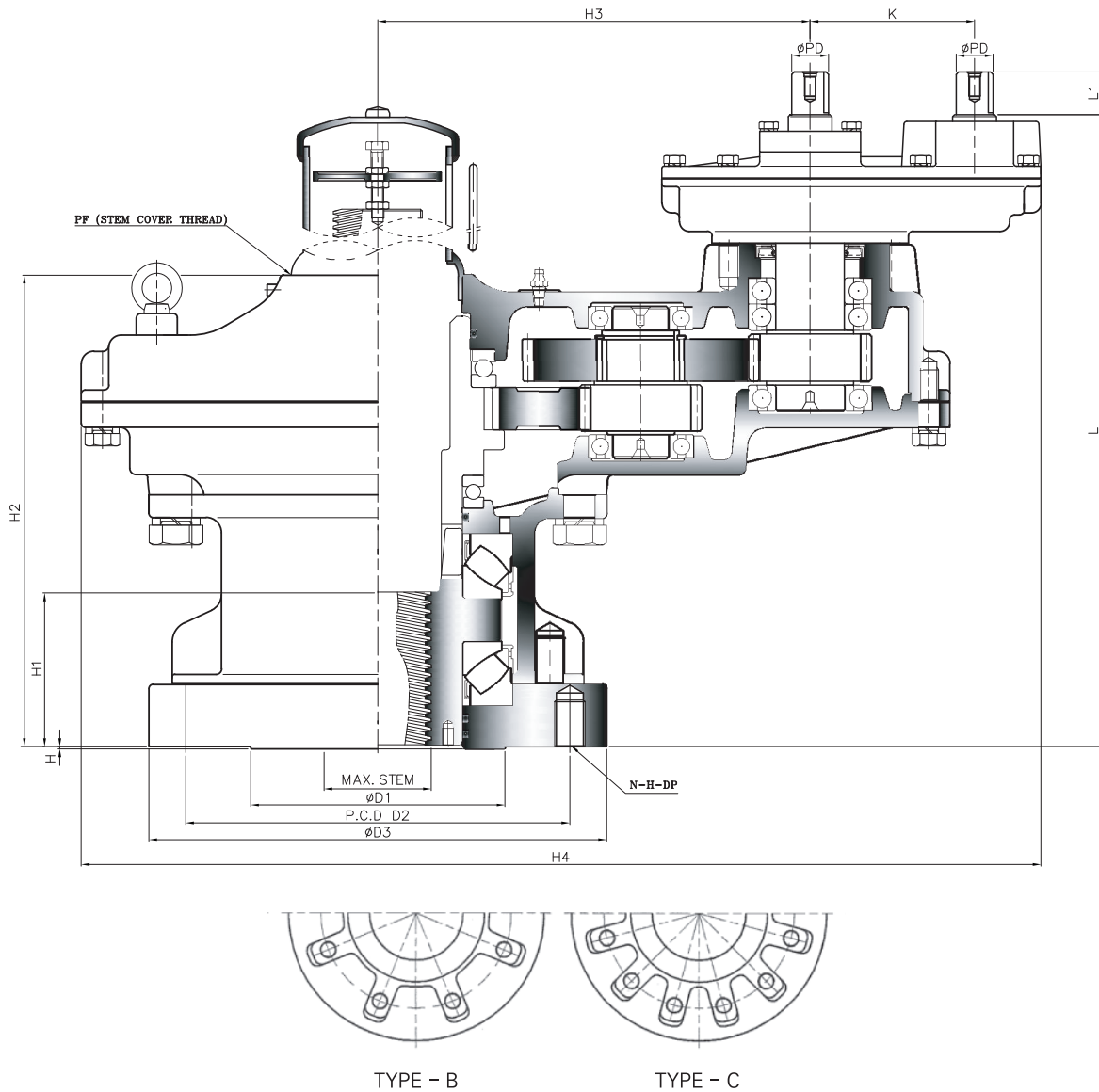


STANDARD TYPE-C High Load

Thrust & Torque (Twin Shaft) Vertical Input with Single Reduction Gear Attachment

