

38
mm

Metal
五金



ZWMD038038

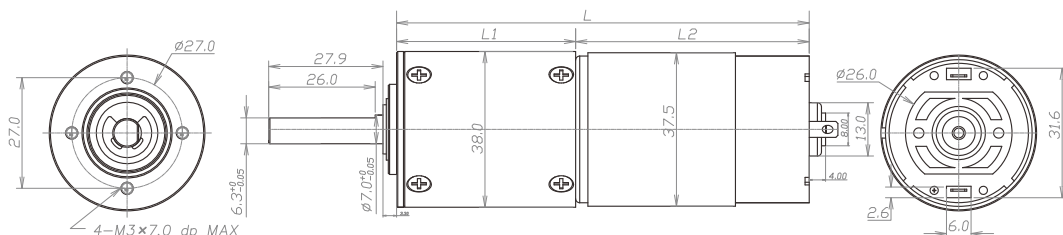
齿轮箱规格 Gearbox specifications

外径 Outer diameter	38mm	轴承 Bearing	烧结轴承 Porous Bearing	滚动轴承 Rolling bearing
材质 Material	五金 Metal	轴向窜动 Axial endplay	≤0.1mm	≤0.1mm
旋转方向 Direction of rotation	cc & ccw	输出轴径向负载 Radial loading on output shaft	≤200N	≤300N
齿轮箱回程差 Gear backlash	≤2° (可定制)	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) Max rated torque of gear box	80000	80000	80000	80000
瞬间容许力矩 (gf.cm max) Instant torque of gear box	240000	240000	240000	240000
齿轮箱效率 Gearbox efficiency	90	85	80	75
长度 Length	30.7	43.7	56.7	69.7

技术插图 | Technical illustrations



马达规格参数 Motor specifications

马达(可选择) Motors(Optional)	空心杯电机、无刷电机、步进电机 Coreless motor, brushless motor, Stepper motor	输入速度 Input speed	≤15000rpm
电压(可选择) Voltage(Optional)	3-24V	电流 Current	300MA max

参考数据 (马达定值): 24v 6100rpm 下表根据马达定值测试, 数据只作为参考值

型号 Model	Rated Speed 额定转速	Max Speed 最高转速	Max Rated Torque 额定容许力矩	Max Instant Torque 瞬间容许力矩	Reduction ratio 减速比	Length 减速箱长 L1	Overall Length 总长 L
	rpm	rpm	gf.cm	gf.cm		mm	mm
ZWMD038038-4	1875	7500	80000	240000	4	30.7	87.7
ZWMD038038-6.25	1200	4800	80000	240000	6.25		
ZWMD038038-16	469	1875	80000	240000	16	43.7	100.7
ZWMD038038-25	300	1200	80000	240000	25		
ZWMD038038-39	192	769	80000	240000	39		
ZWMD038038-64	117	469	80000	240000	64	56.7	113.7
ZWMD038038-100	75	300	80000	240000	100		
ZWMD038038-156	48	192	80000	240000	156		
ZWMD038038-244	31	123	80000	240000	244		
ZWMD038038-256	29	117	80000	240000	256	69.7	126.7
ZWMD038038-400	19	75	80000	240000	400		
ZWMD038038-625	12	48	80000	240000	625		
ZWMD038038-977	8	31	80000	240000	977		
ZWMD038038-1526	5	20	80000	240000	1526		

注: 可根据客户要求定制 Can customize product as requirements