

Model No.	Stage	Ratio <sup>1</sup>	AT065 FL	AT075 FL	AT090 FL	AT110 FL	AT140 FL	AT170 FL	AT210 FL	AT240 FL	AT280 FL				
			AT065 FL1	AT075 FL1	AT090 FL1	AT110 FL1	AT140 FL1	AT170 FL1	AT210 FL1	AT240 FL1	AT280 FL1				
			AT065 FH	AT075 FH	AT090 FH	AT110 FH	AT140 FH	AT170 FH	AT210 FH	AT240 FH	AT280 FH				
			AT065 FC	AT075 FC	AT090 FC	AT110 FC	AT140 FC	AT170 FC	AT210 FC	AT240 FC	AT280 FC				
			AT065 FR	AT075 FR	AT090 FR	AT110 FR	AT140 FR	AT170 FR	AT210 FR	AT240 FR	AT280 FR				
Nominal Output Torque $T_{2N}$	Nm	1	1	25	45	78	150	360	585	1,300	2,150	3,200			
			1.5	25	45	78	150	360	585	1,300	2,150	3,200			
			2	24	42	68	150	330	544	1,220	2,010	3,050			
			3	18	33	54	120	270	450	1,020	1,650	2,850			
			4	13	28	48	100	224	376	860	1,410	2,300			
			5	12	25	40	85	196	320	740	1,210	2,000			
		2	7	12	12	33	91	91	91	195	358	358			
			10	24	28	68	150	208	208	430	846	846			
			15	18	33	54	120	270	312	645	1,269	1,269			
			20	13	28	48	100	224	376	860	1,410	1,692			
			25	12	25	40	85	196	320	740	1,210	2,000			
			35	12	25	40	85	196	320	740	1,210	1,790			
		3	50	12	25	40	85	196	320	740	1,210	1,465			
			75	-	-	-	120	210	312	585	1,269	1,269			
			100	-	-	-	100	224	376	780	1,410	1,692			
			125	-	-	-	85	196	320	740	1,210	2,000			
			150	-	-	-	120	135	312	390	975	975			
			200	-	-	-	100	180	376	520	1,300	1,300			
					250	-	-	-	85	196	320	650	1,210	1,625	
					350	-	-	-	85	196	320	740	1,210	1,790	
					500	-	-	-	85	196	320	740	1,210	1,465	
		Max. Acceleration Torque $T_{2B}$	Nm	1,2,3	1~500	1.5 times of Nominal Output Torque									
		Max. Acceleration Input Speed $n_{1B}$	rpm	1	1~5	7,500	6,500	5,500	4,500	3,500	3,000	2,200	2,000	1,700	
2	7~50			8,000	8,000	6,000	6,000	6,000	6,000	4,800	3,600	3,600			
3	75~500			-	-	-	8,000	8,000	6,000	6,000	6,000	6,000			
Standard Backlash <sup>*</sup>	arcmin	1	1~5	≤6	≤6	≤6	≤6	≤6	≤6	≤6	≤6	≤6			
		2	7~50	≤8	≤8	≤8	≤8	≤8	≤8	≤8	≤8	≤8			
		3	75~500	-	-	-	≤10	≤10	≤10	≤10	≤10	≤10			
Max. Radial Load $F_{2rB}^2$ Output d2	N	1,2,3	1~500	900	1,100	1,700	2,700	4,800	6,600	11,500	16,000	18,000			
Max. Axial Load $F_{2aB}^2$ Output d2	N	1,2,3	1~500	450	550	850	1,350	2,400	3,300	5,750	8,500	9,000			
Service Life	hr	1,2,3	1~500	20,000*											
Efficiency $\eta$	%	1	1~5	≥98%											
		2,3	7~500	≥94%											
Operating Temp	°C	1,2,3	1~500	-10°C ~ 90°C											
Lubrication				Synthetic lubrication oils											
Noise Level ( $n_1=1500$ rpm, No Load)	dB (A)	1,2,3	1~500	≤71	≤72	≤76	≤77	≤78	≤79	≤81	≤83	≤84			
1. Ratio ( $i=N_{in}/N_{out}$ )				2. Apply to the output shaft center @ $n_{1B}$											
* S1 service life 10,000 hrs				* Backlash is measured at 2% Nominal Output Torque $T_{2N}$											