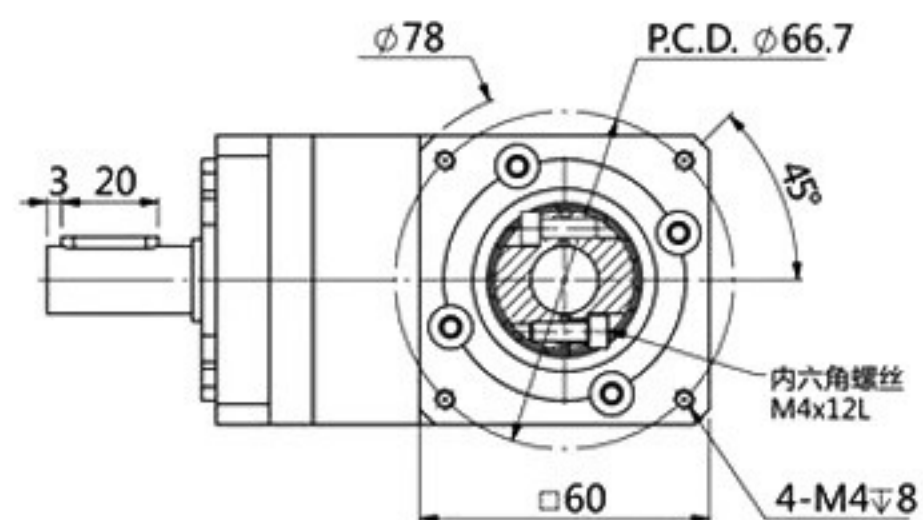
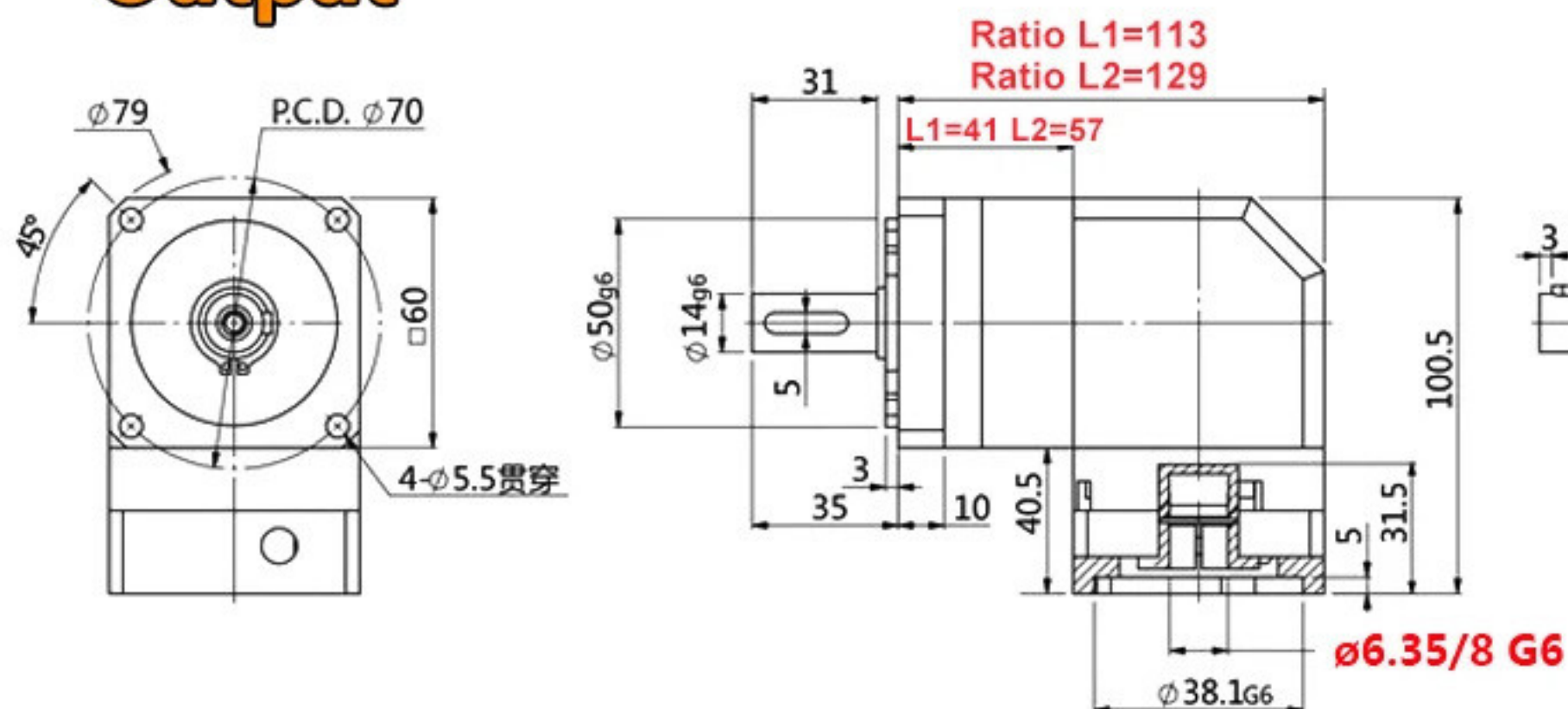


