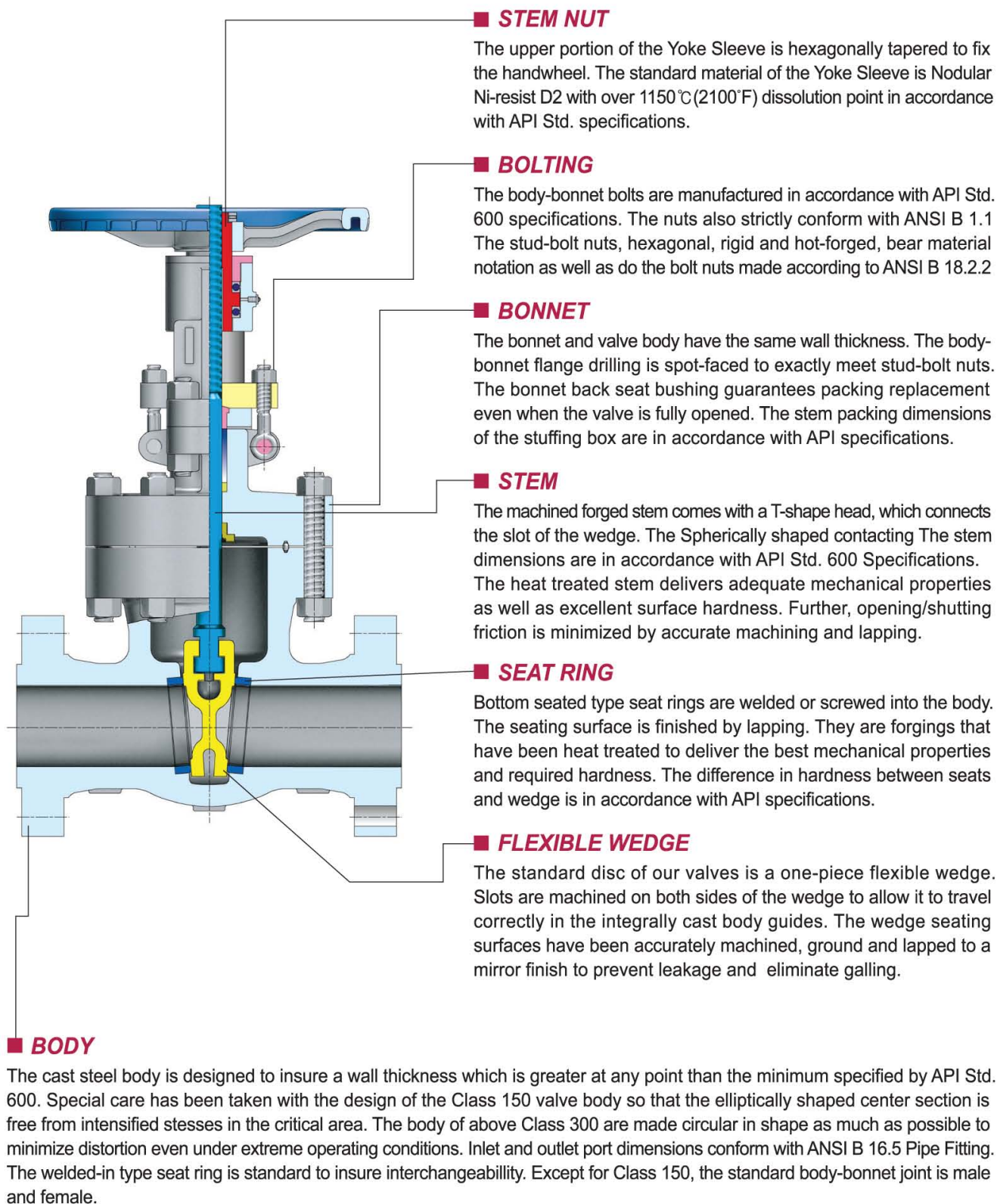


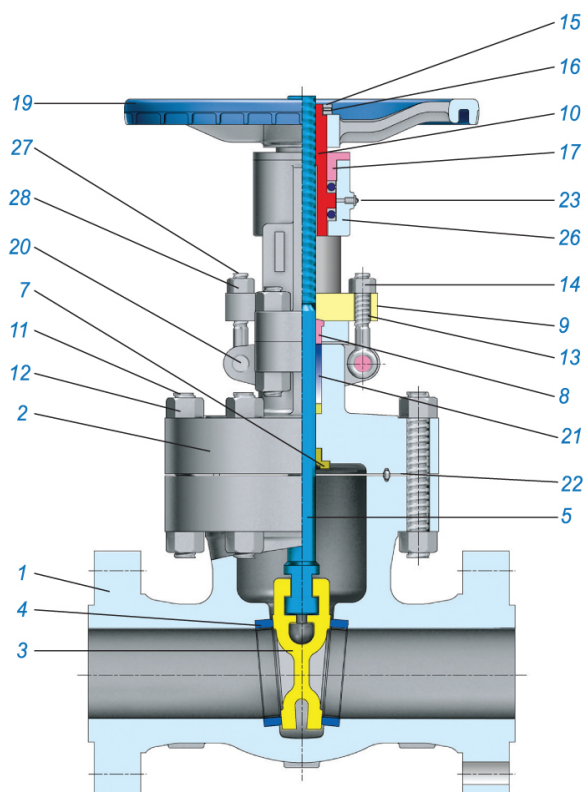
CAST CARBON STEEL / BOLTED BONNET

GATE VALVES



CAST CARBON STEEL / BOLTED BONNET

GATE VALVES



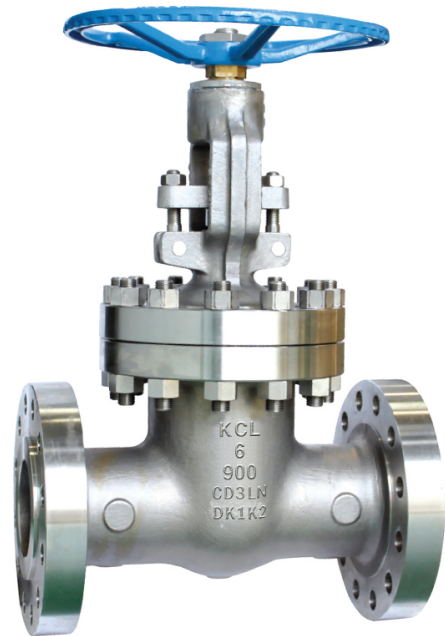
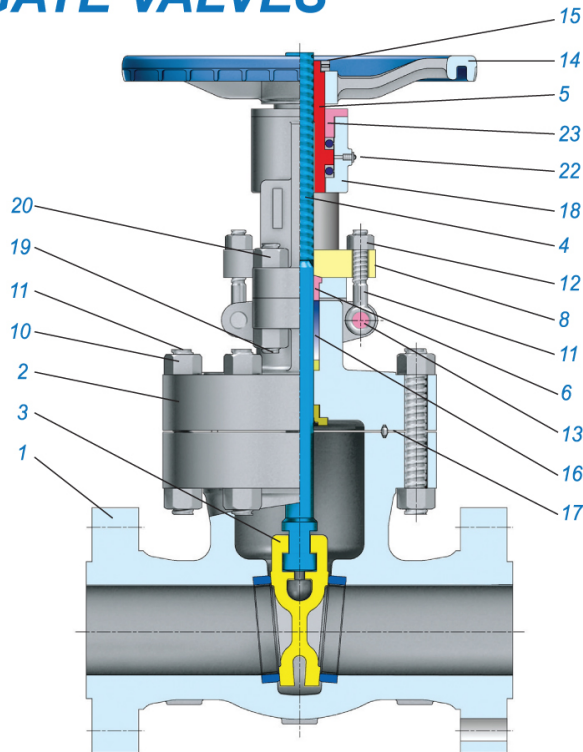
No.	NAME OF PART	ASTM SPECIFICATION
15	HANDLE NUT	A 307.B+ZN PLATED
16	SET SCREW	A 307.B
17	SLEEVE GLAND	STEEL
19	HANDWHEEL	A395
21	PACKING	SEE PAGE 44
22	GASKET	SEE PAGE 44
23	GREASE NIPPLE	B16

