



SMD GEARBOX

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BRILLIANTLY AGILE!

HIGH PRECISION SERVO GEARBOX



Specification	Unit	Stage	Ratio	SRA065	SRA090	SRA110	SRA140	SRA170	SRA210	SRA240	SRA280
Rated Output Torque T _{2N}	Nm	1	1	25	78	150	360	500	1000	2150	3200
		2	2	25	68	150	360	500	1000	2010	3050
			4	25	50	150	305	580	1300	2150	3200
			5	25	60	150	330	580	1300	2150	3200
			6	25	50	140	300	500	1000	1650	3050
			7	25	50	140	300	500	1000	2150	3200
			8	25	68	150	360	580	1300	2150	3200
			10	25	68	150	360	580	1300	2150	3200
			12	25	68	150	360	580	1300	2150	3200
			14	25	68	150	360	580	1300	2150	3200
			16	25	68	150	360	580	1300	2150	3200
			20	25	68	150	360	580	1300	2150	3200
		3	25	25	60	150	330	580	1300	2150	3200
			30	25	50	140	300	550	1000	2010	3050
			35	25	50	140	300	550	1000	2010	3050
			40	25	68	150	360	580	1300	2150	3200
			50	25	68	150	360	580	1300	2150	3200
			60	25	68	150	360	580	1300	2150	3200
			70	25	68	150	360	580	1300	2150	3200
			80	25	68	150	360	580	1300	2150	3200
			100	25	68	150	360	580	1300	2150	3200
			120	25	68	150	360	580	1300	2150	3200
			140	25	68	150	360	580	1300	2150	3200
			160	25	68	150	360	580	1300	2150	3200
			200	25	68	150	360	580	1300	2150	3200
Emergency stop Torque T _{2NoT}	Nm	1,2,3	1~200	2 times rated output torque (2 Times T _{2N})							
Rated Input Speed n _{1N}	rpm	1	1~2	3000	3000	3000	3000	3000	2000	2000	2000
		2	4~20	3000	3000	3000	3000	3000	3000	3000	3000
		3	25~200	3000	3000	3000	3000	3000	3000	3000	3000
Max Input Speed n _{1B}	rpm	1	1~2	6000	6000	5000	4500	3500	3000	3000	3000
		2	4~20	6000	6000	5000	4500	3500	3000	3000	3000
		3	25~200	6000	6000	6000	5000	4500	3500	3500	3500
Super Precision Backlash P0	arcmin	1	1~2	/	/	/	/	/	/	/	/
		2	4~20	≤4	≤4	≤4	≤4	≤4	≤4	≤4	≤4
		3	25~200	≤6	≤6	≤6	≤6	≤6	≤6	≤6	≤6
WIMPS/Precision Backlash P1	arcmin	1	1~2	≤4	≤4	≤4	≤4	≤4	≤4	≤4	≤4
		2	4~20	≤6	≤6	≤6	≤6	≤6	≤6	≤6	≤6
		3	25~200	≤8	≤8	≤8	≤8	≤8	≤8	≤8	≤8
Standard Backlash P2	arcmin	1	1~2	≤6	≤6	≤6	≤6	≤6	≤6	≤6	≤6
		2	4~20	≤8	≤8	≤8	≤8	≤8	≤8	≤8	≤8
		3	25~200	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10
Allowable Radial Force F _{2R}	N			2000	3200	5000	6500	9100	13000	13000	13000
Allowable Axle Force F _{2A}	N			1000	1600	2500	3250	4550	6500	6500	6500
Service Life	h		1~200	20000							
Efficiency	%	1	1~2	≥97							
		2	4~20	≥95							
		3	25~200	≥92							
Operating temperature	°C		1~200	-20°C~90°C							
Weight	kg	1	1~2	3	7	11.5	19.5	34	49	75	110
		2	4~20	3.2	8	14	24	38	74	112	170
		3	25~200	3.4	8.5	14.5	27	39	75	115	175
Protection class			1~200	Ip66							
Lubrication			1~200	Synthetic Lubricating Oil							
Mounting position			1~200	In any direction							
Noise	dB(A)	1		≤72	≤74	≤76	≤78	≤80	≤82	≤82	≤82
		2		62	62	64	66	68	72	72	72
		3		62	62	64	66	≤68	≤72	≤72	≤72



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GET IN TOUCH

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