

PLE 80 Gear Reducer Technical Parameters

Technical Parameter	Unit	Value
Max Torque	Nm	1.5 Times Rated Torque
Instant Braking Torque	Nm	2.5 Times Rated Torque
Max Radial Torque	N	400
Max Axis Torque	N	420
Torsional Stiffness	Nm/arcmin	4.7
Max Input Speed	rpm	6000
Rated Input Speed	rpm	3500
Noise	dB	≤60
Average Working Life	h	20000
Full Load Efficiency	%	L1≥96%, L2≥94%
Backlash (L1)	arcmin	≤7
Backlash (L2)	arcmin	≤12
IP Degree	-	IP65
Operation Temperature	°C	10°C-90°C

Rated Output Torque (Nm)

Stage	Ratio	Rated Output Torque
L1	3:01	50
	4:01	90
	5:01	90
	7:01	48
	10:01	22
L2	15:01	50
	20:01	90
	25:01:00	90
	30:01:00	50
	35:01:00	90
	40:01:00	90
	50:01:00	90
	70:01:00	48
100:01:00	22	