No.	NAME OF PART	ASTM SPECIFICATION						KS SPECIFICATION
		STANDARD	HIGH TEMPERATURE SERVICE				LOW TEMPERATURE SERVICE	STANDARD
1	BODY	A216-WCB	A217-WC1	A217-WC6	A217-WC9	A217-C5	A352-LCB	SCPH2
2	BONNET	A216-WCB	A217-WC1	A217-WC6	A217-WC9	A217-C5	A352-LCB	SCPH2
3	*DISC	A217-CA15	A217-WC1	A217-WC6	A217-WC9	A217-C5	A352-LCB	SSC1
4	BODY SEAT RING	C/S1020+HF	A182-F1	A182-F11	A182-F22	A182-F5a	A182-F304	STEEL+HF
5	STEM	A276-410	A276-410	A276-410	A276-410	A276-410	A276-304	STS410
7	BONNET BUSH	A276-410	A276-410	A276-410	A276-410	A276-410	A276-304	STS410
8	PACKING GLAND	A276-410	A276-410	A276-410	A276-410	A276-410	A276-304	STS410
9	GLAND FLANGE	A105/A283-D	A105/A283-D	A105/A283-D	A105/A283-D	A105/A283-D	A105/A283-D	SF45
10	STEM NUT	A439-D2	A439-D2	A439-D2	A439-D2	A439-D2	A439-D2	FCD45
11	BONNET BOLT	A193-B7	A193-B7	A193-B7	A193-B16	A193-B16	A320-L7	SNB7
12	BONNET NUT	A194-2H	A194-2H	A194-2H	A194-4	A194-4	A194-4	SM45C
13	GLAND BOLT	A307B	A307B	A307B	A307B	A307B	A307B	SM45C
14	GLAND NUT	A307B	A307B	A307B	A307B	A307B	A307B	SM45C
20	HINGE PIN	A108-1020	A108-1020	A108-1020	A108-1020	A108-1020	A108-1020	SM45C
26	YOKE	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB	SCPH2
27	YOKE BOLT	A193-B7	A193-B7	A193-B7	A193-B7	A193-B7	A193-B7	SNB7
28	YOKE NUT	A194-2H	A194-2H	A194-2H	A194-2H	A194-2H	A194-2H	SM45C

*DISC : In case of 12" and larger size, we'll use trim material overlayed one on the same or equivalent material of the Body

