

28PA-6

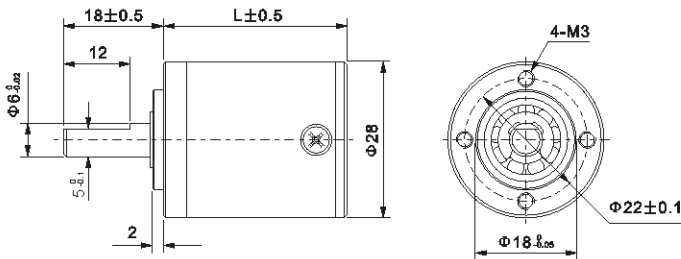
PLANET GEAR HEAD

Φ28mm

微型行星齿轮箱



Dimensions/外形和安装尺寸



Housing Material (外壳材料)	Metal (金属)
Backlash at No-Load (无负荷时背隙)	≤2.5°
Bearing at Output (输出轴承)	Ball or Sleeve
Permissible Overhung Load (径向负荷)	≤3.5kg
Permissible Thrust Load (轴向负荷)	≤2.5kg
Max. Radial Play (最大径向间隙)	≤0.05mm
Max. Thrust play (最大轴向间隙)	≤0.3mm
Note: Overhung Load (径向负荷) at 10 mm from flange	

Gear Box Specifications 齿轮箱参数

齿轮箱型号 Model	减速比	精确减速比	传动级数	最大允许力距	瞬间允许力距	效率	齿轮箱长度
	Reduction Ratio 1:X	Exact Reduction Ratio 1:X	Number of Gear Train #	Rated Permissible Torque Kg.cm	Momentary Permissible Torque Kg.cm	Efficiency %	Gear Box Length mm
28PA0004G-6	4	3 12/17	1	10	30	85	25.1
28PA0005G-6	5	5 2/11					
28PA0013G-6	14	13 212/289	2	15	45	72	32.8
28PA0019G-6	19	19 38/187					
28PA0027G-6	27	26 103/121					
28PA0051G-6	51	50 4397/4913	3	20	60	61	40.6
28PA0071G-6	71	71 524/3179					
28PA0100G-6	100	99 1044/2057					
28PA0139G-6	139	139 184/1331					
28PA0189G-6	189	188 51013/83521	4	25	75	52	48.3
28PA0264G-6	264	263 39370/54043					
28PA0369G-6	369	368 28689/34969					
28PA0515G-6	516	515 14250/14641					
28PA0720G-6	721	720 14481/14641					

Extended reduction ratio/扩展的减速比

齿轮箱型号 Model	减速比	精确减速比	传动级数	最大允许力距	瞬间允许力距	效率	齿轮箱长度
	Reduction Ratio 1:X	Exact Reduction Ratio 1:X	Number of Gear Train #	Rated Permissible Torque Kg.cm	Momentary Permissible Torque Kg.cm	Efficiency %	Gear Box Length mm
28PA0977G-6	977	977 318590/918731	5	30	90	45	55.8
28PA1367G-6	1367	1366 352585/594473					
28PA1911G-6	1911	1910 332327/384659					
28PA2672G-6	2672	2671 224176/248897					
28PA3736G-6	3736	3736 5521/161051					

Pinion Specifications/马达齿轮型式

Module/模数	0.5	
No. of teeth/齿数	17	11
Pressure angle/压力角	20°	
Hole diameter/孔径	Φ2.28	
Reduction ratio/减速比	3.7/13/51/189	5/19/27/71/100/139/264/369/515/720/981/1370/1913/2671/3730

Most Applied Motors:

- 1.260/380/385/395 PMDC motor
- 2.28 BLDC motor

适用范围:

1. 260/380/385/395永磁直流电机
2. 28BLDC直流无刷电机

Motor Installation/马达装卸方法

