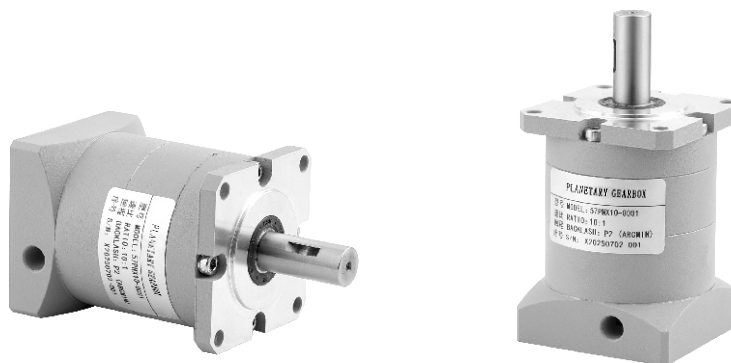


PNX SERIES PRECISION PLANETARY GEAR MOTOR

Product Graph



Technical Data

Product type		23	34	Reduction ratio	Number of stage
Rated output torque	N.M	24.5	102	3	1
		28	105	5	
		13	57	10	
		24.5	111	15	2
		23.5	114	25	
		24	86	50	
		12	57	100	
Life	Hour	20,000			
Instant stop torque	N.M	35.8	151	3	1
		41	145	5	
		19	80	10	
		35.8	155	15	2
		47.5	158	25	
		33	120	50	
		17	80	100	

Product type	23	34	Unit	Number of stage
Max radial load	600	950	N	
Max axial load	300	525	N	
Full load efficiency	90		%	1
	85			2
Weight	1	3.15	Kg	1
	1.35	3.65		2
Operating temperature	-10~+90		℃	
IP	IP65			
Lubrication type	Lifetime lubrication			
Mounting type	Any			

The max radial and axial torque work in the location of the center of output shaft when the out speed is 100RPM.

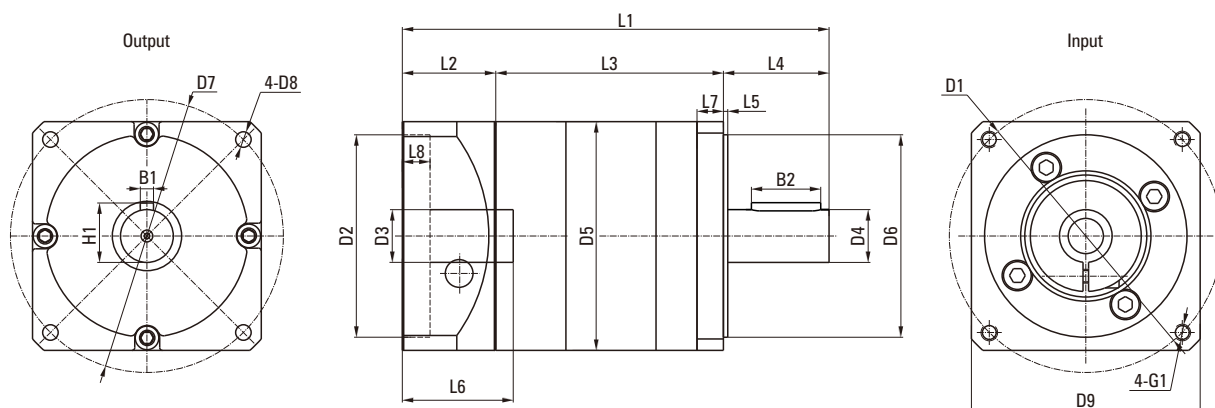
Product type		23	34	Number of stage
Backlash (P1)	arcmin (P1)	<7	<7	1
		<9	<9	2
Backlash	arcmin	<10	<10	1
		<14	<14	2
Noise	dB(A)	63	65	
Max input speed	min ⁻¹	5000	5000	
Recommend input speed	min ⁻¹	3000	3000	

1. The moment of inertia is related with input shaft.

2. Noise test standard, distance 1m, measured noload running with an input speed of 3000rpm.

PNX SERIES PRECISION PLANETARY GEAR MOTOR

Dimensions



Unit: mm

PN	23PNX		34PNX	
Number of stage	1	2	1	2
L1 overall length	/	/	/	/
L2 overall ights	/	/	/	/
L3 body length	59.4	82.8	82.1	114.3
L4 output shaft length	31.75		38.1	
L5 spigot length	1.57		1.57	
L6 motor shaft length	/		/	
L7 key length to the shaft end	6.35		9.52	
L8 spigot depth	/		/	
D1 mounting hole distribution circle	/		/	
D2 spigot diameter	/		/	
D3 input shaft diameter	/		/	
D4 output shaft diameter	Φ12.7h7		Φ19.05h7	
D5 shaft shoulder diameter	Φ57		Φ82.5	
D6 spigot diameter	Φ38.1h7		Φ73.025h7	
D7 hole circle	Φ66.68		Φ98.4	
D8 through hole	Φ5.2		Φ5.6	
D9 input flange	/		/	
B1 key width	5		6	
B2 key length	25		25	
H1 key height	14.7		21.55	
G1 mounting threads x depth	/		/	

※ Input size made according to motor size.

※ The dimensions of L6, L9, D1, D2, D3, D9, Q3, and G1 are installation dimensions for customer's motor, and the total length of L1 depends on the size of customer's motor.