



ZWBPD010010

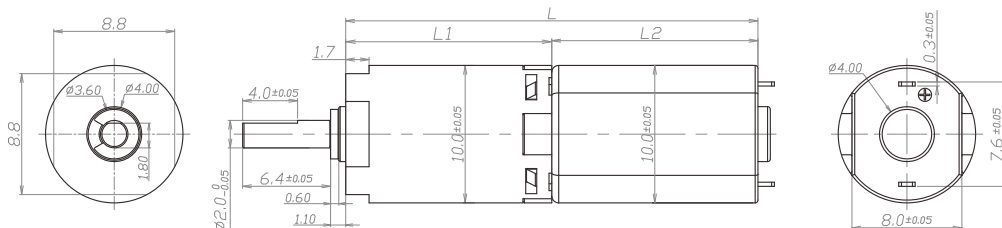
齿轮箱规格 Gearbox specifications

外径 Outer diameter	10mm	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	输出轴径向负载 Radial loading on output shaft	≤1N	≤7N
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 / 6	13 / 19 / 28	46 / 69 / 102 / 151	168 / 249 / 368 / 546 / 809
最大容许扭力 (gf.cm max) Max rated torque of gear box	600	600	600	850
瞬间容许力矩 (gf.cm max) Instant torque of gear box	1200	1200	1200	1700
齿轮箱效率 Gearbox efficiency	85	73	65	58
长度 Length	9.7	12.8	15.9	19

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)	3-24V	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
ZWBPD010010-4	1875	7500	600	1200	4	9.7	24.7
ZWBPD010010-6	1250	5000	600	1200	6		
ZWBPD010010-13	577	2308	600	1200	13	12.8	27.8
ZWBPD010010-19	395	1579	600	1200	19		
ZWBPD010010-28	268	1071	600	1200	28		
ZWBPD010010-46	163	652	600	1200	46		
ZWBPD010010-69	109	435	600	1200	69	15.9	30.9
ZWBPD010010-102	74	294	600	1200	102		
ZWBPD010010-151	50	199	600	1200	151		
ZWBPD010010-168	45	179	600	1200	168		
ZWBPD010010-249	30	120	850	1700	249	19	34
ZWBPD010010-368	20	82	850	1700	368		
ZWBPD010010-546	14	55	850	1700	546		
ZWBPD010010-809	9	37	850	1700	809		

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