

Performance Ratings		Stages	Ratio (1)	CAP 090 CAPC 090	CAP 110 CAPC 110	CAP 140 CAPC 140	CAP 200 CAPC 200	CAP 255 CAPC 255	CAP 285 CAPC 285	CAP 355 CAPC 355	CAP 450 CAPC 450	
Nominal Output Torque T(2N)	Nm	1	4	205	460	790	1,700	2,580	4,875	-	-	
			5.5	200	370	645	1,430	2,175	4,060	-	-	
		2	16	255	470	800	1,730	2,625	4,955	-	-	
			20	255	470	805	1,735	2,630	4,965	-	-	
			22	200	375	650	1,445	2,200	4,100	6,995	13,810	
			27.5	200	375	655	1,445	2,200	4,105	7,000	13,825	
			28	250	470	805	1,735	2,635	4,970	-	-	
			38.5	200	375	655	1,450	2,200	4,110	7,010	13,845	
			40	95	225	650	1,610	2,640	4,980	-	-	
			55	130	315	655	1,450	2,205	4,110	7,020	13,855	
			3	64	260	470	805	1,740	2,640	4,985	-	-
		88		200	380	655	1,450	2,205	4,115	7,025	13,865	
		100		260	470	805	1,745	2,645	4,990	-	-	
		110		200	380	655	1,450	2,205	4,115	7,025	13,870	
		140		260	470	810	1,745	2,645	4,990	-	-	
		154		200	380	655	1,450	2,205	4,120	7,030	13,875	
		160		210	385	810	1,745	2,645	4,990	-	-	
		200		260	475	810	1,745	2,645	4,990	-	-	
		220		200	380	655	1,450	2,205	4,120	7,030	13,875	
		280	260	475	810	1,745	2,645	4,990	-	-		
400	95	225	650	1,610	2,645	4,995	-	-				
Emergency Stop Torque T(2NOT)	Nm	1,2,3	4~400	3 times T (2N)								
Max. Acceleration Torque T(2B)	Nm	1,2,3	4~400	1.5 times T (2N)								
No Load Running Torque (2)	Nm	1	4~5.5	1.5	2.5	7.1	14	22	28	-	-	
		2	16~55	0.6	1.1	3.7	8	12	18	17	26	
		3	64~400	0.35	0.7	1.6	4	4.5	6.5	6	12	
Backlash (3)	arcmin	1	4~5.5	≤1								
		2,3	16~400	≤2								
Torsional Rigidity	Nm/arcmin	1,2,3	4~400	42	95	205	650	1,200	1,800	2,850	5,700	
Nominal Input Speed n (IN)	rpm	1	4~5.5	3,600	3,600	3,000	2,700	2,400	2,100	-	-	
		2	16~55	4,600	4,600	4,000	3,700	3,400	3,100	2,500	2,000	
		3	64~400	5,000	5,000	4,600	4,000	3,700	3,400	3,100	2,500	
Max. Input Speed n (IB)	rpm	1	4~5.5	6,000	6,000	5,000	4,500	4,000	3,500	-	-	
		2	16~55	7,000	7,000	6,000	5,500	5,000	4,500	4,000	3,500	
		3	64~400	7,000	7,000	7,000	6,000	5,500	5,000	4,500	4,000	
Max. Axial Load F (2s) (4)	N	1,2,3	4~400	2,200	4,070	8,530	17,000	26,900	39,200	101,500	143,700	
Max. Tilting Moment M (2k) (4)	Nm	1,2,3	4~400	280	480	1,310	3,530	5,920	9,230	29,100	63,300	
Service Life (5)	hr	1,2,3	4~400	20,000								
Operating Temp.	°C	1,2,3	4~400	-10°C ~ 90°C								
Degree of Gearbox Protection		1,2,3	4~400	IP65								
Lubrication		1,2,3	4~400	Synthetic lubrication grease								
Mounting Position		1,2,3	4~400	All directions								
Running Noise (2)	dB(A)	1	4~5.5	≤59	≤64	≤66	≤66	≤68	≤68	-	-	
		2	16~55	≤60	≤62	≤64	≤66	≤67	≤67	≤68	≤70	
		3	64~400	≤60	≤62	≤64	≤66	≤66	≤67	≤67	≤68	
Efficiency η	%	1	4~5.5	≥97%								
		2	16~55	≥94%								
		3	64~400	≥92%								
(1) Ratio (i=N[in]/N[out]) (2) These values are measured by gearbox with ratio = 5.5 (1-stage), 55 (2-stage) or 220 (3-stage) at 3,000 rpm without load. (3) Backlash is measured at 2% of Nominal Output Torque T(2N). (4) Applied to the output flange/curvic center at 100 rpm. (5) Continuous operation not recommended.												