

# ZWBMD032032

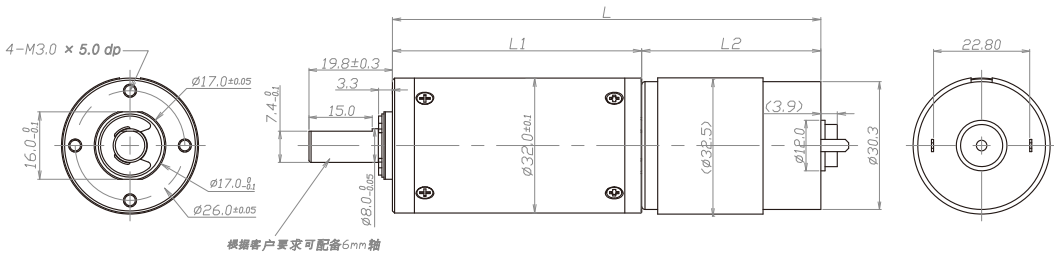
## 齿轮箱规格 Gearbox specifications

外径 Outer diameter	32mm	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	≤120N	≤180N
齿轮箱回程差 Gear backlash	≤2° (可定制)	工作温度 Operating temperature range	-30 ~ +100°C	

## 齿轮级数 Gearbox stages

	1	2	3	4
传动比 Transmission ratio	4 / 6	16 / 24 / 33	67 / 94 / 133 / 188	272 / 383 / 540 / 763 / 1076
最大容许扭力 (gf.cm max) Max rated torque of gear box	50000	50000	50000	50000
瞬间容许力矩 (gf.cm max) Instant torque of gear box	150000	150000	150000	150000
齿轮箱效率 Gearbox efficiency	90	85	80	75
长度 Length	29.1	39.1	49.1	59.1

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## 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 (马达定义值): 24v 7700rpm 下表根据马达定义值测试, 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	Gear Ratio 减速比	Length 减速箱长 L1	Overall Length 总长 L
	rpm	rpm	gf.cm	gf.cm		mm	mm
ZWBMD032032-4	1875	7500	50000	150000	4	29.1	71.6
ZWBMD032032-6	1250	5000	50000	150000	6		
ZWBMD032032-16	469	1875	50000	150000	16	39.1	81.6
ZWBMD032032-24	313	1250	50000	150000	24		
ZWBMD032032-33	227	909	50000	150000	33		
ZWBMD032032-67	112	448	50000	150000	67	49.1	91.6
ZWBMD032032-94	80	319	50000	150000	94		
ZWBMD032032-133	56	226	50000	150000	133		
ZWBMD032032-188	40	160	50000	150000	188		
ZWBMD032032-272	28	110	50000	150000	272	59.1	101.6
ZWBMD032032-383	20	78	50000	150000	383		
ZWBMD032032-540	14	56	50000	150000	540		
ZWBMD032032-763	10	39	50000	150000	763		
ZWBMD032032-1076	7	28	50000	150000	1076		

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