

10
mm

Metal
五金



ZWBMD010010

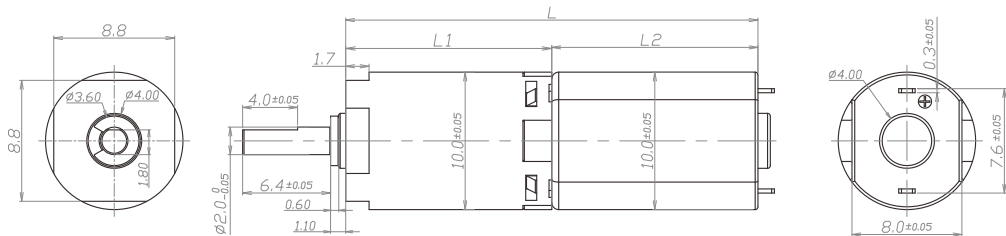
齿轮箱规格 Gearbox specifications

外径 Outer diameter	10mm	轴承 Bearing	烧结轴承 Porous Bearing	滚动轴承 Rolling bearing
材质 Material	五金 Metal	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	≤2N	≤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	1500	1500	1500	1800
瞬间容许力矩 (gf.cm max) Instant torque of gear box	4500	4500	4500	4500
齿轮箱效率 Gearbox efficiency	87	74	63	56
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
ZWBMD010010-4	1875	7500	1500	4500	4	9.7	24.7
ZWBMD010010-6	1250	5000	1500	4500	6		
ZWBMD010010-13	577	2308	1500	4500	13	12.8	27.8
ZWBMD010010-19	395	1579	1500	4500	19		
ZWBMD010010-28	268	1071	1500	4500	28		
ZWBMD010010-46	163	652	1500	4500	46	15.9	30.9
ZWBMD010010-69	109	435	1500	4500	69		
ZWBMD010010-102	74	294	1500	4500	102		
ZWBMD010010-151	50	199	1500	4500	151		
ZWBMD010010-168	45	179	1800	4500	168	19	34
ZWBMD010010-249	30	120	1800	4500	249		
ZWBMD010010-368	20	82	1800	4500	368		
ZWBMD010010-546	14	55	1800	4500	546		
ZWBMD010010-809	9	37	1800	4500	809		

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