

SPECIFICATIONS	STAGE	RATIO	PSE042	PSE060	PSE090	PSE115	PSE142	PSE180
Nominal Output Torque (N.m)	1	3	14	40	104	215	422	1180
		4	12	32	85	178	363	1090
		5	14	38	104	216	425	1180
		7	12	32	91	196	360	1092
		10	10	27	65	149	295	780
	2	15	14	39	104	151	424	645
		16	12	32	85	176	365	645
		20	12	32	86	178	365	678
		25	14	39	104	216	423	645
		30	14	39	104	214	423	678
		35	12	33	91	195	358	635
		40	12	31	95	177	365	606
		50	14	39	104	214	424	650
	70	12	33	91	195	360	679	
	3	100	10	25	65	150	294	21
Peak Output Torque (N.m)	1, 2, 3	3-100	3 Times of Nominal Output Torque					
Backlash (arc min)	1	3-10	≤8	≤8	≤8	≤10	≤10	≤10
	2	12-70	≤10	≤10	≤10	≤12	≤12	≤12
Nominal Input Speed (RPM)	1, 2	3~	3000~	3000~	3000~	2500~	2500~	2000~
		10	6000	6000	6000	5000	5000	4000
		15~	3000~	3000~	3000~	2500~	2500~	2000~
		100	6000	6000	6000	5000	5000	4000
Torsional Rigidity (Nm/arcmin)	1, 2,3	3-100	10.1	27.9	73.5	151	294	558
Allowable Radial Force (N)			820	1378	2060	4145	6450	8015
Allowable Axial Force (N)			410	678	1030	2081	3225	4371
Noise Level (dB)			57	65	65	68	68	70
Service Life (hrs.)	20,000							
Operating Temp. (°C)	-10°C~+90°C							
Protection Class	IP65							
Efficiency (%)	1	2-10	≥95%					
	2	12-70	≥93%					
Weights (kg)	1	3-10	0.9	2.0	4.0	11	12	25
	2	12-70	1.5	3.5	5.5	15	19.5	37

Gearbox inertia data per request.

*Remarks: : IP66 available, custom output dimensions (e.g., gearhead shaft dia., or length) available, gearheads input (adapter) per motors. For detailed dimensions, please contact PCCM TECH.*