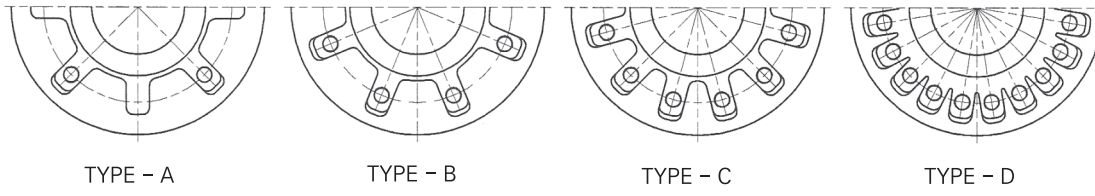
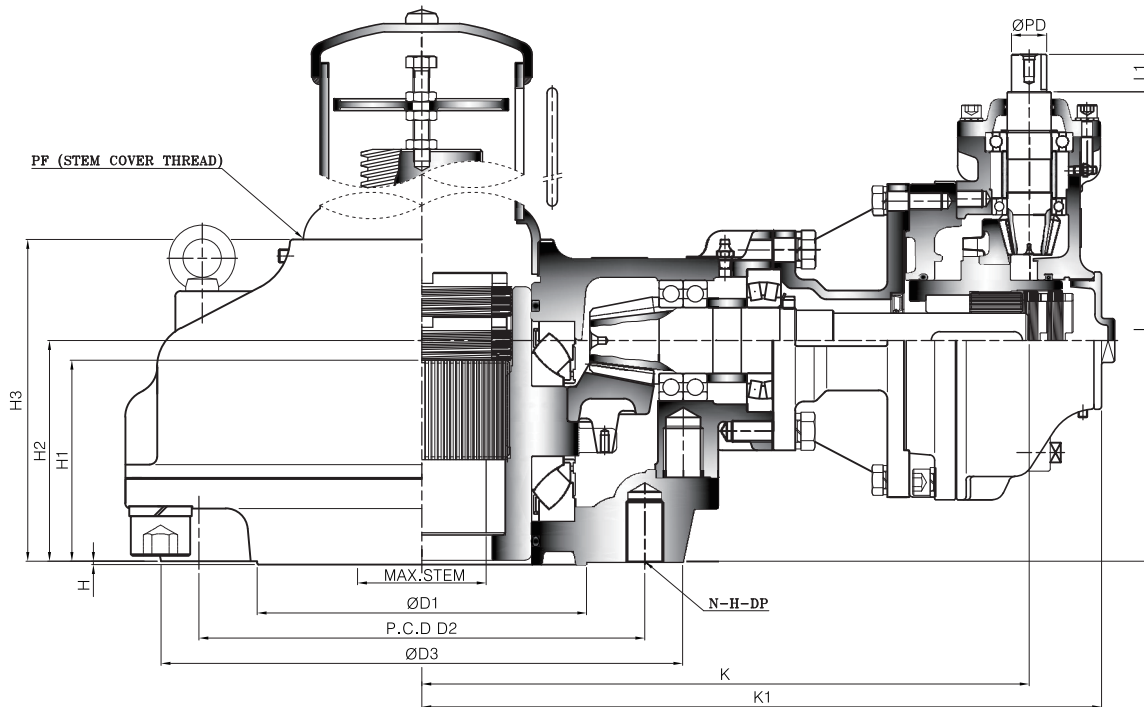


