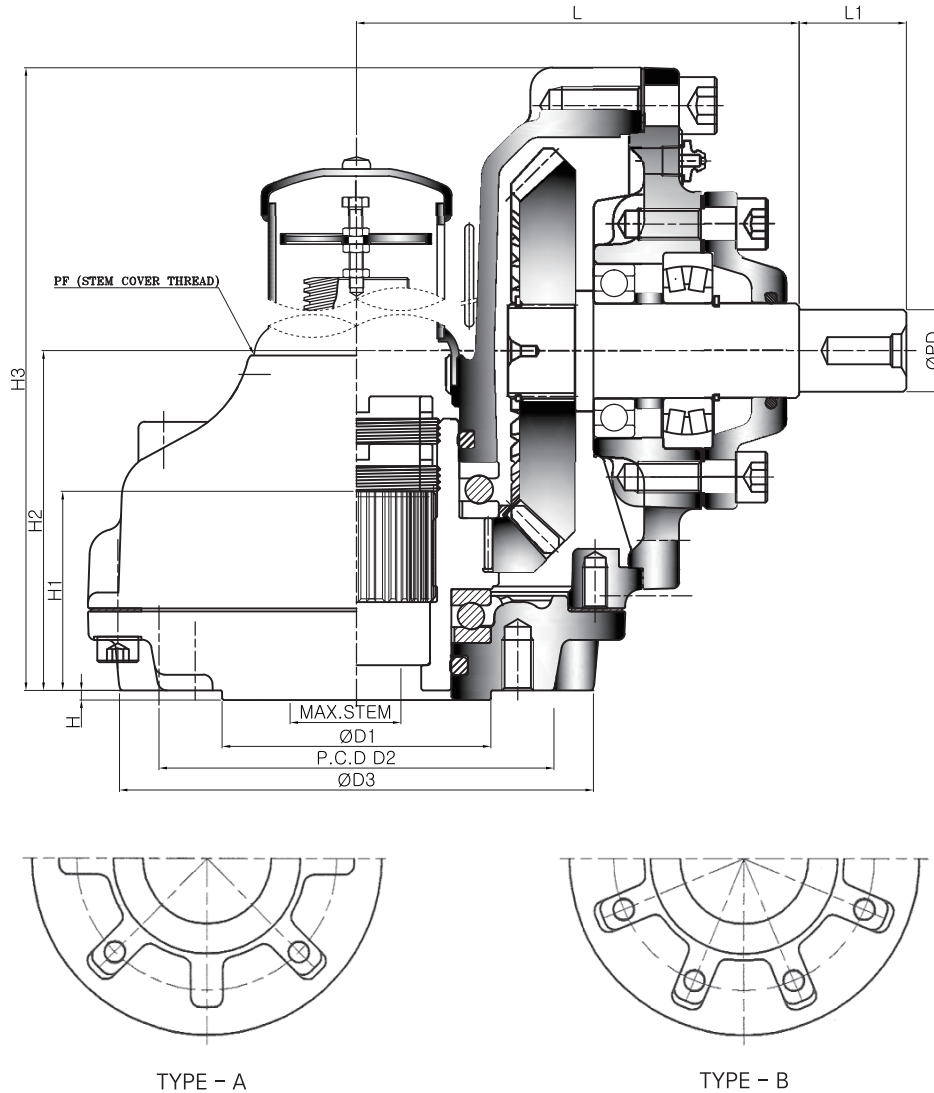


STANDARD TYPE-A

Thrust & Torque Horizontal Input



Dimension

UNIT : mm

DIM MODEL	TYPE	FLANGE	BASE PART				EXTERNAL PART					INPUT SHAFT PART		HAND WHEEL	STEM COVER					
			ØD1	P.C.D		ØD3	H	H1	H2	H3	L	L1	ØPD			KEY				
				ØD2	N-H-DP															
SB-MT-VS10	A	F-10	70	102	4-M10-15	125	3	56	102.5	179	129	34	32	10X8	250	PF2"				
SB-MT-VS20		F-12	85	125	4-M12-18	150		63	107.5	197	140				300					
SB-MT-V0		F-14	100	140	4-M16-24	175		72	130	231	166.5				400					
SB-MT-V1		F-16	130	165	4-M20-30	210		84	157	275	181				500					
SB-MT-V2	B	(F-16) F-20	140	205	8-M16-24	250	3	95	185	311	204	34	32	10X8	630	PF3-1/2"				
SB-MT-V3		F-25	200	254	8-M16-24	300		102	211	361	227				710		PF4"			
SB-MT-V35		F-30	230	298	8-M20-30	350		122	250	413	286				800		PF5"			
SB-MT-V4		F-35	260	356	8-M30-45	410		133	285	476	313				44		38	12X8	900	PF6"
SB-MT-V5		F-35	260	356	8-M30-45	415		161	324.5	540	337									
SB-MT-V55		F-40	300	406	8-M36-55	475		171	358	586	358				58		50	16X10	1000	PF8"
SB-MT-V6		F-40	300	406	8-M36-55	475		185	387	649	409									

Spiral Bevel Gear Actuators

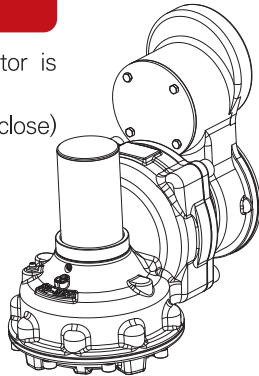
❖ Feature

- 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.



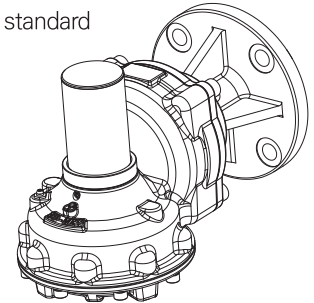
DIAL INDICATOR

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-MT-VS10	1 : 1	30	22 (8X7)	F-07, F-10	75.5	16970	220	162	10
SB-MT-VS20	1 : 1	40	32 (10X8)	F-10, F-12	113	25400	370	273	14
SB-MT-V0	1 : 1	46	38 (12X8)	F-12, F-14	127	28550	600	442	21
SB-MT-V1	1 : 1	55	45 (14X9)	F-14, F-16	141	31700	980	723	29
SB-MT-V2	1 : 1	62	52 (16X10)	F-16, (F-20)	190	42710	1500	1106	45
SB-MT-V3	1 : 1	72	60 (18X11)	(F-20), F-25	288	64750	2500	1844	59
SB-MT-V35	1 : 1	85	72 (20X12)	F-25, F-30	350	78680	3500	2581	102
SB-MT-V4	1 : 1	98	84 (22X14)	F-30, F-35	400	89920	5200	3835	129
SB-MT-V5	1 : 1	110	95 (28X16)	F-30, F-35	510	114650	7800	5753	200
SB-MT-V55	1 : 1	120	105 (28X16)	F-30, F-35, F-40	1500	337210	10400	7671	254
SB-MT-V6	1 : 1	130	115 (32X18)	F-30, F-35, F-40	2310	519300	13000	9588	310

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