

PL056GL450K Planetary Gearbox

● General Information

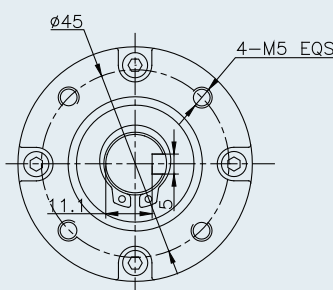
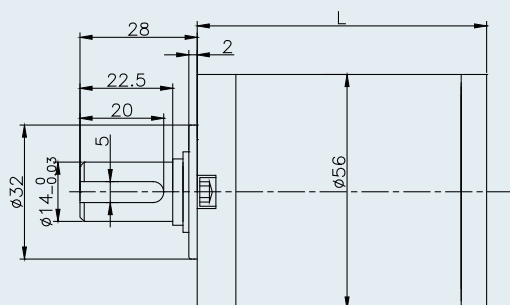
- 1-Stage use helical gears
- Max. Backlash at no-load: $\leq 2.5^\circ$
- Recommend input speed: $< 4000\text{rpm}$
- Operating temperature range: $-15^\circ\text{C} \sim +80^\circ\text{C}$
- Other requirements can be customized optionally



● Specification

	Unit	PL056GL450K-1S	PL056GL450K-2S	PL056GL450K-3S	PL056GL450K-4S
Reduction ratio		1/4.2, 1/5.0	1/15, 1/18, 1/21, 1/27	1/50, 1/60, 1/72, 1/85 1/113, 1/142	1/179, 1/218, 1/259 1/306, 1/361
Efficiency	%	90	81	73	66
Number of stages		1	2	3	4
Rated Continuous torque	Nm	4.0	18.0	36.0	45.0
Max. Momentary torque	Nm	10.0	50.0	100.0	110.0
Max. Radial load(10mm from flange)	N	400	400	400	400
Max. Axial load	N	120	120	120	120
Max. Shaft press fit force	N	300	300	300	300
Gearbox Length	mm	40.3	53.8	67.2	80.6
Weight	g	450	720	930	1150

● Mechanical



MOTOR INSTALLATION

