



# Spur Gear Actuators



## ❖ Feature

- This series suitable for use with Gate & Globe type valve. Also sluice gates and any other type requiring linear motion for thrust and torque applications.
- Unique Top Entry Replaceable Stem Nut. High Tensile Aluminum bronze material providing corrosion and abrasion resistance.
- Castings are Ductile Iron, class 65-45-12 providing high strength and impact resistance.
- Heavy duty roller bearings supporting both radial & axial thrust loads.
- Gears are Machine cut, heat treated and ground for optimum operation. Units are completely O-Ring Sealed suitable for temporary submergence to meet Ip67 class.
- Many options, such as hand wheels, chain wheels, stem covers, position dial indicators are available.

## ❖ Selection Chart for Manual Operation

MODEL \ SIZE	GEAR RATIO (Changeable)	MAX. STEM ACCEPTANCE		MOUNTING OPTION & STANDARD	MAX. THRUST CAPACITY		MAX. TORQUE CAPACITY		WEIGHT
		TW	KEY		KN	lbf	N-m	Ft. lbf	Kg
SB-SR50-2B	4~20 : 1	40	32 (10X8)	F-10, F-12	113	25400	370	273	21
SB-SR100-2B	5~24 : 1	55	45 (14X9)	F-14, F-16	141	31700	980	723	40
SB-SR200-2B	7.5~30 : 1	62	52 (16X10)	F-14, F-16, (F-20)	190	42710	1500	1106	56
SB-SR300-2B	7.5~32 : 1	72	60 (18X11)	F-16, (F-20), F-25	288	64750	2500	1844	78
SB-SR350-2B	12~39 : 1	85	72 (20X12)	F-25, F-30	350	78680	3500	2581	110
SB-SR400-2B	12~42 : 1	98	84 (22X14)	F-25, F-30	400	89920	5200	3835	142
SB-SR500-2B	16~60 : 1	115	100 (28X16)	F-30, F-35	510	114650	7800	5753	253
SB-SR550-2B	16~60 : 1	120	105 (28X16)	F-35, F-40	1500	337210	10400	7671	306
SB-SR600-2B	20~64 : 1	130	115 (32X18)	F-35, F-40	2310	519300	13000	9588	358
SB-SR700-2B	25~85 : 1	150	130 (36X20)	F-40, F-48	2500	562020	17600	12981	492
SB-SR750-2B	27.5~93.5 : 1	160	140 (36X20)	F-48	3450	775590	21000	15489	600
SB-SR800-2B	27.5~93.5 : 1	180	160 (40X22)	F-48	4100	921700	32000	23602	707

Size and component specification in this catalogue are subject to change without prior notice for quality improvement.