CAST STAINLESS STEEL / BOLTED BONNET

GATE VALVES

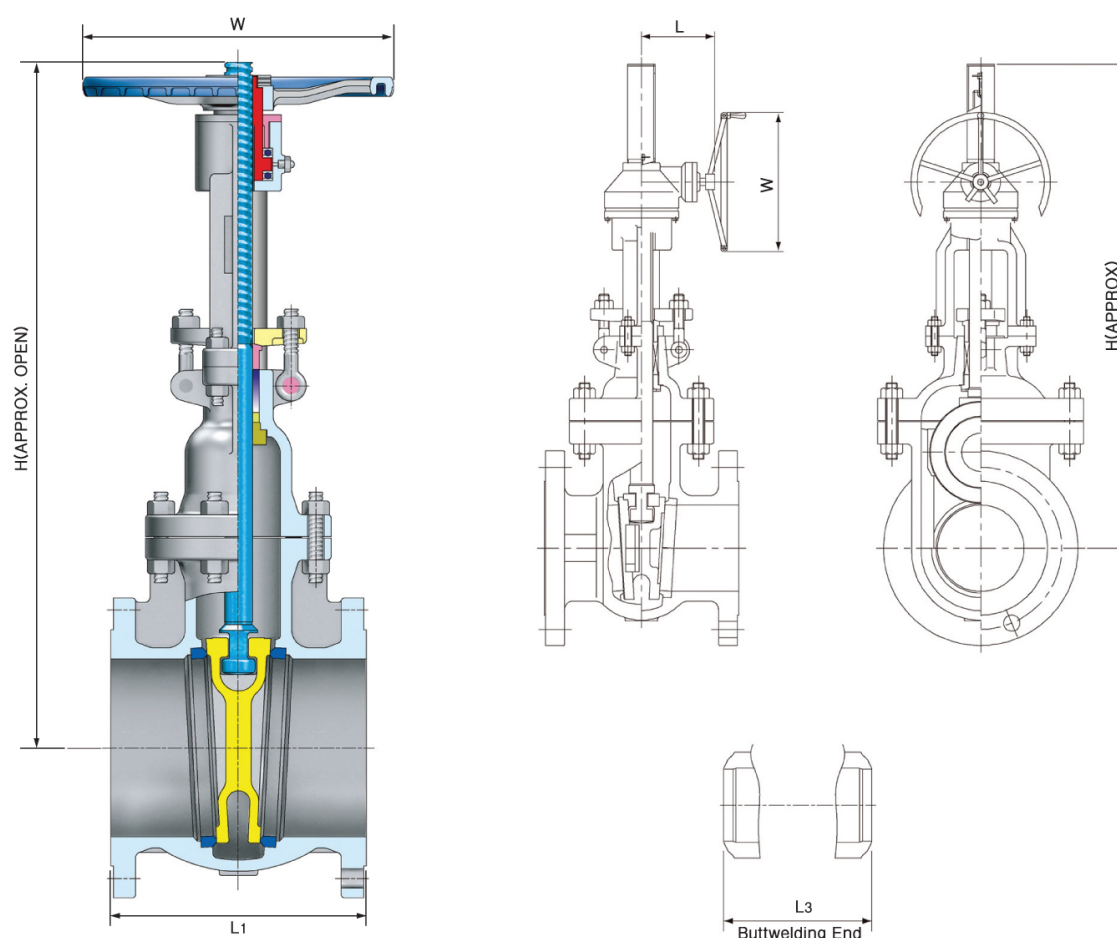


No.	NAME OF PART	ASTM SPECIFICATION				REMARKS
		CORROSION SERVICE				
1	BODY	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M	
2	BONNET	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M	
3	DISC	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M	
4	STEM	A276-304	A276-316	A276-304L	A276-316L	
5	STEM NUT	A439-D2	A439-D2	A439-D2	A439-D2	
6	PACKING GLAND	A276-304	A276-316	A276-304L	A276-316L	
8	GLAND FLANGE	A351-CF8/A240-304	A351-CF8/A240-304	A351-CF8/A240-304	A351-CF8/A240-304	
9	BONNET BOLT	A193-B8	A193-B8	A193-B8	A193-B8	
10	BONNET NUT	A194-8	A194-8	A194-8	A194-8	
11	GLAND BOLT	A193-B8	A193-B8	A193-B8	A193-B8	
12	GLAND NUT	A194-8	A194-8	A194-8	A194-8	
13	HINGE PIN	A276-304	A276-304	A276-304	A276-304	
14	HAND WHEEL	A395	A395	A395	A395	
15	HAND WHEEL NUT	A307-B+ZN PLATED	A307-B+ZN PLATED	A307-B+ZN PLATED	A307-B+ZN PLATED	
16	PACKING	COMMERCIAL	COMMERCIAL	COMMERCIAL	COMMERCIAL	NOTE1
17	GASKET	COMMERCIAL	COMMERCIAL	COMMERCIAL	COMMERCIAL	NOTE1
18	YOKE	A351-CF8	A351-CF8/CF8M	A351-CF8/CF3	A351-CF8/CF3M	
19	YOKE BOLT	A193-B8	A193-B8	A193-B8	A193-B8	
20	YOKE NUT	A194-8	A194-8	A194-8	A194-8	
21	SET SCREW	A307-B	A307-B	A307-B	A307-B	
22	GREASE NIPPLE	B16	B16	B16	B16	
23	SLEEVE GLAND	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M	

*Note1. Packing & gasket material : customer's requirements, see page 44

CAST STEEL / BOLTED BONNET

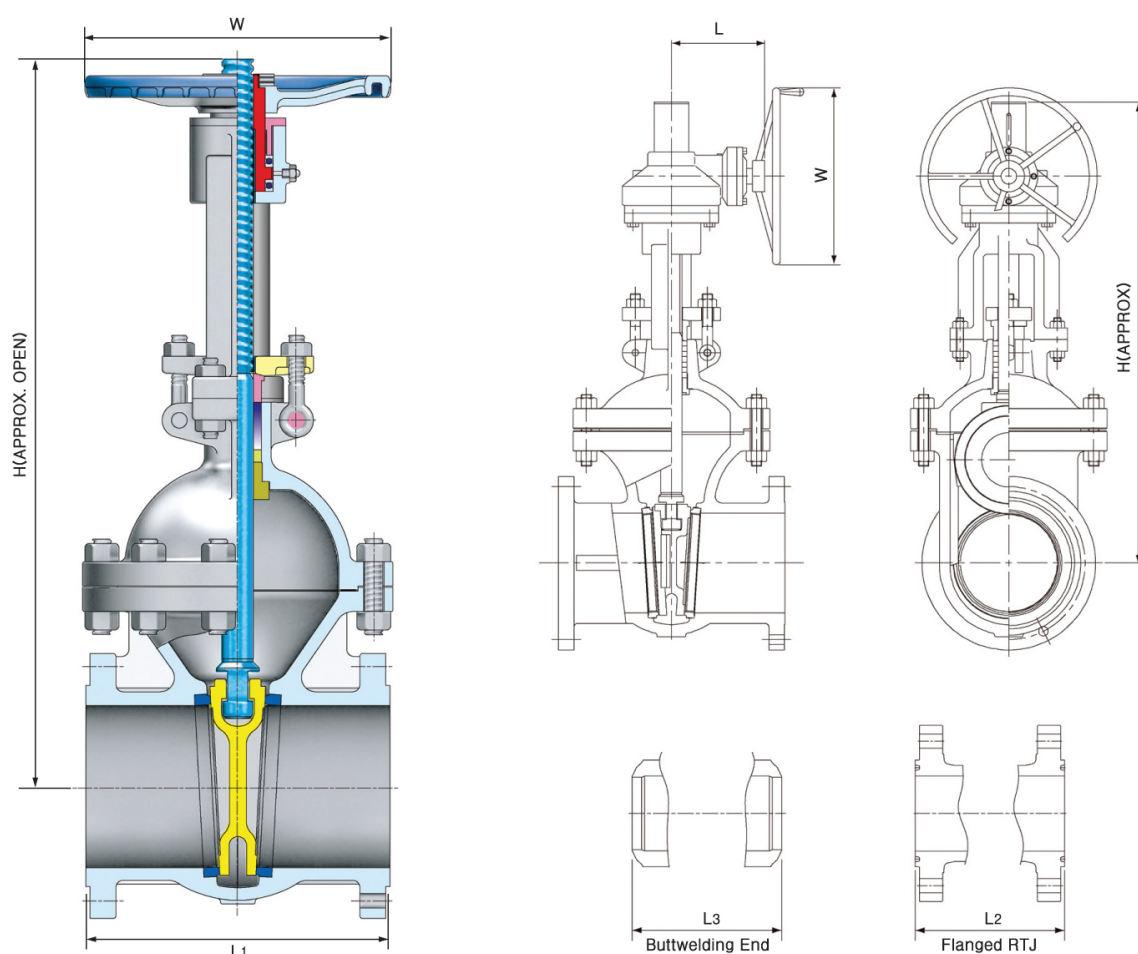
ASME CLASS 150LB



VALVE SIZE	inch	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	28	30	36	40
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	750	900	1000
L1	inch	7.0	7.5	8.0	9.0	10.0	10.5	11.5	13.0	14.0	15.0	16.0	17.0	18.0	20.0	24.0	24.0	28.0	30.0
	mm	178	191	203	229	254	267	292	330	356	381	406	432	457	508	610	610	711	762
L3	inch		9.5	11.12	12.0	15.0	15.88	16.5	18.0	19.75	22.5	24.0	26.0	28.0	32.0	36.0	36.0	40.4	42.0
	mm	216	241	283	305	381	403	419	457	502	572	610	660	711	813	914	914	1016	1067
H	inch	14.0	16.3	18.4	22.2	26.5	30.0	41.9	50.6	58.3	60.0	68.7	79.1	91.7	109.6	127.4	134.5	161.8	183.9
	mm	356	415	468	565	674	762	1065	1285	1480	1523	1745	2010	2330	2784	3236	3417	4109	4670
W	inch	7.7	7.7	8.5	9.4	11.0	11.8	14.0	15.7	17.7	13.8	13.8	13.8	17.7	17.7	22.0	22.0	27.9	31.5
	mm	195	195	215	240	280	300	355	400	450	350	350	350	450	450	560	560	710	800
L	inch	-	-	-	-	-	-	-	-	-	13.1	13.1	13.1	14.3	14.3	16.3	16.3	18.4	20.7
	mm	-	-	-	-	-	-	-	-	-	332	332	332	362	362	414	414	468	526
WEIGHT	LB	44.1	55.1	66.2	97.0	132.3	154.4	233.7	368.2	526.9	760.7	1080.5	1274.5	1611.9	2280.0	3572.1	4057.2	7497.0	9481.5
	Kg	20	25	30	44	60	70	106	167	239	345	490	578	731	1043	1620	1840	3400	4300

