



ZWPD008008

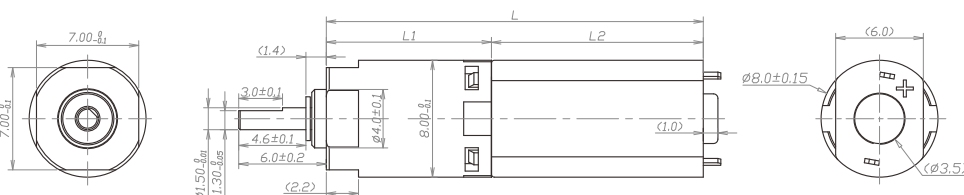
齿轮箱规格 Gearbox specifications

外径 Outer diameter	8mm	轴承 Bearing	烧结轴承 Porous Bearing	滚动轴承 Rolling bearing
材质 Material	塑料 Plastic	轴向窜动 Axial endplay	≤0.3mm	≤0.2mm
旋转方向 Direction of rotation	cc & ccw	输出轴向负载 Radial loading on output shaft	≤0.8N	≤5N
齿轮箱回程差 Gear 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) Max rated torque of gear box	50	100	200	400
瞬间容许力矩 (gf.cm max) Instant torque of gear box	200	300	600	900
齿轮箱效率 Gearbox efficiency	85	73	65	58
长度 Length	8.6	11.3	14	16.7

技术插图 | Technical illustrations



马达规格参数 Motor specifications

马达(可选择) Motors(Optional)	直流有刷电机、直流无刷电机、步进电机 DC brush motor, DC brushless motor, Stepper motor	输入速度 Input speed	≤ 30000rpm
电压(可选择) Voltage(Optional)	3-12V	电流 Current	150MA max

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
ZWPD008008-4	2083	8333	50	200	3.6	8.6	23.1
ZWPD008008-5	1406	5625	50	200	5.3		
ZWPD008008-13	579	2315	100	300	13.0	11.3	25.8
ZWPD008008-19	391	1563	100	300	19.2		
ZWPD008008-28	264	1055	100	300	28.4		
ZWPD008008-47	161	643	200	600	46.7	14	28.5
ZWPD008008-69	109	434	200	600	69.1		
ZWPD008008-102	73	293	200	600	102.4		
ZWPD008008-152	49	198	200	600	151.7		
ZWPD008008-168	45	179	400	900	168.0	16.7	31.2
ZWPD008008-249	30	121	400	900	248.8		
ZWPD008008-369	20	81	400	900	368.6		
ZWPD008008-546	14	55	400	900	546.1		
ZWPD008008-809	9	37	400	900	809.1		

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