

● PRODUCT SERIES 产品系列

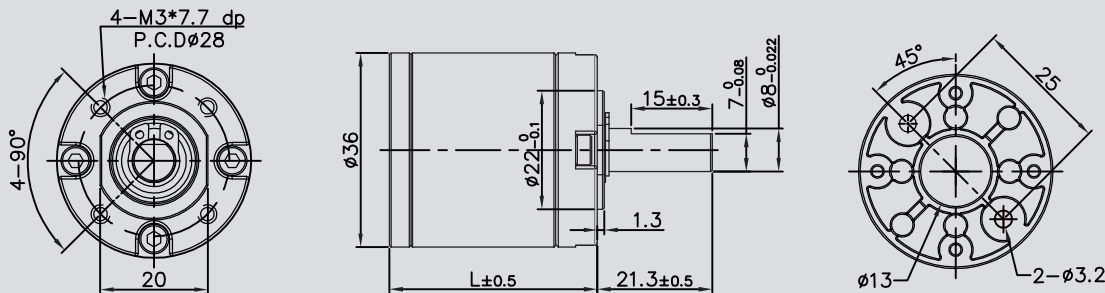
行星减速机 Planetary Gearbox PG36



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RS-528, BL36, RS-555和ZY36马达。
 (The gear box can apply to RS-528,BL36,RS-555 and ZY36 motors)

△ 马达瞬间允许扭矩150kgf·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 150kgf.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	0.48	0.48	0.48
齿数 NO.of teeth	11	17	17
压力角 Pressure angle	20°	20°	20°
孔径 Hole diameter	$\phi 1.98$	$\phi 2.28$	$\phi 3.14$

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 Reduction ratio	精确减速比 Reduction 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 “L” mm	输入输出方向 Input/output direction
3.7, 5.2	3 ₁₂ 17, 5 ₂ 11	20.0kgf·cm	60.0kgf·cm	90%	1	25.1	=
13.7, 19.2, 26.9	13 ₃ 4, 19 ₃₈ 187, 26 ₁₀₃ 121	50.0kgf·cm	150.0kgf·cm	81%	2	32.3	=
50.9, 71.2	50 ₄₃₉₇ 4913, 71 ₅₂₄ 3179	100.0kgf·cm	300.0kgf·cm	73%	3	38.5	=
99.5, 139	99 ₁₀₄₄ 2057, 139 ₁₈₄ 1331	100.0kgf·cm	300.0kgf·cm	73%	3	38.5	=
188, 264, 369	188 _{.611} , 263 _{.729} , 369 _{.763}	100.0kgf·cm	300.0kgf·cm	65%	4	44.7	=
516, 721	515 _{.630} , 720 _{.989}	100.0kgf·cm	300.0kgf·cm	65%	4	44.7	=
669, 997	698 _{.969} , 977 _{.347}	100.0kgf·cm	300.0kgf·cm	59%	5	50.9	=
1367, 1911	1366 _{.593} , 1910 _{.864}	100.0kgf·cm	300.0kgf·cm	59%	5	50.9	=
2672, 3736	2671 _{.901} , 3736 _{.034}	100.0kgf·cm	300.0kgf·cm	59%	5	50.9	=

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