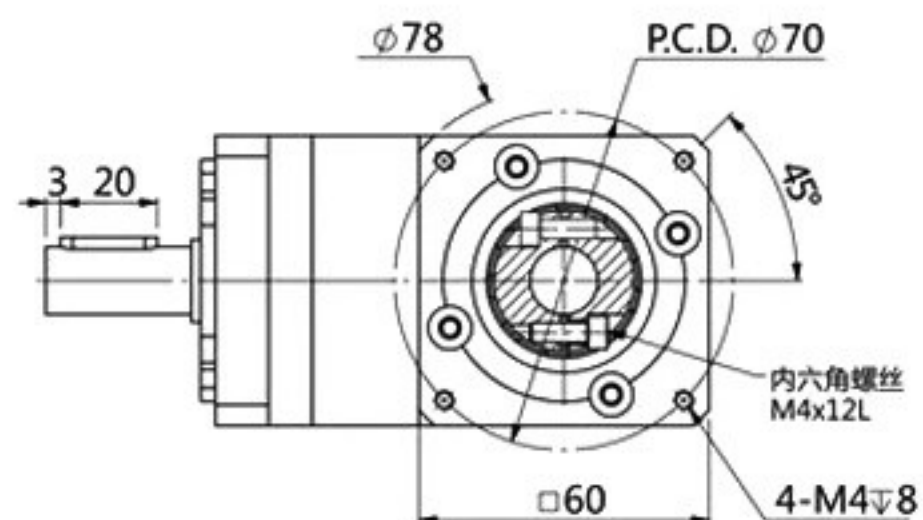
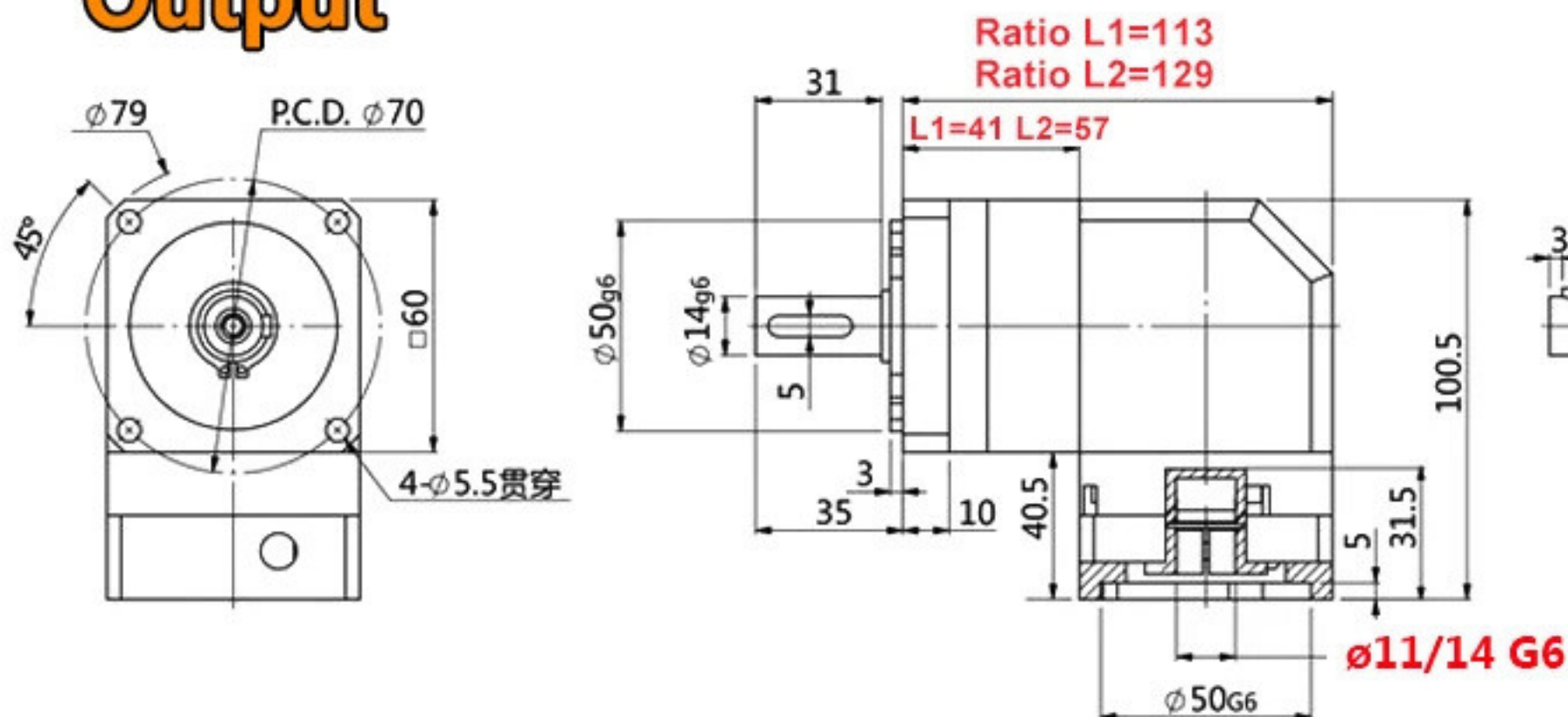
PVF060 Series Nema23 Right Angle Planetary Gearbox Parameter

