

PVE060 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	≤13
Backlash (Stage 1)	arcmin	≤17
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%

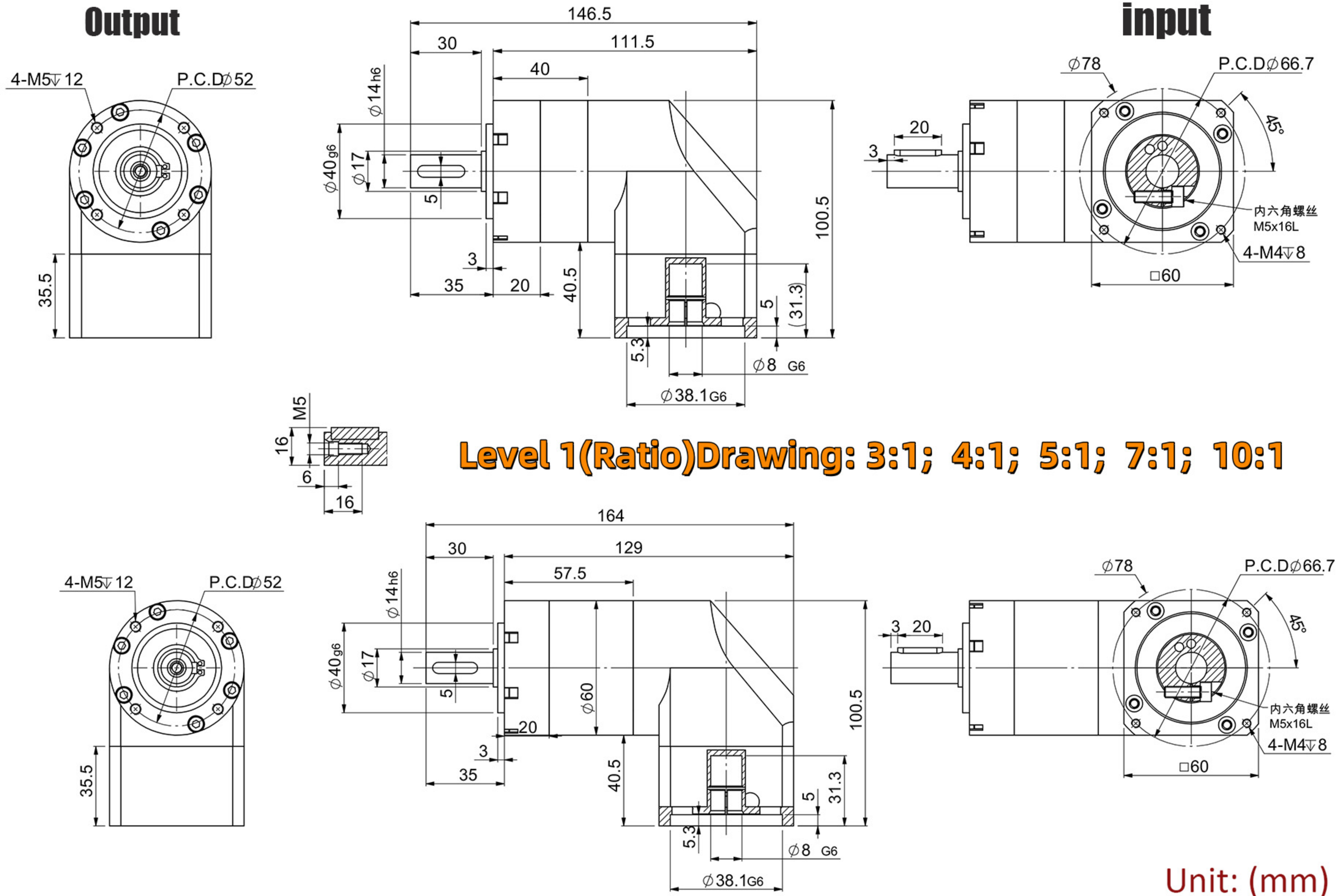
Rated Output Torque (Nm)

Stage	Ratio	Rated Output Torque
Stage 1 (L1)	3:01	27
	4:01	40
	5:01	40
	7:01	34
	10:01	16
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.cm²)