CAST STEEL / BOLTED BONNET

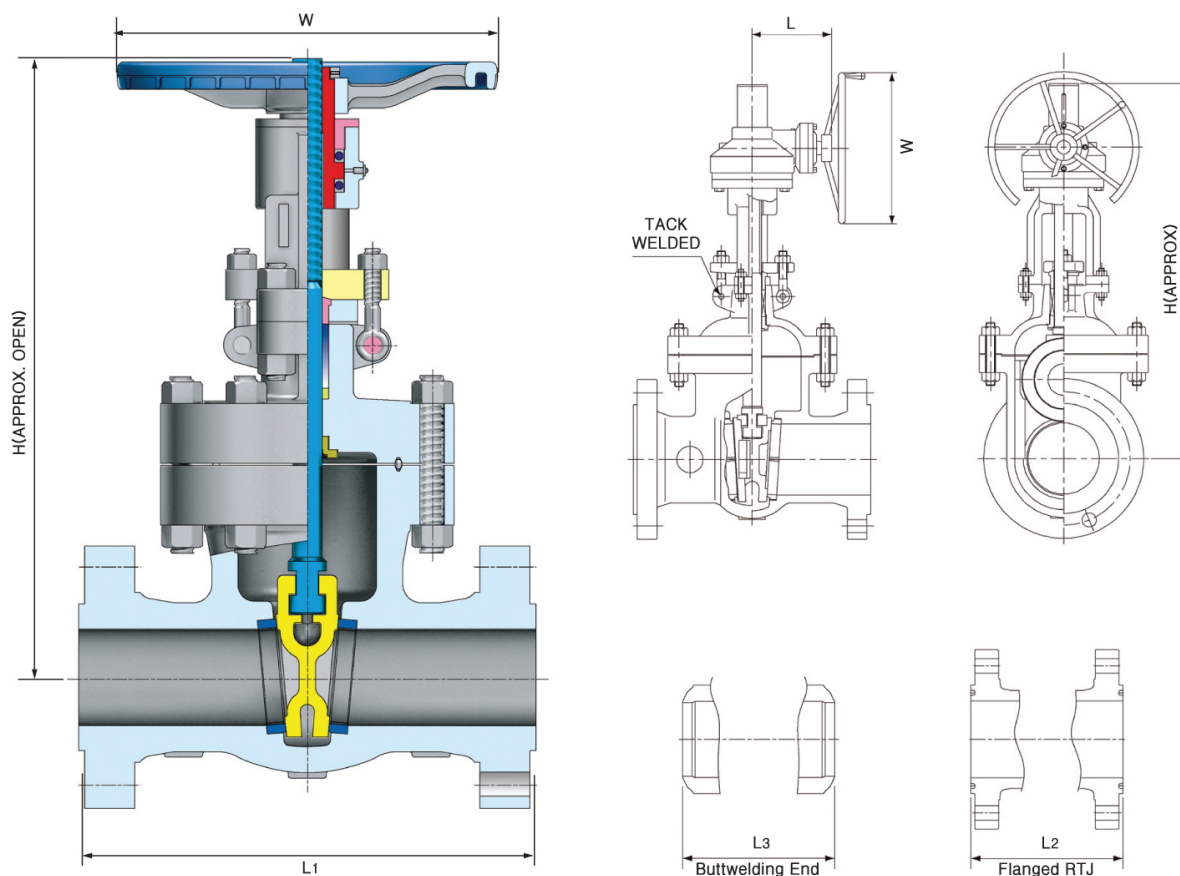
ASME CLASS 300LB



VALVE SIZE	inch	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	28	30	36	40	42
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	750	900	1000	1050
L1 & L3	inch	8.5	9.5	11.12	12.0	15.0	15.88	16.5	18.0	19.75	30.0	33.0	36.0	39.0	45.0	53.0	55.0	68.0	76.0	78.0
	mm	216	241	283	305	381	403	419	457	502	762	838	914	991	1143	1346	1397	1727	1930	1981
L2	inch	9.12	10.12	11.74	12.62	15.63	16.5	17.12	18.62	20.37	30.62	33.62	36.62	39.75	45.88	54.0	56.0	69.12	-	-
	mm	216	257	298	321	397	419	435	473	518	778	854	930	1010	1165	1372	1422	1756	-	-
H	inch	16.3	17.5	20.5	23.2	28.3	33.3	40.4	48.2	61.4	60.0	68.7	79.1	91.7	109.6	130.0	148.5	169.8	188.6	198.1
	mm	415	445	520	590	720	845	1025	1225	1560	1523	1745	2010	2330	2784	3302	3772	4312	4791	5032
W	inch	7.7	7.7	8.5	9.4	11.0	14.0	15.7	17.7	19.7	17.7	17.7	22.0	22.0	27.9	35.4	35.4	30.0	30.0	30.0
	mm	195	195	215	240	280	355	400	450	500	450	450	560	560	710	900	900	760	760	760
L	inch	-	-	-	-	-	-	-	-	-	14.3	14.3	16.3	16.3	18.4	21.8	21.8	21.8	20.2	20.2
	mm	-	-	-	-	-	-	-	-	-	362	36	414	414	468	554	554	554	512	512
WEIGHT	LB	52.9	75.0	90.4	143.3	209.5	257.9	401.3	368.2	1060.6	1528.1	2094.8	2535.8	3307.5	4961.3	6637.1	8595.6	10579.2	15428.0	18734.0
	Kg	24	34	41	65	95	117	182	355	481	693	950	1150	1500	2250	3010	3900	4800	7000	8500

