



SAMBO

Spur Gear Actuators

Model	Ratio	Max. Thrust Capacity (KN)	Max. Output Torque		Mechanical Advantage (±10%)	Max. Input Torque (N · m)	Bore Diameter (Stem, Max)		Mounting Flange (ISO5210/1)
			(N · m)	(Ft · lbf)			TW	KEY	
SB-SR50	10:1	113	370	273	9,2	40,2	40	32 (10x8)	F-12 F-10 (OPTION)
SB-SR50-2B	20:1				16,6	22,3			
SB-SR50-1ST	P-10:1				8,5	43,7			
	S-20:1				16,9	21,9			
SB-SR100	12:1	141	980	723	11	88,8	55	45 (14x9)	F-16 F-14 (OPTION)
SB-SR100-2B	24:1				19,9	49,3			
SB-SR100-1ST	P-12:1				10,2	96,5			
	S-24:1				20,3	48,2			
SB-SR200	12:1	190	1500	1106	11	135,9	62	52 (16x10)	(F-20) F-16,F-14 (OPTION)
SB-SR200-2B	30:1				24,8	60,4			
SB-SR200-1ST	P-12:1				10,2	147,7			
	S-30:1				25,4	59,1			
SB-SR200H	12:1	1080	2900	2139	11	262,7	65	55 (16x10)	F-25 (F-20) (OPTION)
SB-SR200H-2B	30:1				24,8	116,7			
SB-SR200H-1ST	P-12:1				10,2	285,5			
	S-30:1				25,4	114,2			
SB-SR300	13:1	288	2500	1844	12	209	72	60 (18x11)	F-25 (F-20), F-16 (OPTION)
SB-SR300-2B	32:1				26,5	94,4			
SB-SR300-1ST	P-13:1				11,0	227,2			
	S-33:1				27,9	89,5			
SB-SR300H	13:1	1710	4500	3319	12	376,3	80	70 (20x12)	F-30 F-25 (OPTION)
SB-SR300H-2B	32:1				26,5	169,8			
SB-SR300H-1ST	P-13:1				11	409			
	S-33:1				27,9	161,1			
SB-SR350	13:1	350	3500	2581	12,0	292,6	85	72 (20x12)	F-30 F-25 (OPTION)
SB-SR350-2B	39:1				32,3	108,4			
SB-SR350-1ST	P-13:1				11,0	318,1			
	S-39:1				33,0	106,0			
SB-SR350H	13:1	2100	7000	5163	12,0	585,3	85	72 (20x12)	F-30 F-25 (OPTION)
SB-SR350H-2B	39:1				32,3	216,8			
SB-SR350H-1ST	P-13:1				11,0	636,2			
	S-39:1				33,0	212,1			
SB-SR400	14:1	400	5200	3835	12,9	403,7	98	82 (22x14)	F-30 F-25 (OPTION)
SB-SR400-2B	42:1				34,8	149,5			
SB-SR400-1ST	P-14:1				11,8	438,8			
	S-42:1				35,5	146,3			
SB-SR400H	14:1	2450	9800	7228	12,9	760,9	95	85 (22x14)	F-35 F-30, F-25 (OPTION)
SB-SR400H-2B	42:1				34,8	281,8			
SB-SR400H-1ST	P-14:1				11,8	827			
	S-42:1				35,5	275,7			
SB-SR500	15:1	510	7800	5753	13,8	565,2	110	95 (28x16)	F-35 F-30 (OPTION)
SB-SR500-2B	60:1				49,7	157			
SB-SR500-1ST	P-15:1				12,7	614,4			
	S-45:1				38,1	204,8			
Remark	• Ratio & Base specification to be changeable.								
	• Max Output Torque includes safety factor.								
	• If any request requirement, please contact us any time.								

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Model	Ratio	Max. Thrust Capacity (KN)	Max. Output Torque		Mechanical Advantage (±10%)	Max. Input Torque (N · m)	Bore Diameter (Stem, Max)		Mounting Flange (ISO5210/1)
			(N · m)	(Ft · lbf)			TW	KEY	
SB-SR500H	15:1	2900	15000	11063	13,8	1087	110	95 (25x14)	F-35 F-30, F-25 (OPTION)
SB-SR500H-2B	60:1				49,7	301,9			
SB-SR500H-1ST	P-15:1				12,7	1181,5			
	S-45:1				38,1	393,8			
SB-SR550	15:1	1500	10400	7671	13,8	753,6	120	105 (28x16)	F-35 F-30, F-25 (OPTION)
SB-SR550-2B	60:1				49,7	209,3			
SB-SR550-1ST	P-15:1				12,7	819,2			
	S-52,5:1				44,4	234,0			
SB-SR550H	15:1	3400	19000	14014	13,8	1376,8	120	105 (28x16)	F-40 F-35, F-30 (OPTION)
SB-SR550H-2B	60:1				49,7	382,4			
SB-SR550H-1ST	P-15:1				12,7	1496,5			
	S-52,5:1				44,4	427,6			
SB-SR600	16:1	2310	13000	9588	14,7	883,2	130	115 (32x18)	F-40 F-35, F-30 (OPTION)
SB-SR600-2B	64:1				53	245,3			
SB-SR600-1ST	P-16:1				13,5	959,9			
	S-64:1				54,2	240			
SB-SR600H	16:1	3500	23000	16964	14,7	1562,5	130	115 (32x18)	F-40 F-35, F-30 (OPTION)
SB-SR600H-2B	64:1				53	434			
SB-SR600H-1ST	P-16:1				13,5	1698,4			
	S-64:1				54,2	424,6			
SB-SR700	17:1	2500	17600	12981	15,6	1125,3	150	130 (36x20)	F-48 F-40, F-35 (OPTION)
SB-SR700-2B	85:1				70,4	250,1			
SB-SR700-1ST	P-17:1				14,4	1223,2			
	S-68:1				57,6	305,8			
SB-SR700H	17:1	4700	37000	27290	15,6	2365,7	150	130 (36x20)	F-48 F-40, F-35 (OPTION)
SB-SR700H-2B	85:1				70,4	525,7			
SB-SR700H-1ST	P-17:1				14,4	2571,4			
	S-68:1				57,6	642,9			
SB-SR750	17:1	3450	21000	15489	15,6	1342,7	160	140 (36x20)	F-48
SB-SR750-2B	93,5:1				77,4	271,3			
SB-SR750-1ST	P-17:1				14,4	1459,5			
	S-85:1				71,9	291,9			
SB-SR750H	17:1	5000	46000	33928	15,6	2941,2	160	140 (36x20)	F-48
SB-SR750H-2B	93,5:1				77,4	594,2			
SB-SR750H-1ST	P-17:1				14,4	3196,9			
	S-85:1				71,9	639,4			
SB-SR800	17:1	4100	32000	23602	15,6	2046	180	160 (40x22)	F-48
SB-SR800-2B	93,5:1				77,4	413,3			
SB-SR800-1ST	P-17:1				14,4	2224			
	S-85:1				71,9	444,8			
SB-SR800H	17:1	5200	58000	42778	15,6	3708,4	170	150 (40x22)	F-48
SB-SR800H-2B	93,5:1				77,4	749,2			
SB-SR800H-1ST	P-17:1				14,4	4030,9			
	S-85:1				71,9	806,2			

Remark

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