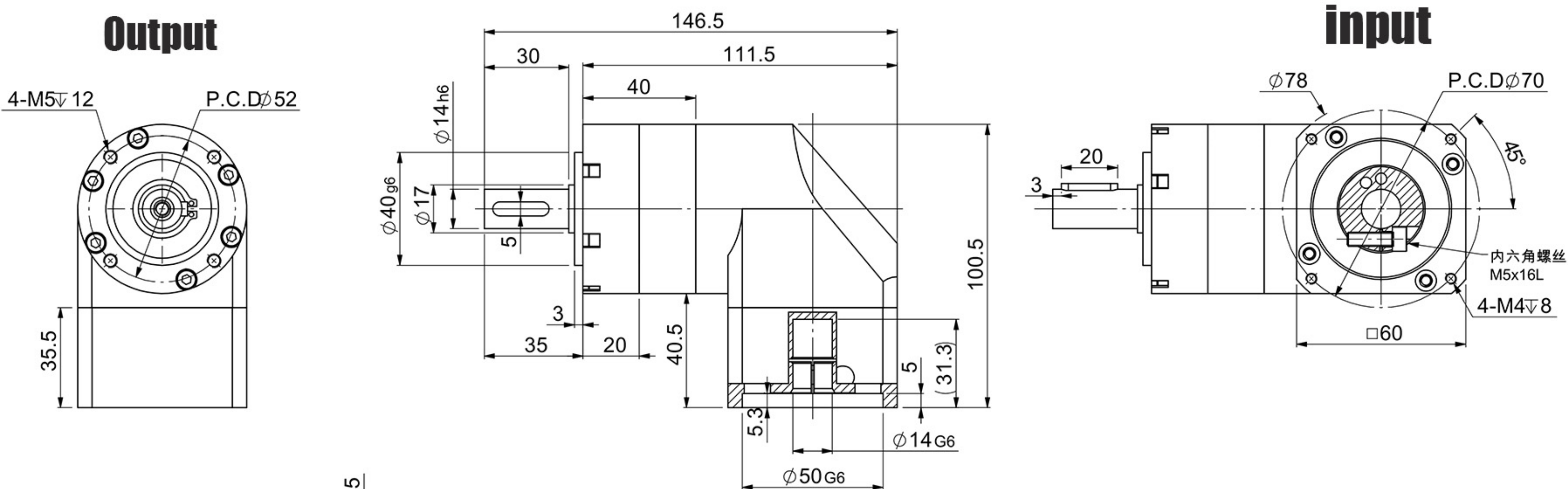
Stage	Ratio	Moment of Inertia
Stage 1 (L1)	3:01	0.46
	4:01	0.46
	5:01	0.46
	7:01	0.41
	10:01	0.41
Stage 2 (L2)	15:01	0.44
	20:01	0.44
	25:01:00	0.44
	30:01:00	0.44
	35:01:00	0.44
	40:01:00	0.44
	50:01:00	0.34
	70:01:00	0.34
	100:01:00	0.34

Spur Gear Right Angle Circle Planetary Reducer for Nema23 stepper motor 8mm shaft

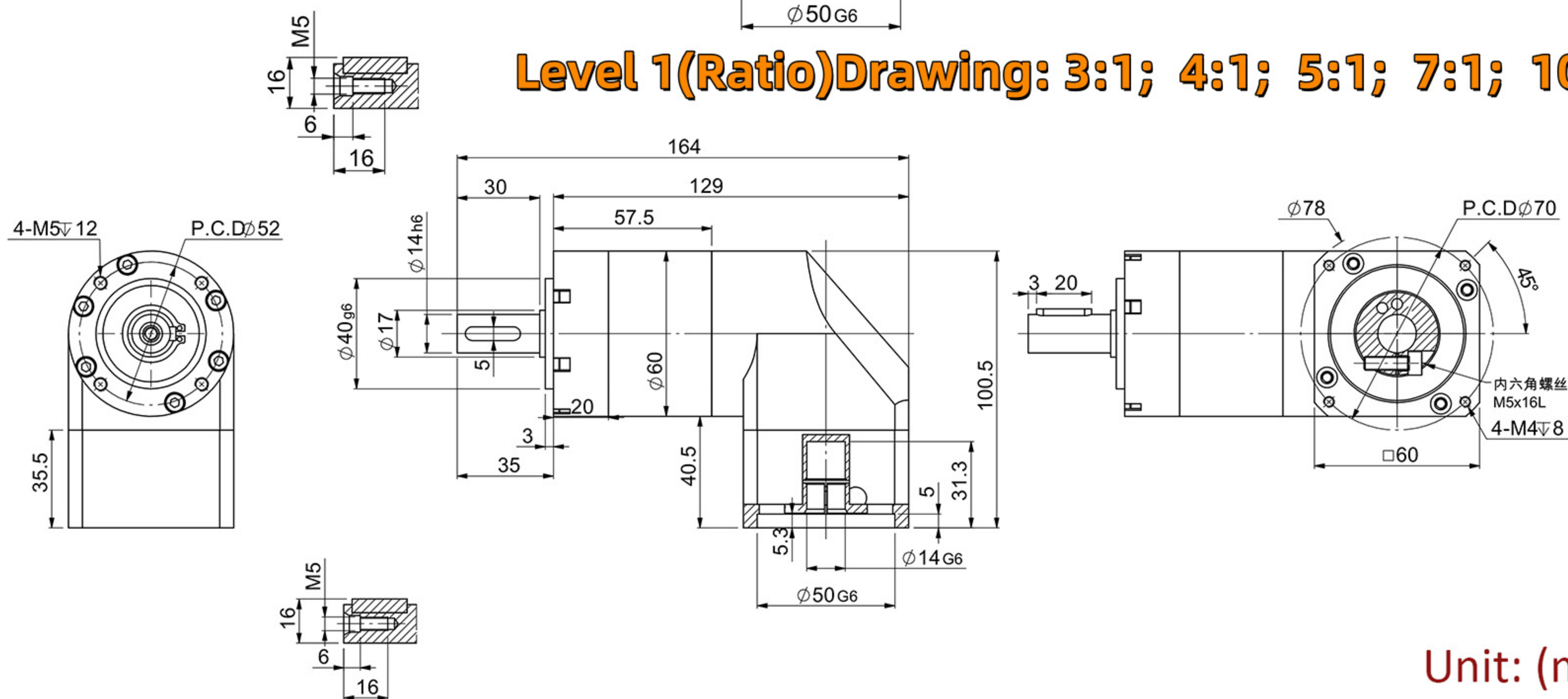


Level 2(Ratio)Drawing: 15:1; 20:1; 25:1; 30:1; 35:1; 40:1; 50:1; 70:1; 100:1

Spur Gear Right Angle Circle Planetary Reducer for 60mm Servo motor 14mm Shaft



Level 1(Ratio)Drawing: 3:1; 4:1; 5:1; 7:1; 10:1



Unit: (mm)

Level 2(Ratio)Drawing: 15:1; 20:1; 25:1; 30:1; 35:1; 40:1; 50:1; 70:1; 100:1