

PL042GL100K Planetary Gearbox

● General Information

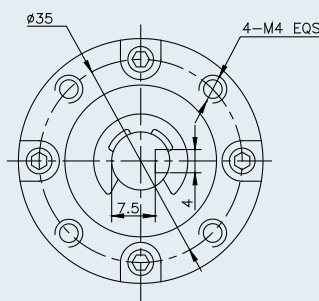
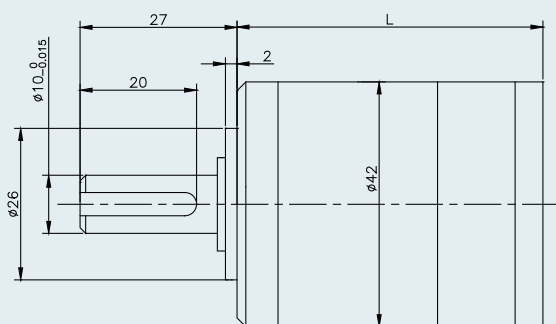
- 1-Stage use helical gears
- Max. Backlash at no-load: $\leq 2.5^\circ$
- Recommend input speed: $< 5000\text{rpm}$
- Operating temperature range: $-15^\circ\text{C} \sim +80^\circ\text{C}$
- Other requirements can be customized optionally



● Specification

	Unit	PL042GL100K-2S	PL042GL100K-3S	PL042GL100K-4S
Reduction ratio		1/14, 1/19, 1/27	1/49, 1/59, 1/68, 1/82, 1/95, 1/115	1/181, 1/218, 1/253, 1/305, 1/354 1/426, 1/495, 1/596
Efficiency	%	81	73	66
Number of stages		2	3	4
Rated Continuous torque	Nm	4.0	8.0	10.0
Max. Momentary torque	Nm	12.0	25.0	30.0
Max. Radial load(10mm from flange)	N	200	200	200
Max. Axial load	N	100	100	100
Max. Shaft press fit force	N	150	150	150
Gearbox Length	mm	42.1	52.5	62.9
Weight	g	314	433	519

● Mechanical



MOTOR INSTALLATION

