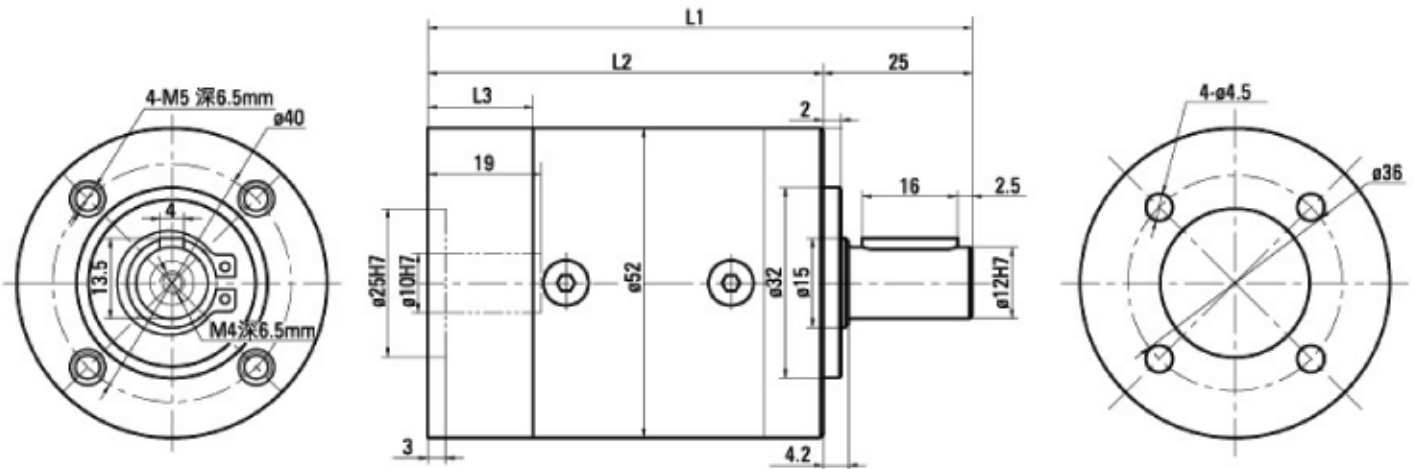


## 机械参数 Dimensions



### 技术资料 TECHNICAL DATA

传动级数 Transmission stage	一级传动 Stage 1 transmission	二级传动 Stage 2 transmission	三级传动 Stage 3 transmission
传动效率 Transmission efficiency	90%	81%	73%
最大径向负载 Max radial load	200N	320N	450N
最大轴向负载 Max axial load	60N	100N	150N
瞬间承受扭矩 Instant beared torque	3倍于额定扭矩 Three times of the rated torque		
工作温度 Operating temperature	-10°C---+80°C		
润滑方式 Lubrication type	终身润滑 Lifetime lubrication		
安装方式 Mounting type	任意安装 Any		
推荐输入转速 Recommend input speed	3000RPM		
输入与输出 Input and output	同向 Same direction		
齿轮箱长度L1 / Gearbox length	91.4mm	107.8mm	124.2mm
箱体长度L2 / Body length	66.4mm	82.8mm	99.2mm
后盖长度L3 / End-cover length		17.7mm	

第一级行星轮材料 Stage 1 planetary material		一级传动 Stage 1 transmission	二级传动 Stage 2 transmission	三级传动 Stage 3 transmission
传动扭矩 Transmission torque	塑料 Plastic POM	1.2N.M	4~10N.M	25N.M
	金属 Metal 40Cr	4N.M	12N.M	25N.M
噪声 Noise	塑料 Plastic POM		45dB(A)	
	金属 Metal 40Cr		60dB(A)	

### 速比排列 Reduction ratio list

一级传动 Stage 1 transmission	二级传动 Stage 2 transmission	三级传动 Stage 3 transmission	
3.65	13(13.3)	49(48.63)	188(188.2)
5.36	20(19.5)	71(71.4)	206(206.3)
6.55	24(23.9)	87(87.2)	248(247.9)
8.63	31(31.5)	105(104.8)	272(271.8)
	29(28.7)	115(114.9)	281(281)
	35(35.1)	128(128.1)	303(302.9)
	43(42.9)	154(154)	370(370.2)
	46(46.2)	157(156.6)	399(399.2)
	56(56.5)	169(168.8)	489(488.8)

● 作用在额定扭矩下第一级行星两种材质的寿命相同，塑料材质一般用于同直径电机。● 输入端可以按电机的尺寸合理调节：1. 可调尺寸：止口直径 $\phi 25H7$ ，止口深度3。2. 电机轴有效长度19（变化齿轮长度成正比）3. 可调尺寸：后盖的直径大小。● 输出端可以按客户特殊要求特配：1. 出轴直径不能超过 $\phi 15$ ，安装凸台不能小于直径 $\phi 32$ 。2. 输出法兰可为方型。

● the lifetime of the two materials for the stage 1 planetary is the same under the circumstance of rated torque. plastic material is generally used for the motor with same diameter. ● the input end can be adjusted according to the motor dimension: 1. adjustable dimension: spigot diameter  $\phi 25H7$ , spigot depth 3. 2. motor shaft effective length 19 fit is proportional to the change of gear length 3. djustable dimension: end-cover diameter. ● the output end can be decided by the customer: 1. the output diameter can not be exceed 15, assembling locating convex can not be less than 32. 2. output flange can be square.