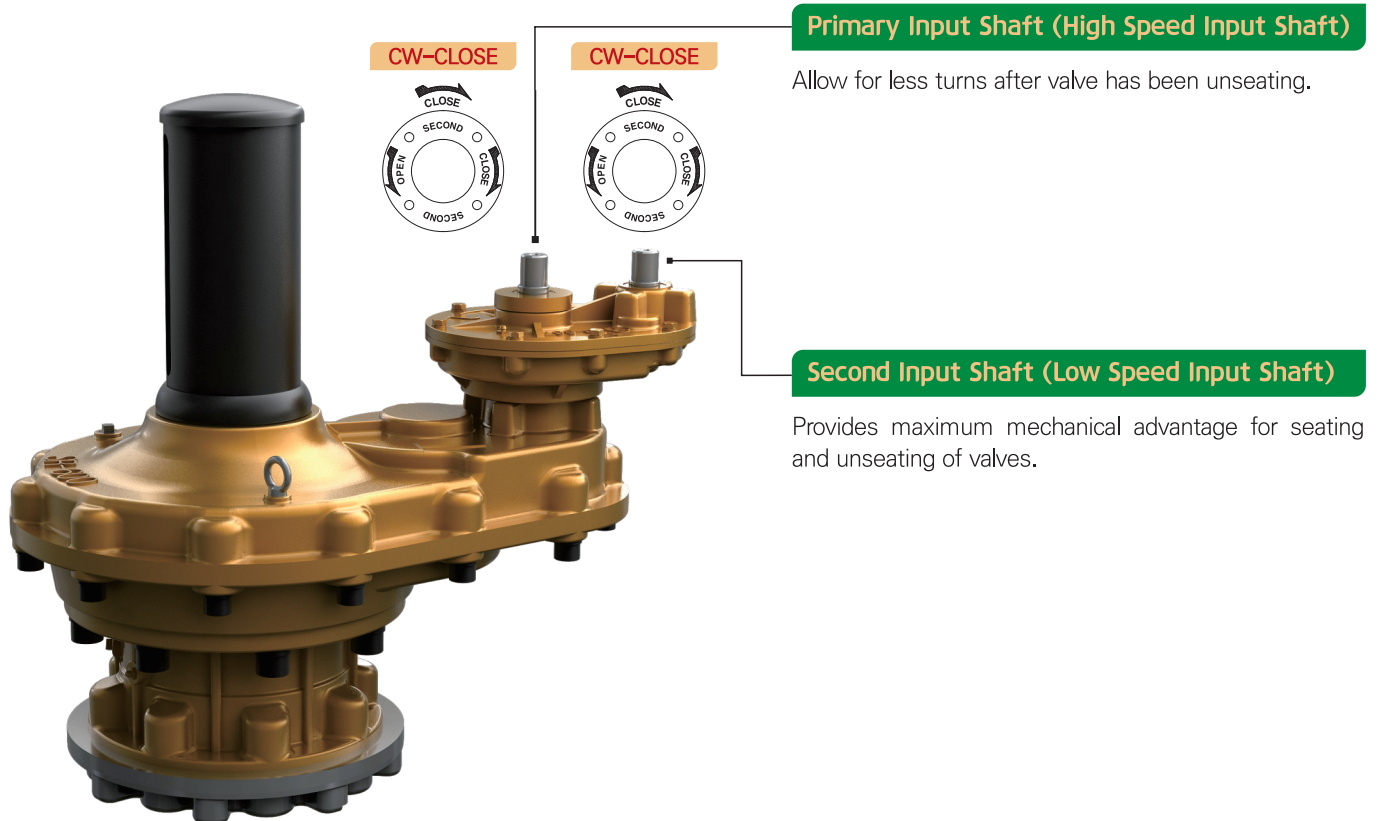


Dimension

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	H4	K	L	L1	ØPD			KEY			
				ØD2	N-H-DP																
SB-SR200H-1ST	B	F-25	200	254	8-M16-24	300	3	99	317	230	531	93	416	34	26	8X7	300	PF3-1/2"			
SB-SR300H-1ST		F-30	230	298	8-M20-30	350		118	351	279	615		459				400	PF4"			
SB-SR350H-1ST		F-30	230	298	8-M20-30	350		118	388	315	705	513	500				PF6"				
SB-SR400H-1ST		F-35	260	356	8-M30-45	415		143	412	346	756	121	538				500	PF6"			
SB-SR500H-1ST		F-35	260	356	8-M30-45	415		155	473	398	841	603	500				PF6"				
SB-SR550H-1ST		F-40	300	406	8-M36-55	475		170	528.5	413	915	145	678				500	PF6"			
SB-SR600H-1ST		F-40	300	406	8-M36-55	475		170	520	437.5	987	169	696				44	38	12X8	500	PF8"
SB-SR700H-1ST		F-48	370	483	12-M36-55	560		197	613	503	1101	169	790				44	38	12X8	630	PF8"
SB-SR750H-1ST	C	F-48	370	483	12-M36-55	560	5	217	668	527	1240	230	940	58	50	16X10	710	PF10"			
SB-SR800H-1ST		F-48	370	483	12-M36-55	560		217	689	559	1295	230	963	58	50	16X10	710	PF10"			

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, stem covers are available.

❖ Selection Chart for Manual Operation

SIZE MODEL	MAX. GEAR RATIO (Changeable)		MAX. STEM ACCEPTANCE		MOUNTING OPTION & STANDARD	MAX. THRUST CAPACITY		MAX. TORQUE CAPACITY		WEIGHT Kg
	PRIMARY	SECOND	TW	KEY		KN	lbf	N-m	Ft . lbf	
SB-SR200H-1ST	12 : 1	30 : 1	65	55 (16X10)	(F-20), F-25	1080	242800	2900	2139	86
SB-SR300H-1ST	13 : 1	33 : 1	80	70 (20X12)	F-25, F-30	1710	384400	4500	3319	134
SB-SR350H-1ST	13 : 1	39 : 1	85	72(20X12)	F-25, F-30	2100	472099	7000	5163	167
SB-SR400H-1ST	14 : 1	42 : 1	95	85 (22X14)	F-25, F-30, F-35	2450	550800	9800	7228	200
SB-SR500H-1ST	15 : 1	45 : 1	110	95 (25X14)	F-25, F-30, F-35	2900	651900	15000	11063	342
SB-SR550H-1ST	15 : 1	52.5 : 1	120	105(28X16)	F-30, F-35, F-40	3400	764350	19000	14013	422
SB-SR600H-1ST	16 : 1	64 : 1	130	115 (32X18)	F-30, F-35, F-40	3500	786800	23000	16964	502
SB-SR700H-1ST	17 : 1	68 : 1	150	130 (36X20)	F-35, F-40, F-48	4700	1056600	37000	27290	738
SB-SR750H-1ST	17 : 1	85 : 1	160	140(36X20)	F-48	5000	1124045	46000	33928	902
SB-SR800H-1ST	17 : 1	85 : 1	170	160 (40X22)	F-48	5200	1169000	58000	42778	1066

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