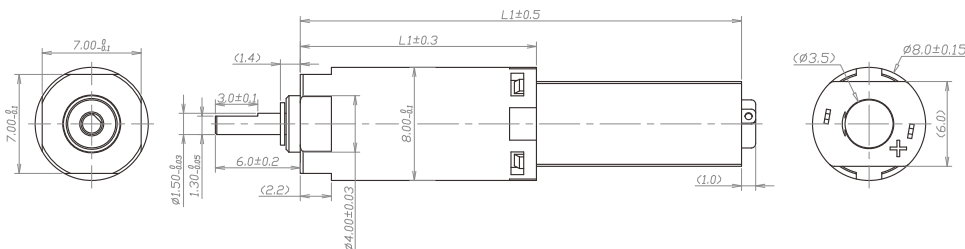
齿轮箱规格 Gearbox Specifications

外径	Outer diameter	8mm	轴承	Bearing	含油轴承 oil-impregnated bearings
材质	Material	塑料 Plastic	轴向窜动	Axial Play	≤0.3mm
旋转方向	Direction of rotation	cw & ccw	输出轴径向负载	Radial Load at Output Shaft	≤0.8N
齿轮箱回程差	Backlash	≤3°	工作温度	Operating temperature range	-20 ~ +85°C

齿轮级数 Gearbox Stages

		1	2	3	4
减速比	Reduction ratio	4 / 5	13 / 19 / 28	47 / 69 / 102 / 152	168 / 249 / 369 / 546 / 809
最大容许扭力 (gf.cm)	Max rated torque of gearbox (gf.cm)	50	100	200	400
瞬间容许力矩 (gf.cm)	Max. intermittent torque (gf.cm)	200	300	600	900
齿轮箱效率 (%)	Gearbox efficiency (%)	85	73	65	58
长度 (mm)	Gearbox length L1 (mm)	8.6	11.3	14	16.7

技术插图 | Technical Drawing



马达规格参数 Motor Specifications

马达(可选择) Motor type (optional)	直流有刷电机、步进电机 Brushed DC motor, Stepper motor	输入速度 Input speed	≤30000rpm
电压(可选择) Voltage (optional)	3-12V	负载电流 Load current	150mA max

型号 Model	Rated Speed 额定转速	Max Speed 最高转速	Max Rated Torque 齿轮箱额定容许力矩	Max. Intermittent Torque 齿轮箱瞬间容许力矩	Reduction Ratio 减速比	Gearbox Length 减速箱长 L1	Overall Length 总长 L
	rpm	rpm	gf.cm	gf.cm		mm	mm
PD008008-4	3111	4233	50	200	3.6	8.6	23.1
PD008008-5	2100	2857	50	200	5.3		
PD008008-13	864	1122	100	300	13.0	11.3	25.8
PD008008-19	583	758	100	300	19.2		
PD008008-28	394	511	100	300	28.4		
PD008008-47	240	306	200	600	46.7	14.0	28.5
PD008008-69	162	207	200	600	69.1		
PD008008-102	109	140	200	600	102.4		
PD008008-152	74	94	200	600	151.7		
PD008008-168	67	84	300	900	168.0	16.7	31.2
PD008008-249	45	56	300	900	248.8		
PD008008-369	30	38	300	900	368.6		
PD008008-546	21	26	300	900	546.1		
PD008008-809	14	17	300	900	809.1		

注:可根据客户要求定制 Specifications can be customized per customer requirements.