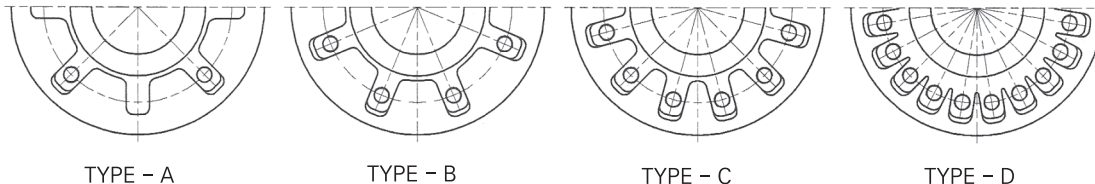
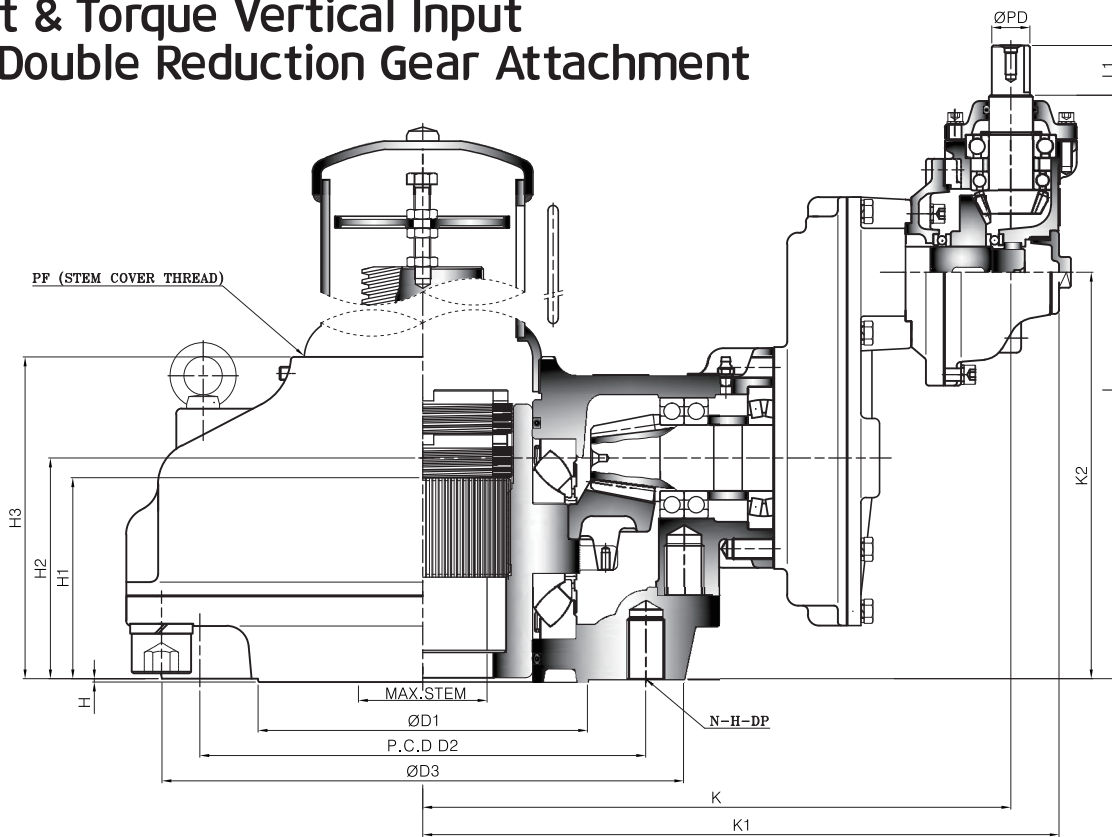


