



ZWBMD010010

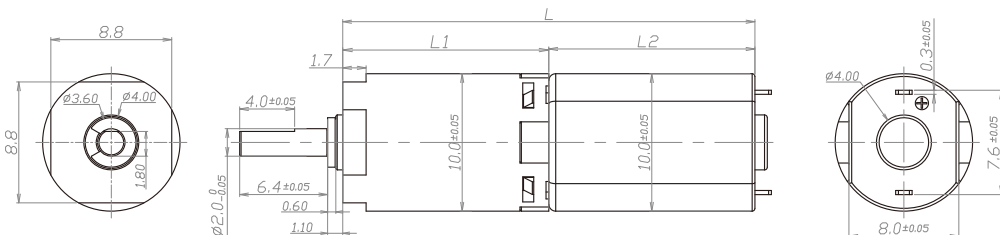
齿轮箱规格 Gearbox specifications

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
传动比 Transmission 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	2000	2000	2000	2000
瞬间容许力矩 (gf.cm max) Instant torque of gear box	6000	6000	6000	6000
齿轮箱效率 Gearbox efficiency	87	74	63	56
长度 Length	9.7	12.8	15.9	19

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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	≤3000rpm
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	Gear 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	2000	6000	4	9.7	24.7
ZWBMD010010-6	1250	5000	2000	6000	6		
ZWBMD010010-13	577	2308	2000	6000	13	12.8	27.8
ZWBMD010010-19	395	1579	2000	6000	19		
ZWBMD010010-28	268	1071	2000	6000	28	15.9	30.9
ZWBMD010010-46	163	652	2000	6000	46		
ZWBMD010010-69	109	435	2000	6000	69		
ZWBMD010010-102	74	294	2000	6000	102		
ZWBMD010010-151	50	199	2000	6000	151		
ZWBMD010010-168	45	179	2000	6000	168	19	34
ZWBMD010010-249	30	120	2000	6000	249		
ZWBMD010010-368	20	82	2000	6000	368		
ZWBMD010010-546	14	55	2000	6000	546		
ZWBMD010010-809	9	37	2000	6000	809		