



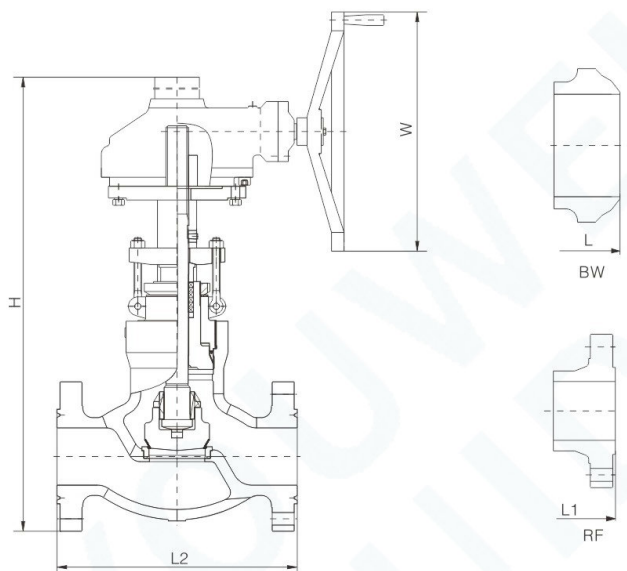
■ PRESSURE SELF SEALING GLOBE VALVE

Material List

Parts	Standard materials	Low temperature environment	Stainless steel material	High temperature environment	Acidic environment
Body	ASTM A216 WCB	ASTM A351 CF8M	ASTM A352 LCC	ASTM A217 WC9	ASTM A216 WCB
Clack	ASTM A105N+STL.6	ASTM A182 F316+STL.6	ASTM A350 LF2+STL.6	ASTM A182 F22+STL.6	ASTM A105N+STL.6
Stem	ASTM A182 F6a	ASTM A182 F316	ASTM A182 F304	ASTM A182 F6a	ASTM A182 F6a(NACE)
Stuffing box	ASTM A182 F6a	ASTM A182 F316	ASTM A182 F304	ASTM A182 F6a	ASTM A182 F6a(NACE)
* Sealing ring	Stainless steel/Graphite	Stainless steel/Graphite	Stainless steel/Graphite	Stainless steel/Graphite	Stainless steel/Graphite
Support	ASTM A216 WCB	ASTM A351 CF8M	ASTM A352 LCC	ASTM A217 WC9	ASTM A216 WCB
Quarto ring	ASTM A182 F6a	ASTM A182 F316	ASTM A182 F304	ASTM A182 F6a	ASTM A182 F6a(NACE)
Packing	Graphite	Graphite	Graphite	Graphite	Graphite
Pressing sleeve	ASTM A276 410	ASTM A276 316	ASTM A276 304	ASTM A276 410	ASTM A276 410
Packing plate	ASTM A216 WCB	ASTM A351 CF8M	ASTM A352 LCC	ASTM A217 WC9	ASTM A216 WCB
Knuckle bolt	ASTM A193 B7	ASTM A193 B8	ASTM A320 L7	ASTM A193 B16	ASTM A193 B7M
Knuckle nut	ASTM A193 2H	ASTM A193 8	ASTM A193 7	ASTM A193 4	ASTM A193 2HM
Stem nut	ASTM A439 D-2	ASTM A439 D-2	ASTM A439 D-2	ASTM A439 D-2	ASTM A439 D-2
Hand wheel cover	ASTM A29 1025	ASTM A29 1025	ASTM A29 1025	ASTM A29 1025	ASTM A29 1025
Impact handwheel	Ductile iron	Ductile iron	Ductile iron	Ductile iron	Ductile iron
Impacting block	ASTM A29 1045	ASTM A29 1045	ASTM A29 1045	ASTM A29 1045	ASTM A29 1045
Disc nut	ASTM A276 410	ASTM A276 316	ASTM A276 304	ASTM A276 410	ASTM A276 410(NACE)

* Sealing ring: 4" and below stainless steel + graphite; Stainless steel above 4"

■ PRESSURE SELF SEALING GLOBE VALVE



Main Dimensions

Class600LB

NPS	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
DN	mm	50	65	80	100	125	150	200	250	300	350	400
L(BW)	in	7	8.5	10	12	15	18	23	28	32	/	/
	mm	178	216	254	305	381	457	584	711	813	/	/
L1(RF)	in	12	13	14	17	20	22	26	31	33	35	39
	mm	292	330	356	432	508	559	660	787	838	889	991
L2(RTJ)	in	12	13	14	17	20	22	26	31	33	35	39
	mm	295	333	359	435	511	562	663	790	841	892	994
W	in	10	12	14	18	20	22	24	28	24	24	32
	mm	248.9	300	351	450	500	559	559	701	*610	*610	*810
H	in	22	25	27	30	39	45	49	55	61	71	85
	mm	551	630	681	749	1000	1151	1250	1400	1549	1800	2150
WT(RF)	kg	45	55	85	135	190	305	620	1310	1900	2720	3150
WT(BW)	kg	35	45	60	95	150	230	540	1150	1720	2530	2900