CAST STEEL / BOLTED BONNET

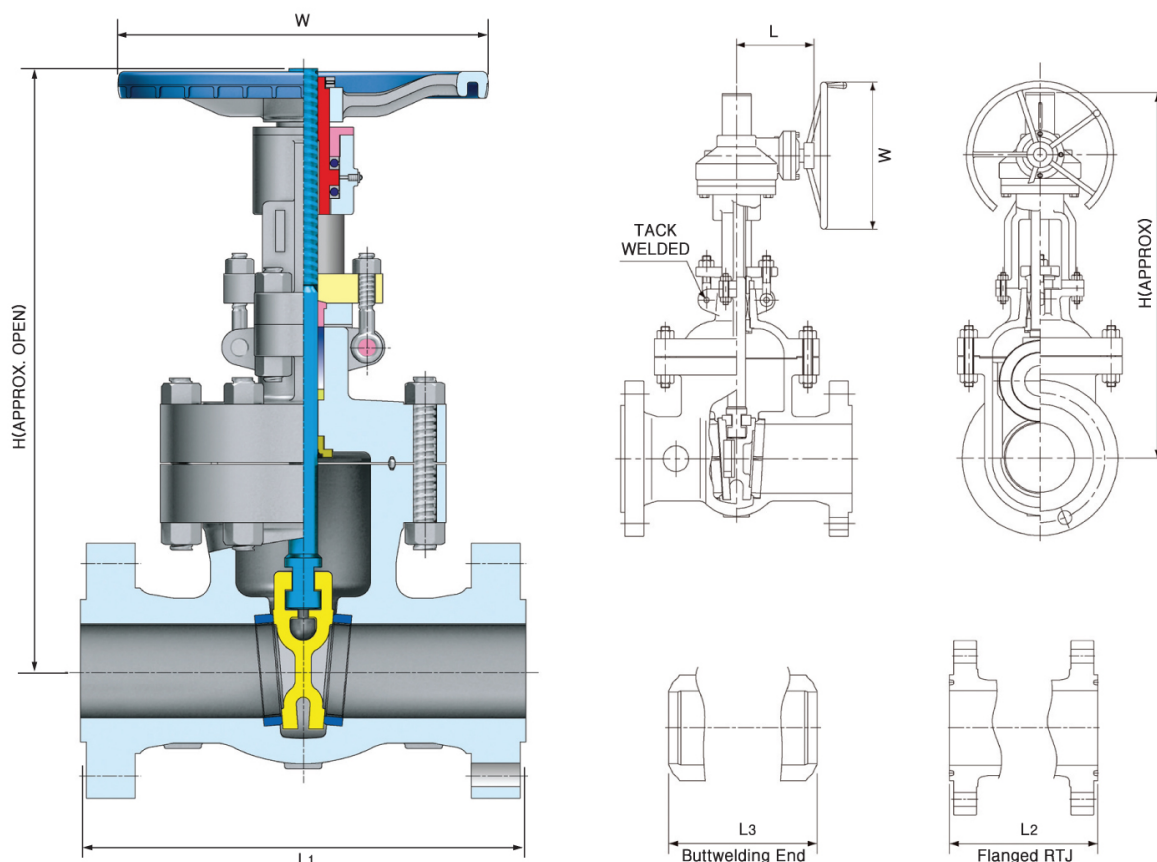
ASME CLASS 600LB



VALVE SIZE	inch	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L1 & L3	inch	11.5	13.0	14.0	17.0	20.0	22.0	26.0	31.0	33.0	35.0	39.0	43.0	47.0	55.00
	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397
L2	inch	11.62	13.12	14.12	17.12	19.57	22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38
	mm	295	333	359	435	511	562	664	791	841	892	994	1095	1200	1406
H	inch	18.7	21.6	23.5	26.8	31.5	36.6	45.7	53.1	61.8	72.1	82.9	98.0	104.8	116.9
	mm	475	550	598	680	800	930	1160	1350	1570	1832	2106	2489	2662	2970
W	inch	7.7	7.7	9.4	11.8	14.0	17.7	17.7	19.7	22.0	22.0	27.9	27.9	31.5	35.4
	mm	195	195	240	300	355	450	450	500	560	560	710	710	800	900
L	inch	-	-	-	-	-	-	-	-	16.3	16.3	18.4	18.4	20.7	26.4
	mm	-	-	-	-	-	-	-	-	414	414	468	468	526	670
WEIGHT	LB	79.4	127.9	154.4	269.0	441	551.2	893.0	1433.2	1896.3	2734.2	3109.1	4890.7	6198.3	8656.8
	Kg	36	58	70	122	200	250	405	650	860	1240	1410	2218	2811	3926