PVF060 Gear Reducer Technical Parameters		
Technical Parameter	Unit	Value
Max Radial Torque	N	240
Max Axial Torque	N	220
Torsional Stiffness	Nm/arcmin	1.8
Max Input Speed	rpm	8000
Rated Input Speed	rpm	4000
Noise	dB	≤58
Backlash (Stage 1)	arcmin	≤10
Backlash (Stage 2)	arcmin	≤15
Max. Output Torque	Nm	1.5 Times Rated Output Torque
Instant Braking Torque	Nm	2 Times Rated Output Torque
Life time	h	20000
IP Degree	-	IP65
Operating Temperature	°C	-10°C~+90°C
Full Load Efficiency	%	L1≥95%, L2≥92%
Rated Output Torque (Nm)		
Stage	Ratio	Rated Output Torque
Stage 1 (L1)	3:01	27
	4:01	40
	5:01	40
Stage 2 (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.cm ²)		
Stage	Ratio	Moment of Inertia
Stage 1 (L1)	3:01	0.46
	4:01	0.46
	5:01	0.46
	7:01	0.41
Stage 2 (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	0.34
	70:01:00	0.34
	100:01:00	0.34

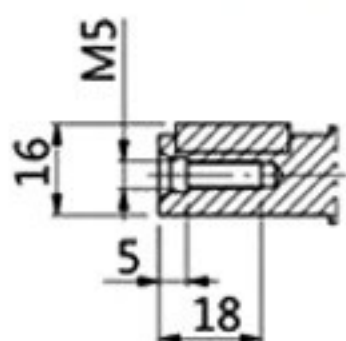
Input



Input



Speed Ratio



1 Stage (L1): 3:1/ 4:1/ 5:1/ 7:1/ 10:1
2 Stage (L2): 15:1/ 20:1/ 25:1/ 30:1
/ 35:1/ 40:1/ 50:1/ 70:1/ 100:1