Main Dimensions

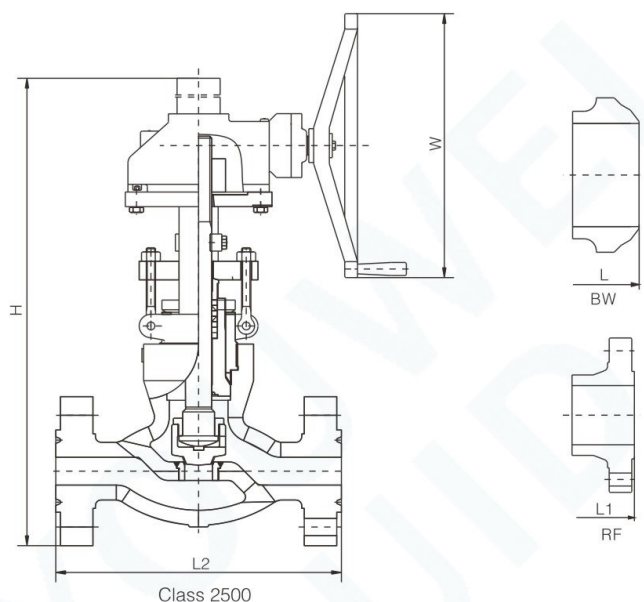
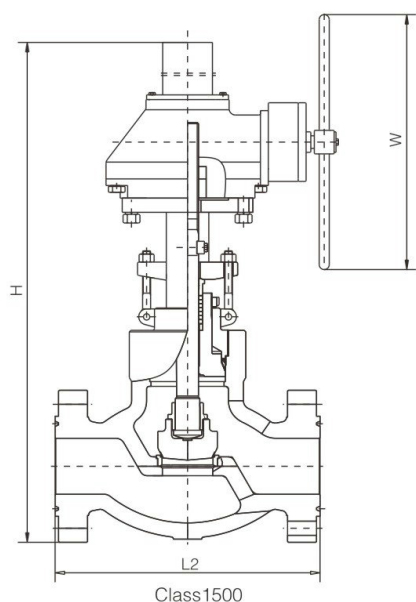
Class900LB

NPS	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
DN	mm	50	65	80	100	150	200	250	300	350	400
L(BW)	in	8.5	10	12	14	20	26	31	36	39	43
	mm	216	254	305	356	508	660	787	914	991	1092
L1(RF)	in	15	17	15	18	24	29	33	38	41	45
	mm	368	419	381	457	610	737	838	965	1029	1130
L2(RTJ)	in	15	17	15	18	24	29	33	38	41	45
	mm	371	422	384	460	613	740	841	968	1039	1140
W	in	14	14	14	20	22	24	24	39	39	47
	mm	356	356	350	508	560	*610	*610	*1000	*1000	*1200
H	in	24	25	28	34	34	53	61	69	79	91
	mm	620	640	721	851	870	1349	1549	1750	2000	2311
WT(RF)	kg	84	110	116	179	441	1050	1720	2300	3350	4000
WT(BW)	kg	58	74	84	137	378	945	1520	2050	3050	3600

* Gearbox drive



■ PRESSURE SELF SEALING GLOBE VALVE



Main Dimensions

Class1500LB

NPS	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"
DN	mm	50	65	80	100	150	200	250	300	350
L(BW)	in	8.5	10	12	16	22	28	34	39	42
	mm	216	254	305	406	559	711	864	991	1067
L1(RF)	in	15	17	19	22	28	33	39	45	50
	mm	368	419	470	546	705	832	991	1130	1257
L2(RTJ)	in	15	17	19	22	28	33	39	45	50
	mm	371	422	473	549	711	842	1001	1146	1276
W	in	14	14	18	18	24	32	39	39	47
	mm	350	356	450	*460	*610	*810	*1000	*1000	*1200
H	in	20	25	25	32	48	50	58	91	106
	mm	511	640	644	819*	1229	1272	1468	2311	2692
WT(RF)	kg	84	116	143	236	918	1764	2680	3400	4300
WT(BW)	kg	58	85	128	168	781	1502	2280	2830	3600

Main Dimensions

Class2500LB

NPS	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
DN	mm	50	65	80	100	150	200	250	300
L(BW)	in	11	13	14.5	18	24	30	36	41
	mm	279	330	368	457	610	762	914	1041
L1 (RF)	in	18	20	23	27	36	40	50	56
	mm	451	508	578	673	914	1022	1270	1422
L2(RTJ)	in	18	20	23	27	37	41	51	57
	mm	454	514	584	683	927	1038	1292	1444
W	in	16	20	20	24	24	39	39	39
	mm	400	500	500	*610	*610	*1000	*1000	*1000
H	in	24	31	30	51	54	62	100	106
	mm	617	780	750	1300	1369	1583	2540	2692
WT(RF)	kg	105	163	221	525	1313	2520	3300	4200
WT(BW)	kg	74	106	147	368	973	2100	2500	3300

* Gearbox drive