CAST STEEL / BOLTED BONNET

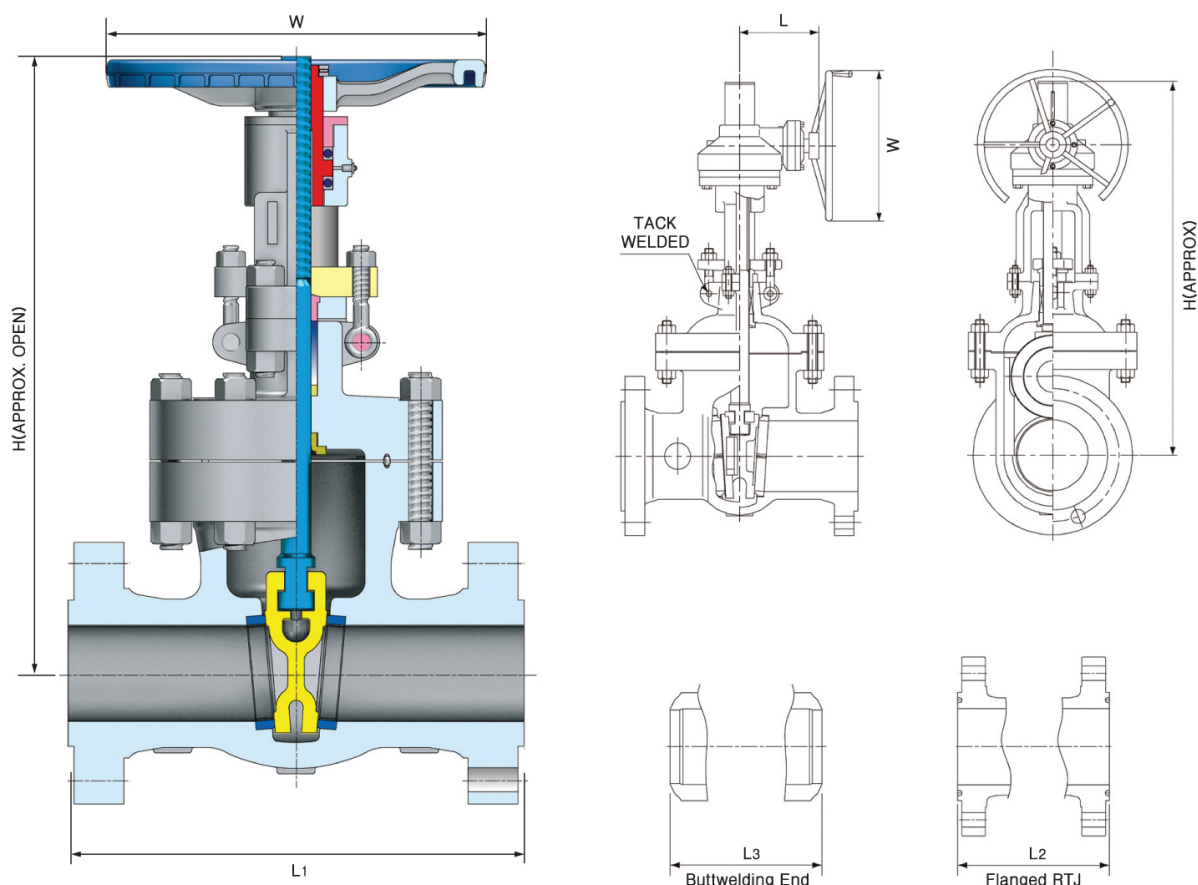
ASME CLASS 900LB



VALVE SIZE	inch	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L1 & L3	inch	14.5	16.5	15.0	18.0	22.0	24.0	29.0	33.0	38.0	40.5	44.5	48.0	52.0	61.0
	mm	368	419	381	457	559	610	737	838	965	1029	1130	1219	1321	1549
L2	inch	14.62	16.62	15.12	18.12	22.13	24.12	29.12	33.12	38.12	40.88	44.88	48.5	52.5	61.75
	mm	371	422	384	460	562	613	740	841	968	1038	1140	1232	1334	1568
H	inch	21.2	26.4	26.4	30.8	37.1	42.4	55.5	67.7	77.4	74.9	80.7	88.8	110.2	124.0
	mm	539	670	672	782	943	1076	1411	1720	1965	1902	2051	2256	2800	3150
W	inch	11.8	11.8	14.0	15.7	19.7	22.0	17.7	22.0	22.0	24.0	24.0	30.0	30.0	24.0
	mm	300	300	355	400	500	560	450	560	560	610	610	760	760	610
L	inch	-	-	-	-	-	-	14.3	16.3	16.3	20.2	20.2	21.8	21.8	20.0
	mm	-	-	-	-	-	-	362	414	414	512	512	554	554	512
WEIGHT	LB	181	341.8	364	384	661.5	999	1720	2752	3400	4895.1	6615	8533.4	10716.3	16096.5
	Kg	82	155	165	174	300	453	780	1248	1542	2220	3000	3870	4860	7300

CAST STEEL / BOLTED BONNET

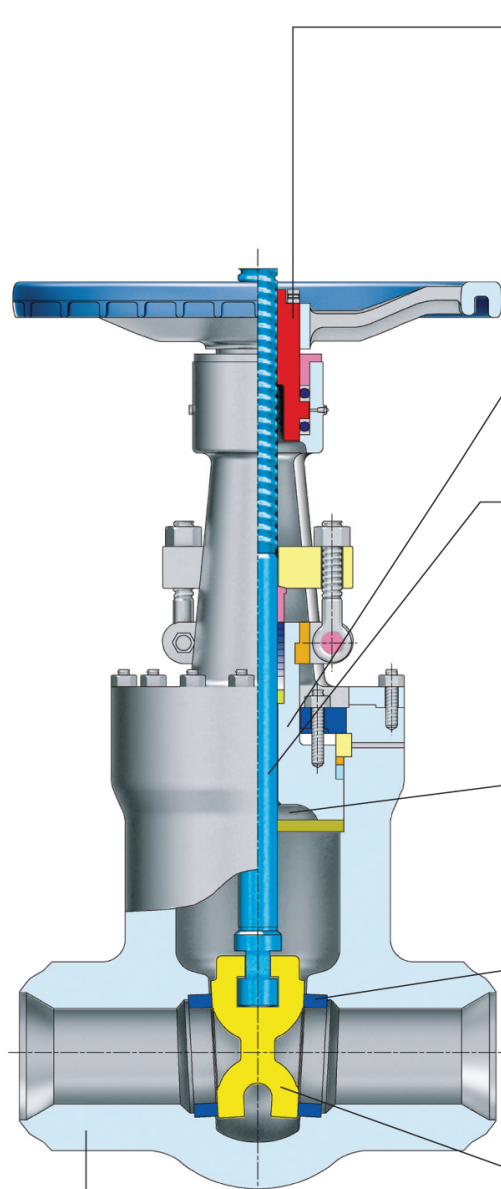
ASME CLASS 1500LB



VALVE SIZE	inch	2	2 1/2	3	4	5	6	8	10	12	14	16
	mm	50	65	80	100	125	150	200	250	300	350	400
L1 & L3	inch	14.5	16.5	18.5	21.5	26.5	27.75	32.75	39.0	44.5	49.5	54.5
	mm	368	419	470	546	673	705	832	991	1130	1257	1384
L2	inch	14.62	16.62	18.62	21.62	26.61	28.0	33.13	39.38	45.12	50.25	55.38
	mm	371	422	473	549	676	711	842	1000	1146	1276	1407
H	inch	21.2	26.4	29.1	30.8	43.62	47.0	60.8	66.5	82.3	85.1	97.9
	mm	539	670	738	783	1108	1196	1546	1688	2090	2167	2486
W	inch	11.8	11.8	15.7	19.7	24.8	13.8	22.0	27.9	27.9	30.0	30.0
	mm	300	300	400	500	630	350	560	710	710	760	760
L	inch	-	-	-	-	-	13.1	16.3	18.4	18.4	21.8	21.8
	mm	-	-	-	-	-	332	414	468	468	554	554
WEIGHT	LB	181	341.8	401	573	926.1	1360	3175	4412	8417	9073.6	15324.8
	Kg	82	155	182	260	420	617	1440	2001	3816	4115	6950

CAST STEEL / PRESSURE SEAL BONNET

GATE VALVES



■ STEM NUT

The upper portion of the Yoke Sleeve is hexagonally tapered to fix the handwheel. The standard material of the Yoke Sleeve is Nodular Ni-resist D2 with over a 1150°C (2100° F) dissolution point in accordance with API Std. Specifications.

■ BONNET

The bonnet is of a steel forging identical to the body to insure high reliability. The bonnet has a perfect body-bonnet seal and both ease of dismantling and reassembly are endured. The bodies and bonnets of the valve are machined by special purpose machines to achieve perfect coaxiality and eliminate any misalignment which may damage the stems.

■ STEM

The machined forged stem comes with a T-shape head, which connects the slot of the wedge. The contacting surface of the head is spherically shaped, thereby giving it greater strength and durability. It is heat treated to give it adequate mechanical properties and surface hardness. Accurate machining and lapping insure minimized friction during opening and shutting.

■ BACK SEAT

All of our valves are provided with positive back seat, and packing replacement can be done with the valve fully open. The conical seat and the guide are integrally stellite faced.

■ SEAT RING

The Stellite 6 surface of the seat ring is integrally applied to the body by means of welding in all valve sizes. Lapping applied to the seating surface ensures perfect mating with the wedge surfaces.

■ FLEXIBLE WEDGE

The flexible wedge designed to absorb thermally-induced body distortion, thereby making it ideal for high temperature steam or water supply piping. A Stellite 6 layer is applied to the seating surface, and this deposit is subjected to a special heat treatment to secure required hardness and soundness.

