

Planetary gear reducers: C Series Performance Table

Motor capacity	Model	Reduction ratio	Output shaft speed (rpm)	Rated output torque (N·m)	Maximum allowable momentary torque (N·m)	Allowable radial load (N)	Allowable thrust load (N)	GD2 value reduced to input shaft (kgf·cm ²)	Backlash (*2)
100W	CIS010-0030	3	1000	0.84	2.51	390	195	0.23	Within 40 min
	CIS010-0050	5	600	1.32	3.96	490	245	0.21	
	CIS010-0090	9	333	2.23	6.69	590	295	0.22	
	CIS010-0150	15	200	3.63	10.89	680	340	0.1	
200W	CIS020-0030	3	1000	1.73	5.19	730	365	2.8	Within 30 min.
	CIS020-0050	5	600	2.72	8.16	880	440	1.6	
	CIS020-0090	9	333	4.61	13.83	1080	540	2.7	
	CIS020-0150	15	200	7.49	22.47	1220	610	1.2	
400W	CIS040-0030	3	1000	3.48	10.44	730	365	2.8	Within 30 min.
	CIS040-0050	5	600	5.16	15.48	880	440	1.6	
	CIS040-0090	9	333	9.29	27.86	1080	540	2.7	
	CIS040-0150	15	200	15.1	45.28	1220	610	1.2	
750W	CIS075-0030	3	1000	6.48	19.44	980	490	7	Within 30 min.
	CIS075-0050	5	600	10.2	30.6	1130	565	4.3	
	CIS075-0090	9	333	17.28	51.84	1370	685	6.8	
	CIS075-0150	15	200	28.08	84.24	1670	835	2.6	

(*1) Backlash is measured with the input fixed and the output side loaded.

(*2) Mounting dimensions for motors by any makers are supported; please do not hesitate to consult with us.

(*3) Radial load position is 10 mm from the output shaft end for CIS010, 12 mm for CIS020/040, and 15 mm for CIS075.

(*4) Please contact us for details.