

PL080GL800K Planetary Gearbox

● General Information

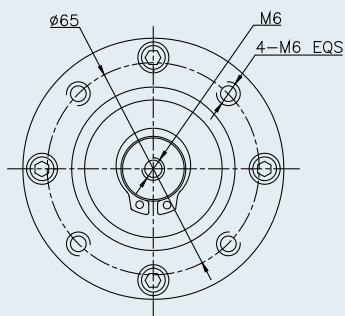
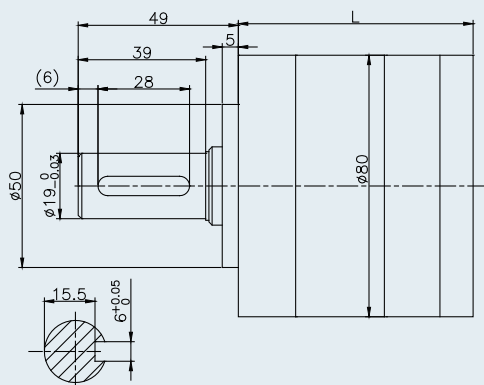
- 1-Stage use helical gears
- Max. Backlash at no-load: $\leq 2.5^\circ$
- Recommend input speed: $< 4000\text{rpm}$
- Operating temperature range: $-15^\circ\text{C} \sim +80^\circ\text{C}$
- Other requirements can be customized optionally



● Specification

	Unit	PL080GE800K-1S	PL080GE800K-2S	PL080GE800K-3S	PL080GE800K-4S
Reduction ratio		1/3.55, 1/5.31, 1/6.6	1/13, 1/19, 1/23	1/26, 1/30, 1/37	1/50, 1/74, 1/92, 1/111, 1/138
Efficiency	%	90	81	81	73
Number of stages		1	2	3	4
Rated Continuous torque	Nm	8.0	30.0	60.0	80.0
Max. Momentary torque	Nm	12.0	45.0	90.0	120.0
Max. Radial load(10mm from flange)	N	600	600	600	600
Max. Axial load	N	200	200	200	200
Max. Shaft press fit force	N	1000	1000	1000	1000
Gearbox Length	mm	55.7	72.2	72.2	88.5
Weight	g	1100	1500	1500	1880

● Mechanical



MOTOR INSTALLATION

