

● PRODUCT SERIES 产品系列

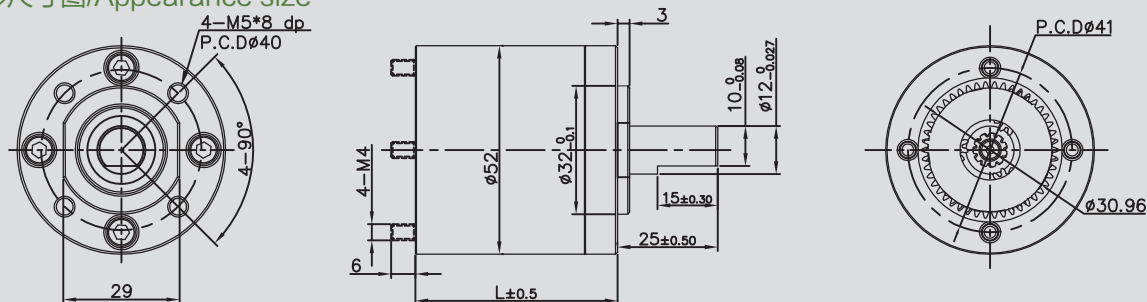
行星减速箱 Planetary Gearbox PG52



外壳材质 (Housing material): metal
 背隙,无负荷时 (Backlash,at no-load): $\leq 1.5^\circ$
 轴承型号 (Bearing at output): Ball bearings
 径向间隙 (Radial play of shaft): ≤ 0.1 mm
 轴向间隙 (Thrust play shaft): ≤ 0.2 mm
 齿轮箱适用于ZY52马达。
 (The gear box can apply to ZY52 motors)

△ 马达瞬间允许扭矩450kgf·cm。当使用低转速、高速比时，请选用低功率马达，请做好保护措施。
 (When the motors using at low speed , high gear ratio will cause gear motor torque more than 450kgf.cm.At this torque the gears will be broken easily. Be noted.)

外形尺寸图/Appearance size



马达齿轮参数/Pinion Specifications

模数 Module	0.7	0.7		
齿数 NO.of teeth	11	17		
压力角 Pressure angle	20°	20°		
孔径 Hole diameter	φ 4.5D型	φ 7.96		

使用温度范围/Operating temperature range: $-30^\circ\text{C} \sim +85^\circ\text{C}$
 使用相对湿度/Operating relative humidity: 20%~85%RH

标准减速比参数/Gearboxes Specifications

减速比 Raduction ratio	精确减速比 Raduction absolute	额定允许扭矩 Rated tolerance torque	极限扭矩 Max breaking torque	效率 Efficiency	级数 Number of stages	齿轮箱长度 Gearbox length "L" mm	输入输出方向 Input/output direction
3.7, 5.2	312/17, 52/11	50.0kgf·cm	150.0kgf·cm	90%	1	27.3	=
13.7, 19.2, 26.9	133/4, 1938/187, 26103/121	100.0kgf·cm	300.0kgf·cm	81%	2	38.9	=
50.9, 71.2	504397/4913, 71524/3179	300.0kgf·cm	900.0kgf·cm	73%	3	50.5	=
99.5, 139	991044/2057, 139184/1331	300.0kgf·cm	900.0kgf·cm	73%	3	50.5	=
188, 264, 369	188.611, 263.729, 369.763	300.0kgf·cm	900.0kgf·cm	65%	4	62.1	=
516, 721	515.630, 720.989	300.0kgf·cm	900.0kgf·cm	65%	4	62.1	=
669, 997	698.969, 977.347	300.0kgf·cm	900.0kgf·cm	59%	5	73.7	=
1367, 1911	1366.593, 1910.864	300.0kgf·cm	900.0kgf·cm	59%	5	73.7	=
2672, 3736	2671.901, 3736.034	300.0kgf·cm	900.0kgf·cm	59%	5	73.7	=

○ 以上参数仅做参考，具体以实物为准。
 The above parameters are for reference only.