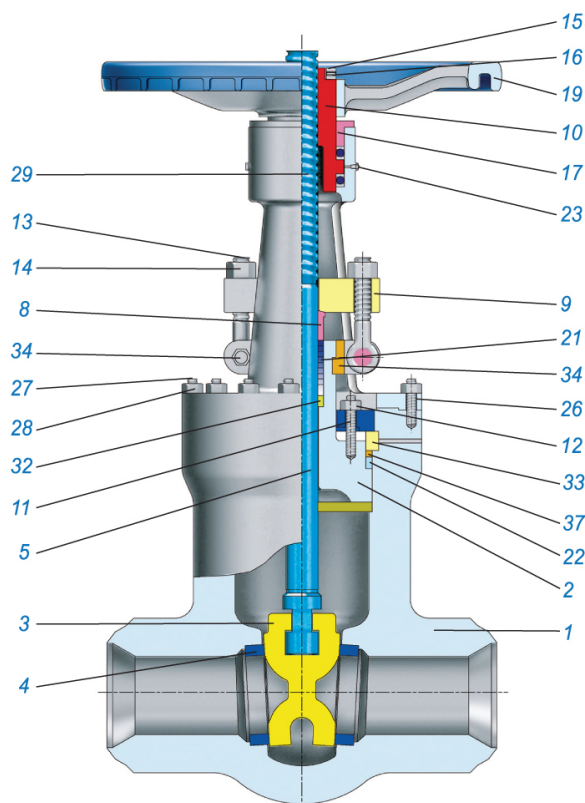
The lapped finish then insures perfect mating with the seats.

■ BODY

The valve body is cylindrically shaped to prevent distortion or undue stress during extreme working conditions. In addition, adequate padding helps to achieve a sound cast structure in critical area. The wall thickness is greater than, or in accordance with API, ANSI and ASME requirements. The contact surfaces ensure that a minimum specific pressure is achieved. The area contacting the pressure seal gasket has a stainless steel 18/8 inlay to eliminate corrosion or wire drawing and to insure easy dismantling at all times. The close tolerances of the inside diameter of this area are attained by accurate machining and honing finish.

CAST STEEL / PRESSURE SEAL BONNET

GATE VALVES

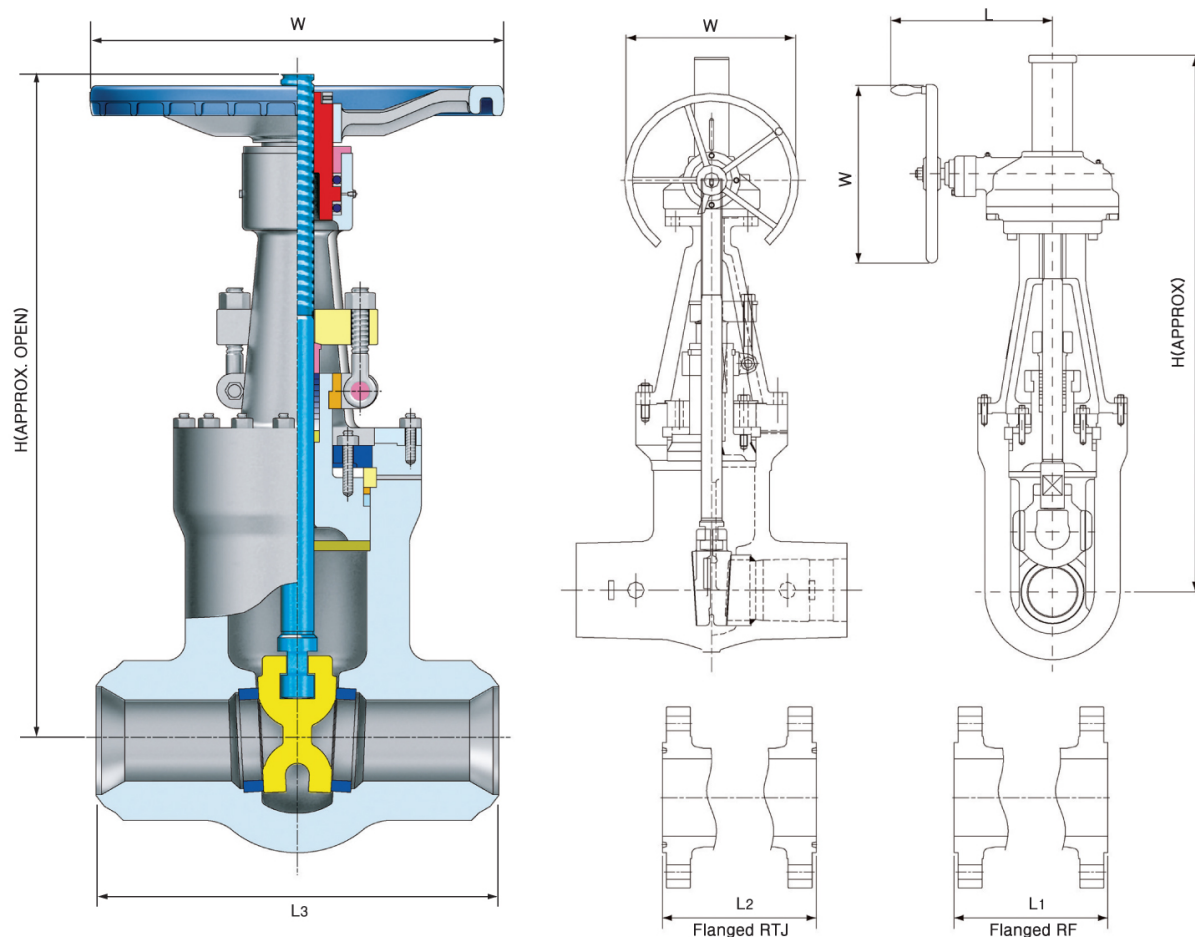


No.	NAME OF PART	ASTM SPECIFICATION
15	HANDLE NUT	STEEL
16	SET SCREW	STEEL
17	SLEEVE GLAND	STEEL
19	HANDWHEEL	A395
21	PACKING	SEE PAGE 44
22	GASKET	SEE PAGE 44
23	GREASE NIPPLE	STEEL
29	BEARING	COMMERCIAL

