

PL032GL30K Planetary Gearbox

● General Information

- 1-Stage use helical gears
- Max. Backlash at no-load: $\leq 2.5^\circ$
- Recommend input speed: $< 10000\text{rpm}$
- Operating temperature range: $-15^\circ\text{C} \sim +80^\circ\text{C}$
- Other requirements can be customized optionally



● Specification

	Unit	PL032GL30K-1S	PL032GL30K-2S	PL032GL30K-3S	PL032GL30K-4S
Reduction ratio		1/3.7, 1/5.2	1/14, 1/19, 1/27, 1/35	1/51, 1/71, 1/100, 1/139	1/181, 1/218, 1/305, 1/354 1/426, 1/495, 1/596
Efficiency	%	90	81	73	66
Number of stages		1	2	3	4
Rated Continuous torque	Nm	0.3	1.2	2.5	3.0
Max. Momentary torque	Nm	1	3.5	7.5	9.0
Max. Radial load(10mm from flange)	N	100	100	100	100
Max. Axial load	N	50	50	50	50
Max. Shaft press fit force	N	100	100	100	100
Gearbox Length	mm	25.7	32.8	39.7	46.6
Weight	g	120	156	189	222

● Mechanical