STANDARD TYPE-B

Thrust & Torque Vertical Input with Single 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	L	L1	ØPD			KEY	
				ØD2	N-H-DP														
SB-V0-2B	A	F-14	100	140	4-M16-24	175	3	72	81	121	244.5	278.5	170	34	26	8X7	250	PF2-1/2"	
SB-V1-2B		F-16	130	165	4-M20-30	210		84	98	140	252	286	187				250	PF3"	
SB-V2-2B	B	(F-16) F-20	140	205	8-M16-24	250	3	95	115	159.5	299	340	236	34	26	8X7	300	PF3-1/2"	
SB-V3-2B		F-25	200	254	8-M16-24	300		102	119	166.5	326.5	368	250				300	PF4"	
SB-V35-2B		F-30	230	298	8-M20-30	350		122	138	195	415	474	292.5				400	PF5"	
SB-V4-2B		F-35	260	356	8-M30-45	410		133	150	209	457	521	317				500	PF6"	
SB-V5-2B		F-35	260	356	8-M30-45	415		161	177	245	419	488.5	365				630		
SB-V55-2B		F-40	300	406	8-M36-55	475		171	192	261	439	508.5	380				710	PF8"	
SB-V6-2B		F-40	300	406	8-M36-55	475		185	201	283	482	557.5	409				34		32
SB-V7-2B		C	F-48	370	483	12-M36-55		560	5	206	222	309	510				585.5	430	34
SB-V75-2B	F-48		370	483	12-M36-55	560	221	248		340	567	639	514	44	38	12X8	800	PF10"	
SB-V8-2B	F-48		370	483	12-M36-55	560	233	259		352	608	670	524	44	38	12X8	800	PF10"	
SB-V85-2B	D	F-60	470	603	20-M36-55	700	5	248	278	373	654	730	569	44	38	12X8	900	PF12"	
SB-V9-2B		F-60	470	603	20-M36-55	700		263	295	398	749	833	630	44	38	12X8	900	PF12"	
SB-V10-2B		(F-60) F-80	650	800	20-M42-63	900		378	375	490	845	938	750	58	50	16X10	1000		

Spiral Bevel Gear Actuators

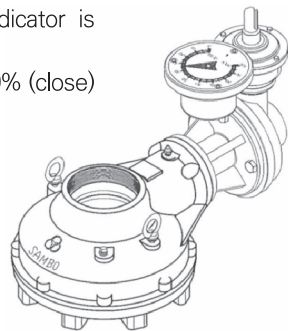
❖ Feature

- 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.



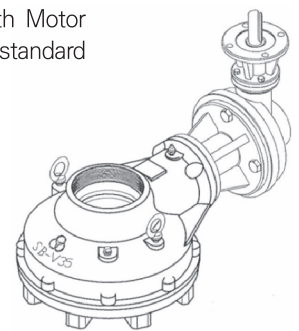
DIAL INDICATOR

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
		TW	KEY		KN	lbf	N-m	Ft. lbf	
SB-V0-2B	6.5 : 1	46	38 (12X8)	F-10, F-12, F-14	127	28550	600	442	23
SB-V1-2B	7 : 1	55	45 (14X9)	F-14, F-16	141	31700	980	723	29
SB-V2-2B	10 : 1	62	52 (16X10)	F-14, F-16, (F-20)	190	42710	1500	1106	42
SB-V3-2B	15 : 1	72	60 (18X11)	F-16, (F-20), F-25	288	64750	2500	1844	56
SB-V35-2B	17.87 : 1	85	72 (20X12)	F-25, F-30	350	78680	3500	2581	93
SB-V4-2B	21 : 1	98	84 (22X14)	F-25, F-30, F-35	400	89920	5200	3835	121
SB-V5-2B	26.22 : 1	110	95 (28X16)	F-30, F-35	510	114650	7800	5753	184
SB-V55-2B	35 : 1	120	105 (28X16)	F-30, F-35, F-40	1500	337210	10400	7671	235
SB-V6-2B	35 : 1	130	115 (32X18)	F-30, F-35, F-40	2310	519300	13000	9588	297
SB-V7-2B	37.77 : 1	150	130 (36X20)	F-40, F-48	2500	562020	17600	12981	362
SB-V75-2B	40 : 1	160	140 (36X20)	F-40, F-48	3450	775590	21000	15489	538
SB-V8-2B	44 : 1	180	160 (40X22)	F-40, F-48	4100	921700	32000	23602	551
SB-V85-2B	48 : 1	190	170 (40X22)	F-48, F-60	5150	1157760	40000	29502	631
SB-V9-2B	52.44 : 1	200	180 (45X25)	F-48, F-60	5450	1225180	55000	40566	890
SB-V10-2B	56 : 1	230	200 (50X28)	F-60, (F-80)	7300	2585300	75000	55317	1121

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