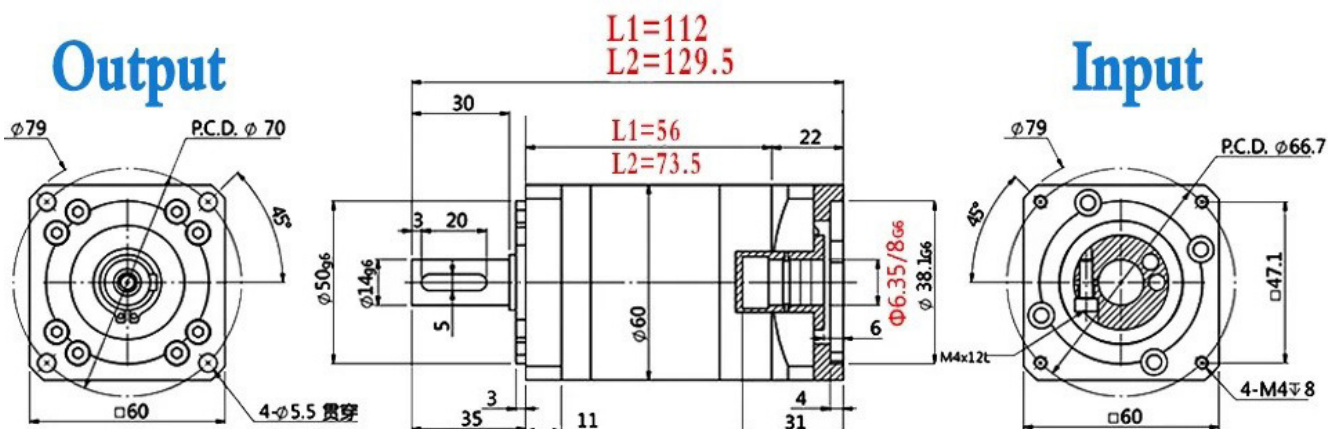


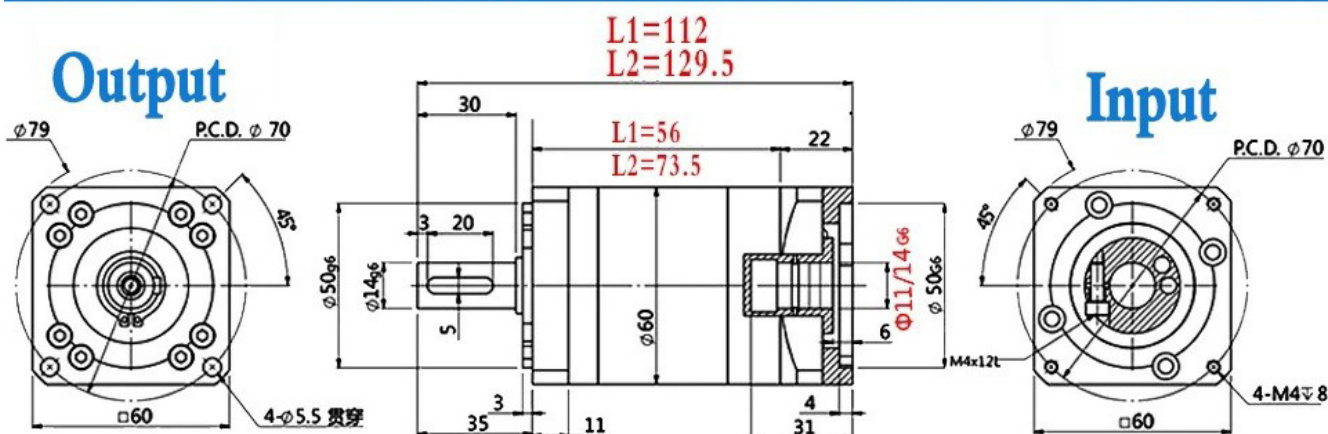
PLF060 Series Nema 23 Planetary Gearbox Ratio 3:1 - 100:1 Parameter

Straight Gear Planetary Reducer PLF060		
Technical Parameter	Unit	Value
Max. Output Torque	Nm	1.5 Times Rated Output Torque
Instant Braking Torque	Nm	2 Times Rated Output Torque
Max Radial Torque	N	240
Max Axis Torque	N	220
Torsional Stiffness	Nm/arcmin	1.8
Max Input Speed	rpm	8000
Rated Input Speed	rpm	4000
Noise	dB	≤58
Life time	h	20000
Full Load Efficiency	%	L1≥96%, L2≥94%
Backlash (L1)	arcmin	≤7
Backlash (L2)	arcmin	≤12
IP Degree	-	IP65
Operating Temp	°C	-10°C~+90°C
Rated Output Torque (Nm)		
Stage	Ratio	Rated Output Torque
L1	3:01	27
	4:01	40
	5:01	40
	7:01	34
	10:01	16
L2	15:01	27
	20:01	40
	25:01:00	40
	30:01:00	27
	35:01:00	40
	40:01:00	40
	50:01:00	40
	70:01:00	34
	100:01:00	16
Moment of Inertia (Kg.cm²)		
Stage	Ratio	Moment of Inertia
L1	3:01	0.46
	4:01	0.46
	5:01	0.46
	7:01	0.41
	10:01	0.41
L2	15:01	0.44
	20:01	0.44
	25:01:00	0.44
	30:01:00	0.44
	35:01:00	0.44
	40:01:00	0.44
	50:01:00	0.44
	70:01:00	0.34
	100:01:00	0.34

6.35/8mm Input for Nema23 57 Steeper Motor



11/14mm Input for 60 Servo Motor



Speed Ratio Output Shaft With Key

Output Shaft With Key

1 Stage (L1): 4:1 / 5:1 / 7:1 / 10:1

2 Stage (L2): 20:1 / 25:1 / 35:1 / 40:1 / 50:1 / 70:1 / 100:1

