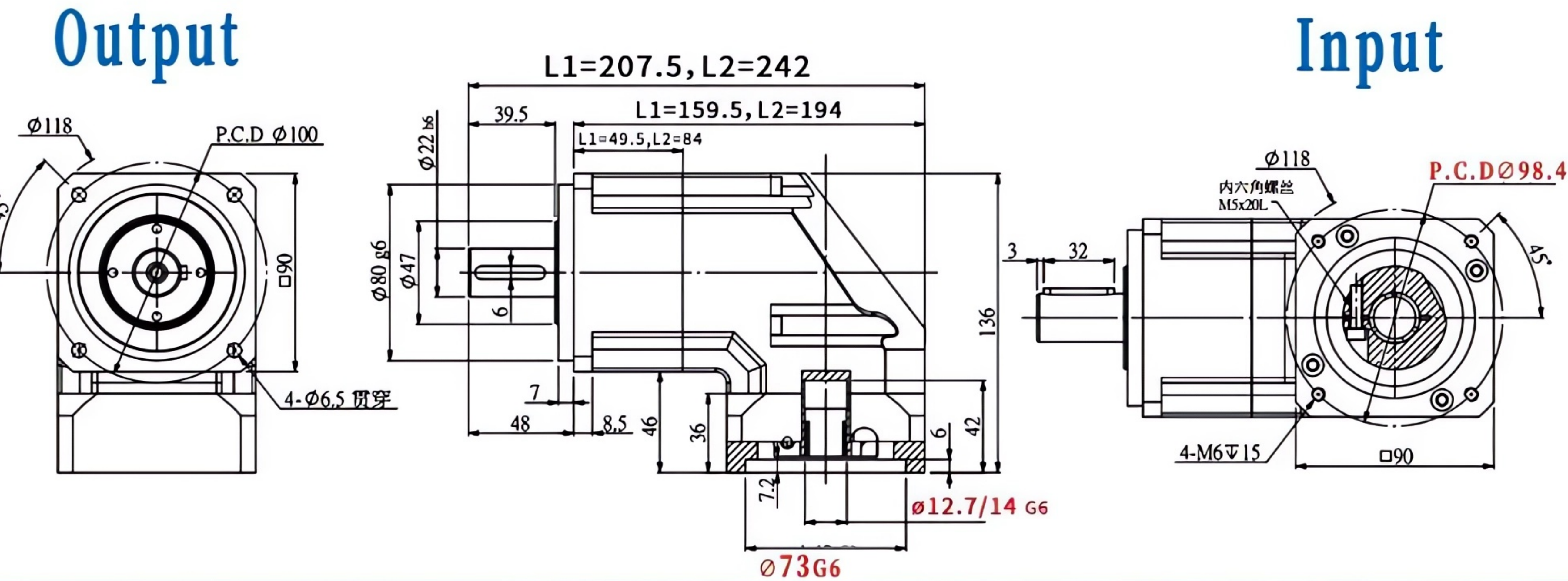
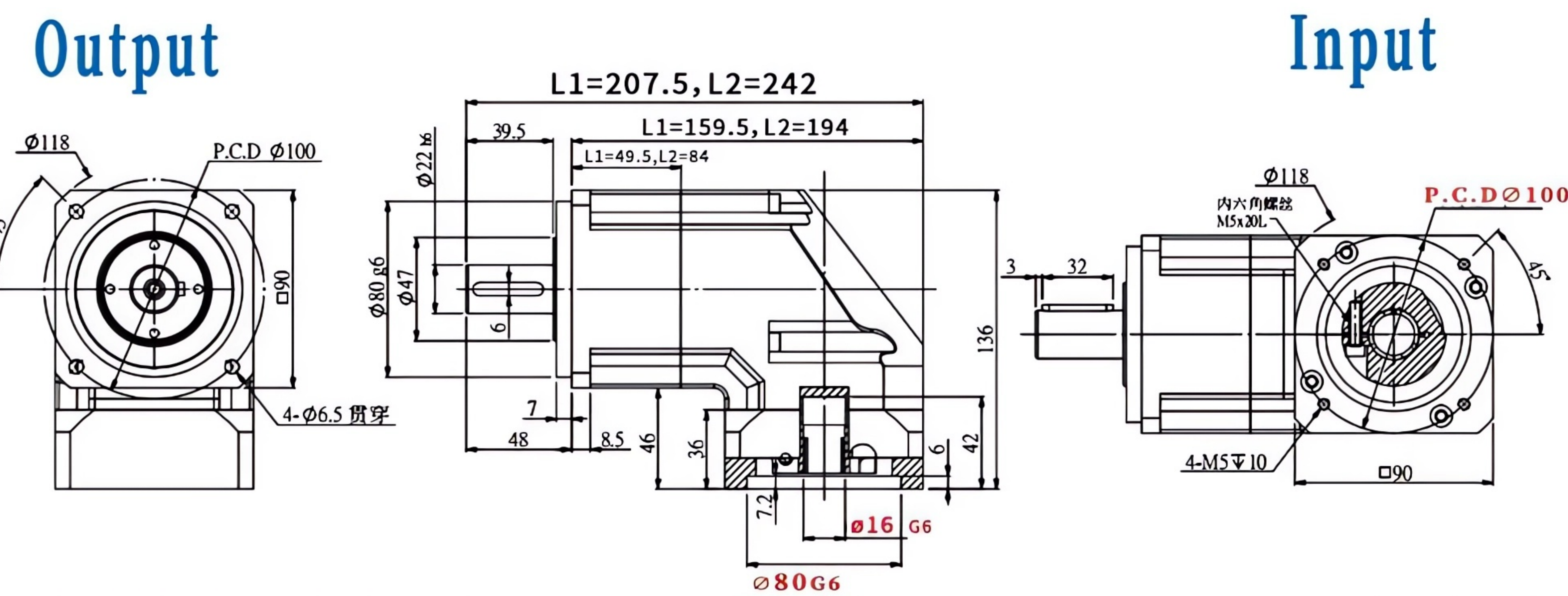


