



MD032032

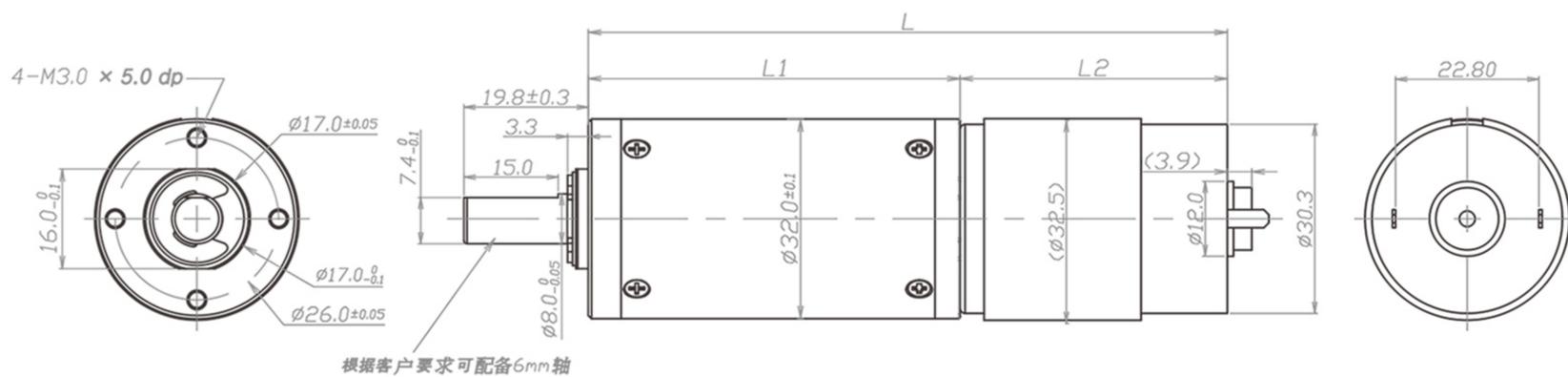
齿轮箱规格 Gearbox Specifications

外径	Outer diameter	32mm	轴承	Bearing	含油轴承 oil-impregnated bearings	滚动轴承 Rolling bearing
材质	Material	五金 Metal	轴向窜动	Axial Play	≤0.3mm	≤0.3mm
旋转方向	Direction of rotation	cw & ccw	输出轴径向负载	Radial Load at Output Shaft	≤120N	≤180N
齿轮箱回程差	Backlash	≤3° 可定制 Customizable	工作温度	Operating temperature range	-20 ~ +75°C	

齿轮级数 Gearbox Stages

		2	3	4
减速比	Reduction ratio	16 / 23 / 33	67 / 94 / 133 / 188	272 / 383 / 541 / 764 / 1078
最大容许扭力 (gf.cm)	Max rated torque of gearbox (gf.cm)	50000	50000	50000
瞬间容许力矩 (gf.cm)	Max. intermittent torque (gf.cm)	150000	150000	150000
齿轮箱效率 (%)	Gearbox efficiency (%)	85	80	75
长度 (mm)	Gearbox length L1 (mm)	39.1	49.1	59.1

技术插图 | Technical Drawing



马达规格参数 Motor Specifications

马达(可选择) Motor type (optional)	直流有刷电机、直流无刷电机 Brushed DC motor, Brushless DC motor	输入速度 Input speed	≤12000rpm
电压(可选择) Voltage (optional)	3-24V	负载电流 Load 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。 Parameter (values at 24V & 7700rpm) The following data is for reference only.

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. Intermittent Torque 瞬间容许力矩	Reduction Ratio 减速比	Gearbox Length 减速箱长 L1	Overall Length 总长 L
	rpm	rpm	gf.cm	gf.cm		mm	mm
MD032032-16	469	1875	50000	150000	16	39.1	81.6
MD032032-23	313	1250	50000	150000	23		
MD032032-33	227	909	50000	150000	33		
MD032032-67	112	448	50000	150000	67	49.1	91.6
MD032032-94	80	319	50000	150000	94		
MD032032-133	56	226	50000	150000	133		
MD032032-188	40	160	50000	150000	188		
MD032032-272	28	110	50000	150000	272	59.1	101.6
MD032032-383	20	78	50000	150000	383		
MD032032-541	14	56	50000	150000	541		
MD032032-764	10	39	50000	150000	764		
MD032032-1078	7	28	50000	150000	1078		

注: 可根据客户要求定制 Specifications can be customized per customer requirements.