# STANDARD TYPE-B

## Thrust & Torque Vertical Input with Double Reduction Gear Attachment



### Dimension

UNIT : mm

DIM MODEL	BASE PART						EXTERNAL PART								INPUT SHAFT PART			HAND WHEEL	STEM COVER
	TYPE	FLANGE	ØD1	P.C.D		ØD3	H	H1	H2	H3	K	K1	K2	L	L1	ØPD	KEY		
				ØD2	N-H-DP														
SB-V0-1S2B	A	F-14	100	140	4-M16-24	175	3	72	81	121	242.5	282.5	160	249	34	26	8X7	250	PF2-1/2"
SB-V1-1S2B		F-16	130	165	4-M20-30	210		84	98	140	255	295	177	266				250	PF3"
SB-V2-1S2B	B	(F-16) F-20	140	205	8-M16-24	250	3	95	115	159.5	277.5	317.5	208	297	34	26	8X7	250	PF3-1/2"
SB-V3-1S2B		F-25	200	254	8-M16-24	300		102	119	166.5	297.5	337.5	212	301				250	PF4"
SB-V35-1S2B		F-30	230	298	8-M20-30	350		122	138	195	390	435	259	380				300	PF5"
SB-V4-1S2B		F-35	260	356	8-M30-45	410		133	150	209	416	466	271	392				300	PF6"
SB-V5-1S2B	C	F-35	260	356	8-M30-45	415	5	161	177	245	446	491	322	443	34	26	8X7	300	PF6"
SB-V55-1S2B		F-40	300	406	8-M36-55	475		171	192	261	466	511	337	458				400	PF8"
SB-V6-1S2B		F-40	300	406	8-M36-55	475		185	201	283	539.5	589.5	370	501				400	PF8"
SB-V7-1S2B	D	F-48	370	483	12-M36-55	560	5	206	222	309	567.5	617.5	391	522	34	26	8X7	400	PF8"
SB-V75-1S2B		F-48	370	483	12-M36-55	560		221	248	340	722.5	787.5	478	666				400	PF10"
SB-V8-1S2B		F-48	370	483	12-M36-55	560		233	259	352	753.5	818.5	488	676				400	PF10"
SB-V85-1S2B	D	F-60	470	603	20-M36-55	700	5	248	278	373	837	902	508	716	34	32	10X8	400	PF12"
SB-V9-1S2B		F-60	470	603	20-M36-55	700		263	295	398	970	1035	580	788				400	PF12"
SB-V10-1S2B		(F-60) F-80	650	800	20-M42-63	900		378	375	490	1053	1135.5	659	925				44	38

# Spiral Bevel Gear Actuators

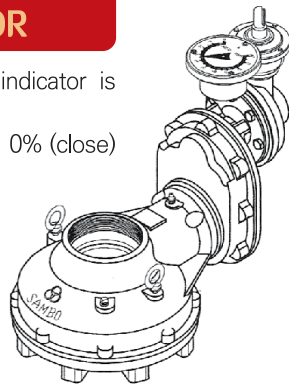
## ❖ Feature

- 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.



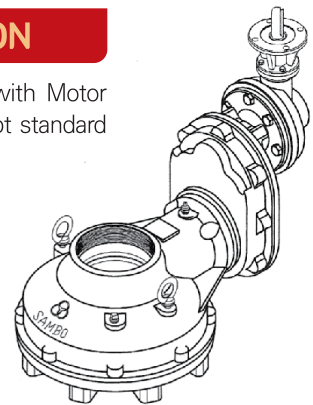
### DIAL INDICATOR

A unique local position dial indicator is available. It is graduated in percent from 0% (close) to 100% (open).



### M · O · V OPTION

Bevel Gear can be provided with Motor actuator input flanges to accept standard ISO Mounting Base.



## ❖ Selection Chart for Manual Operation

MODEL	SIZE GEAR RATIO	MAX. STEM ACCEPTANCE		MOUNTING OPTION & STANDARD	MAX. THRUST CAPACITY		MAX. TORQUE CAPACITY		WEIGHT Kg
		TW	KEY		KN	lbf	N-m	Ft. lbf	
SB-V0-1S2B	13 : 1	46	38 (12X8)	F-10, F-12, F-14	127	28550	600	442	25
SB-V1-1S2B	14 : 1	55	45 (14X9)	F-14, F-16	141	31700	980	723	31
SB-V2-1S2B	20.26 : 1	62	52 (16X10)	F-14, F-16, (F-20)	190	42710	1500	1106	46
SB-V3-1S2B	25.32 : 1	72	60 (18X11)	F-16, (F-20), F-25	288	64750	2500	1844	57
SB-V35-1S2B	41.25 : 1	85	72 (20X12)	F-25, F-30	350	78680	3500	2581	98
SB-V4-1S2B	45 : 1	98	84 (22X14)	F-25, F-30, F-35	400	89920	5200	3835	119
SB-V5-1S2B	57.36 : 1	110	95 (28X16)	F-30, F-35	510	114650	7800	5753	171
SB-V55-1S2B	61.25 : 1	120	105 (28X16)	F-30, F-35, F-40	1500	337210	10400	7671	226
SB-V6-1S2B	84 : 1	130	115 (32X18)	F-30, F-35, F-40	2310	519300	13000	9588	291
SB-V7-1S2B	90.67 : 1	150	130 (36X20)	F-40, F-48	2500	562020	17600	12981	356
SB-V75-1S2B	140 : 1	160	140 (36X20)	F-40, F-48	3450	775590	21000	15489	566
SB-V8-1S2B	160 : 1	180	160 (40X22)	F-40, F-48	4100	921700	32000	23602	573
SB-V85-1S2B	200 : 1	190	170 (40X22)	F-48, F-60	5150	1157760	40000	29502	644
SB-V9-1S2B	200 : 1	200	180 (45X25)	F-48, F-60	5450	1225180	55000	40566	873
SB-V10-1S2B	220 : 1	230	200 (50X28)	F-60, (F-80)	7300	2585300	75000	55317	1057

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