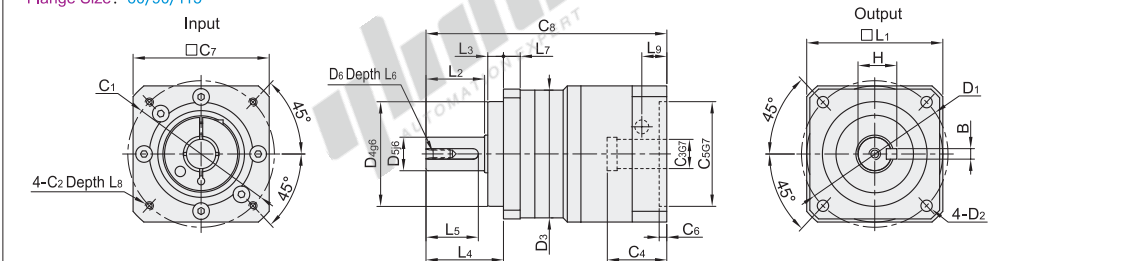


Code	Type	Applicable Motor
JLD01	Helical Gear Single Stage	Servo Motor/Stepper Motor

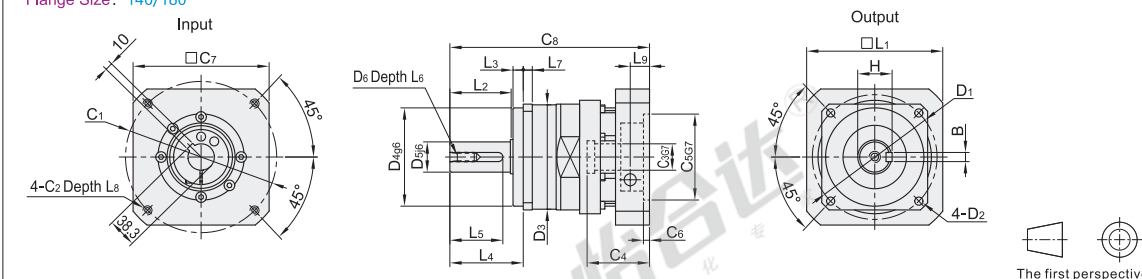
Feature:

- Helical gear transmission, carburizing and quenching treatment, gear profile modification treatment, to ensure low noise and smooth operation. The bearing capacity is 20% higher than that of straight gear;
- Using integral output shaft and bearing support at both ends of planetary wheel to achieve high precision and strength;
- The backlash clearance is small, it can achieve less than 3 arcmin.

Flange Size: 60/90/115



Flange Size: 140/180



The first perspective

Part Number	Flange Size	Reduction Ratio	Applicable Motor Brand	Applicable Motor Power
JLD01	60		P (Panasonic)	200W/400W Servo Motor/57 Stepper Motor
	90		M (Mitsubishi)	750W Servo Motor/86 Stepper Motor
	115	3 4 5 7 10	S (Sanyo)	1.0KW/1.5KW Servo Motor/110/130 Stepper Motor
	140		Y (Yaskawa)	2.0~4.5KW 130 Servo Motor/180 Servo Motor
	180		Z (Other)	4.5~7.5KW 180 Servo Motor



Part Number	Flange Size	Reduction Ratio	Applicable Motor Brand
JLD01	60	3 4 5 7 10	P M S Y Z

JLD01-60-3-P



Discount price	Per	1-5	6~
Price	100%	Additional quotation	



Delivery	8
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Size Chart

Flange Size	D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	L5	L6	L7	L8	L9	C1	C2	C3	C4	C5	C6	C7	C8	B	H
60	70	5.5	61	50	16	M5	62	28	7.5	37	25	10	8	8	10.5	70	M4	14	33	50	5	65	115	5	18
90	100	6.5	88	80	22	M8	90	36	10.5	48	33	16	12	10	13.5	90	M5	19	50	70	6	90	148	6	24.5
115	130	9	115	110	32	M12	115	58	5.5	65	50	25	15	16	25	145	M8	22	65.5	110		130	197	10	35
140	165	11	138	130	40	M16	140		13.5	97	70	35	12								8		264	12	43
180	215	13.5	180	160	55	M20	180	82	21.5	105	75	40	16.5	24	25.5	200	M12	35	82.5	114.3		180	286.5	16	59

Reducer Performance Table

Specification	Unit	Reduction Ratio	Flange Size				
			60	90	115	140	180
Rated Output Torque	N-m	3	18	50	120	240	600
		4					
		5	27	75	180	360	750
		7					
		10	18	50	120	240	500
Emergency Stop Torque	N-m	3 Times Rated Output Torque					
Rated Input Speed	rpm		3000	3000	3000	2000	1500
Maximum Input Speed	rpm	—	6000	6000	6000	3500	3000
Maximum Radial Force	N		1200	2400	4300	9100	15000
Maximum Axial Force	N		1100	2200	3900	8200	14000
Efficiency	%		97				
Average Lifetime	h		20000				
Weight	kg	—	1.4	3.7	8	16	36
Backlash	arcmin		≤3				
Operating Temperature	°C		-25~90				
Torsional Rigidity	N-m/arcmin	—	7	14	25	50	145
Noise Value	dB	—	60	62	62	68	70
Lubrication	—		Synthetic Grease Lubrication				
IP Rating	—		IP65				

Moment of Inertia of Reducer

Specification	Unit	Reduction Ratio	60	90	115	140	180
Moment of Inertia	kg-cm ²	3	0.16	0.61	3.25	12.31	28.98
		4	0.14	0.48	2.74	7.54	23.67
		5			2.71	7.42	22.75
		7	0.13	0.47	2.62	7.25	22.48
		10		0.44	2.57	7.14	22.55