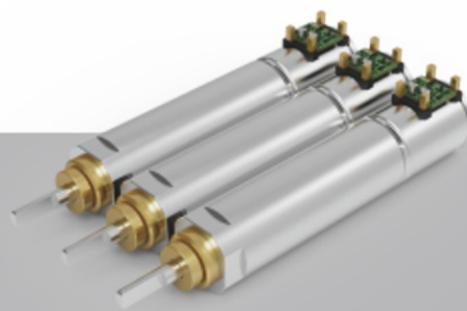


3.4
mmMetal
五金

MD003003

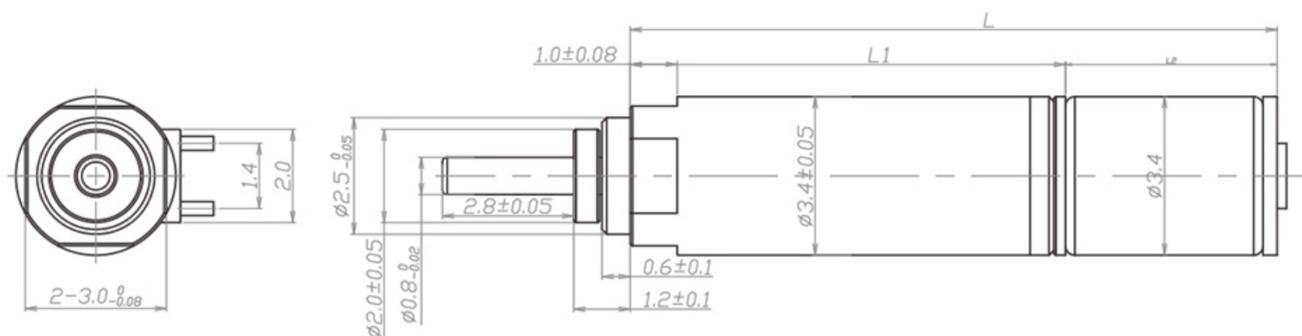
齿轮箱规格 Gearbox Specifications

外径	Outer diameter	3.4mm	轴承	Bearing	含油轴承 oil-impregnated bearings
材质	Material	五金 Metal	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	≤0.3N
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	5	25	125	625
最大容许扭力 (gf.cm)	Max rated torque of gearbox (gf.cm)	50	50	50	50
瞬间容许力矩 (gf.cm)	Max. intermittent torque (gf.cm)	150	150	150	150
齿轮箱效率 (%)	Gearbox efficiency (%)	85	73	65	58
长度 (mm)	Gearbox length L1 (mm)	6	7.5	9	10.5

技术插图 | Technical Drawing



马达规格参数 Motor Specifications

马达	Motor type	步进电机 Stepper motor	输入速度	Input speed	≤10000rpm
电压	Voltage	3V	负载电流	Load current	50mA max

型号 Model	Speed at 2400pps 2400pps频率转速	Max Rated Torque 额定容许力矩	Max. Intermittent Torque 瞬间容许力矩	Reduction Ratio 减速比	Gearbox Length 减速箱长 L1	Overall Length 总长 L
	rpm	gf.cm	gf.cm		mm	mm
MD003003-5	1440.0	50	150	5	6.0	10.75
MD003003-25	288.0	50	150	25	7.5	12.25
MD003003-125	57.6	50	150	125	9.0	13.75
MD003003-625	11.5	50	150	625	10.5	15.25

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