PLMG090 Gear Reducer Technical Parameters

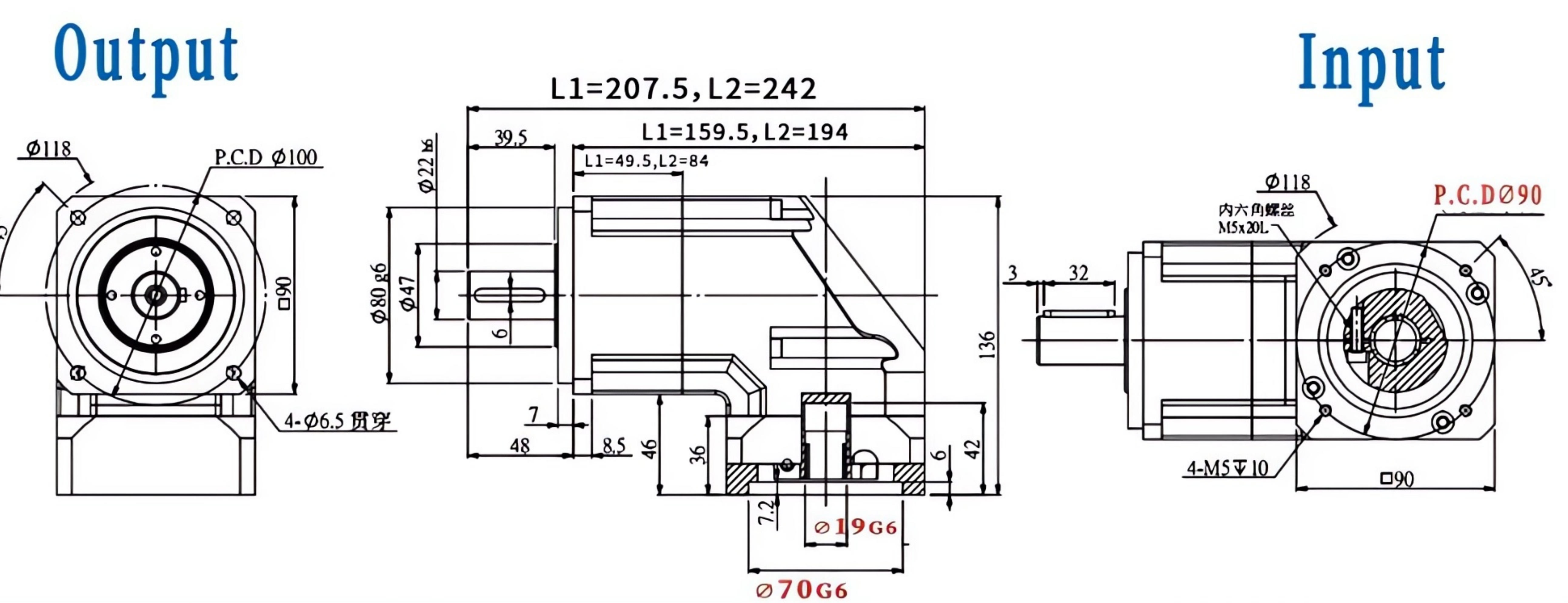
Technical Parameter	Unit	Value
Max Radial Torque	N	3300
Max Axial Torque	N	1500
Torsional Stiffness	Nm/arcmin	12
Max Input Speed	rpm	6000
Rated Input Speed	rpm	3000
Noise	dB	≤66
Backlash (Stage 1)	arcmin	≤8
Backlash (Stage 2)	arcmin	≤10
Max. Output Torque	Nm	2 Times Rated Output Torque
Instant Braking Torque	Nm	3 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	105
	4:01	130
	5:01	130
	7:01	100
	10:01	75
	15:01	105
	20:01	130
Stage 2 (L2)	25:01:00	130
	30:01:00	105
	35:01:00	130
	40:01:00	130
	50:01:00	130
	70:01:00	100
	100:01:00	75
Moment of Inertia (Kg.cm²)		
Stage	Ratio	Moment of Inertia
Stage 1 (L1)	3:01	2.28
	4:01	2.28
	5:01	2.28
	7:01	2.28
	10:01	1.45
	15:01	2.28
	20:01	2.28
Stage 2 (L2)	25:01:00	2.28
	30:01:00	2.28
	40:01:00	2.28
	50:01:00	1.45
	70:01:00	1.45
	100:01:00	1.45



16mm input for 90mm Flange 750w 1kw Servo Motor



19mm Input for 90mm Flange 750W 1kW Servo Motor



Output Shaft

