



MD038038

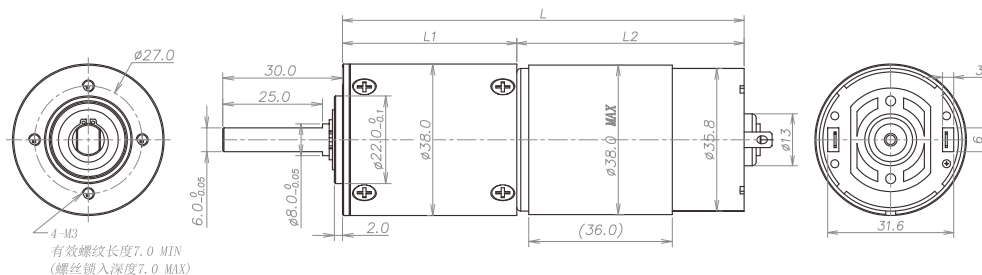
齿轮箱规格 Gearbox Specifications

外径 Outer diameter	38mm	轴承 Bearing	滚动轴承 Rolling bearing
材质 Material	五金 Metal	轴向窜动 Axial Play	≤0.1mm
旋转方向 Direction of rotation	cw & ccw	输出轴径向负载 Radial Load at Output Shaft	≤300N
齿轮箱回程差 Backlash	≤2° 可定制 Customizable	工作温度 Operating temperature range	-20 ~ +100°C

齿轮级数 Gearbox Stages

	1	2	3	4
减速比 Reduction ratio	4 / 6	16 / 25 / 39	64 / 100 / 156 / 244	256 / 400 / 625 / 977 / 1526
最大容许扭力 (gf.cm) Max rated torque of gearbox (gf.cm)	80000	80000	80000	80000
瞬间容许力矩 (gf.cm) Max. intermittent torque (gf.cm)	240000	240000	240000	240000
齿轮箱效率 (%) Gearbox efficiency (%)	90	85	80	75
长度 (mm) Gearbox length L1 (mm)	30.7	43.7	56.7	69.7

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、直流无刷电机、步进电机 Brushed DC motor, Brushless DC motor, Stepper motor	输入速度 Input speed	≤15000rpm
电压(可选择) Voltage (optional)	3-24V	负载电流 Load current	300mA max

参考数据(马达定义值: 24V 6100rpm) 下表根据马达定义值测试, 数据只作为参考值。Parameter (values at 24V & 6100rpm) The following data is for reference only.

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
MD038038-4	1525	7500	80000	240000	4	30.7	87.7
MD038038-6-25	976	4800	80000	240000	6.25		
MD038038-16	381	1875	80000	240000	16	43.7	100.7
MD038038-25	244	1200	80000	240000	25		
MD038038-39	156	769	80000	240000	39		
MD038038-64	95	469	80000	240000	64	56.7	113.7
MD038038-100	61	300	80000	240000	100		
MD038038-156	39	192	80000	240000	156		
MD038038-244	25	123	80000	240000	244		
MD038038-256	24	117	80000	240000	256	69.7	126.7
MD038038-400	15	75	80000	240000	400		
MD038038-625	10	48	80000	240000	625		
MD038038-977	6	31	80000	240000	977		
MD038038-1526	4	20	80000	240000	1526		

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