No.	NAME OF PART	STANDARD	ASTM SPECIFICATION					KS SPECIFICATION
			HIGH TEMPERATURE SERVICE					STANDARD
1	BODY	A216-WCB	A217-WC1	A217-WC6	A216-WC9	A217-C5	A352-LCB	A352-LC1/LC2/LC3
2	BONNET	A216-WCB	A217-WC1	A217-WC6	A216-WC9	A217-C5	A352-LCB	A352-LC1/LC2/LC3
3	DISC	A216-WCB+HF	A217-WC1+HF	A217-WC6+HF	A216-WC9+HF	A217-C5+HF	A352-LCB+304	A352-LC1/LC2/LC3
4	BODY SEAT RING	A105+HF	A182-F1	A182-F11	A182-F22	A182-F5a	A182-F304	A182-F304
5	STEM	A276-410	A276-410	A276-410	A276-410	A276-410	A276-304	A276-304
8	PACKING GLAND	A276-410	A276-410	A276-410	A276-410	A276-410	A276-304	A276-304
9	GLAND FLANGE	A105/A283-D	A105/A283-D	A105/A283-D	A105/A283-D	A105/A283-D	A105/A283-D	A105/A283-D
10	YOKE SLEEVE	A439-D2	A439-D2	A439-D2	A439-D2	A439-D2	A439-D2	A439-D2
11	BONNET BOLT	A193-B7	A193-B7	A193-B16	A193-B16	A193-B16	A320-L7	A320-L7
12	BONNET NUT	A194-2H	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4
13	GLAND BOLT	A307-B	A307-B	A307-B	A307-B	A307-B	A307-B	A307-B
14	GLAND NUT	A307-B	A307-B	A307-B	A307-B	A307-B	A307-B	A307-B
26	YOKE	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB
27	YOKE BOLT	A193-B7	A193-B7	A193-B7	A193-B7	A193-B7	A193-B7	A193-B7
28	YOKE NUT	A194-2H	A194-2H	A194-2H	A194-2H	A194-2H	A194-2H	A194-2H
32	PACKING WASHER	A276-410	A276-410	A276-410	A276-410	A276-410	A276-304	A276-304
33	RETAINER	A240-304	A240-304	A240-304	A240-304	A240-304	A240-304	A240-304
34	HINGE CLAMP	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB
35	BONNET CLAMP	A108-1045	A108-1045	A108-1045	A108-1045	A108-1045	A108-1045	A108-1045
37	GASKET SPACER	A276-410	A276-410	A276-410	A276-410	A276-410	A276-410	A276-410

CAST STEEL / PRESSURE SEAL BONNET

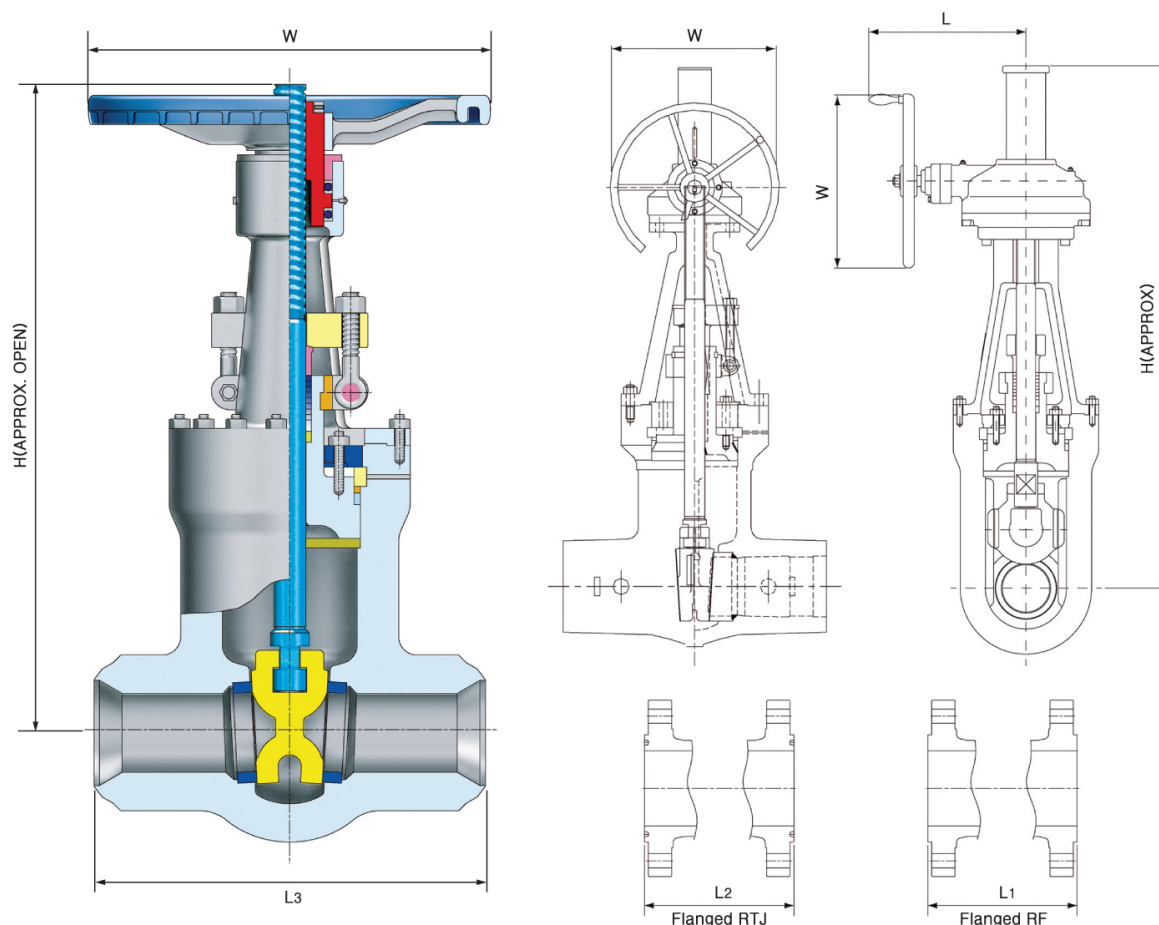
ASME CLASS 600LB



VALVE SIZE	inch	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24
	mm	50	65	80	100	150	200	250	300	350	400	450	500	600
L3	inch	7.0	8.5	10.0	12.0	18.0	23.1	28.0	32.0	35.0	39.0	43.0	47.0	55.0
	mm	178	216	254	305	457	584	711	813	889	991	1092	1194	1397
L2	inch	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38
	mm	295	333	359	435	562	664	791	841	892	994	1095	1200	1407
L1	inch	11.5	13.0	14.0	17.0	22.0	26.0	31.0	33.0	35.0	39.0	43.0	47.0	55.0
	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397
H	inch	23.2	24.8	26.3	36.0	42.5	49.9	59.5	70.5	73.1	85.4	88.6	97.2	118.1
	mm	590	629	667	914	1080	1267	1511	1791	1857	2162	2251	2470	3000
W	inch	7.9	93.8	9.8	11.8	19.7	22.0	272.2	35.8	24.0	24.0	24.0	24.0	30.0
	mm	200	250	250	300	500	560	690	610	610	610	610	610	760
L	inch	-	-	-	-	-	-	-	17.0	17.0	20.2	20.2	20.2	21.8
	mm	-	-	-	-	-	-	-	432	432	512	512	512	554
WEIGHT	LB	154.4	209.5	220.5	326.3	540.2	705.6	948.2	1135.6	1477.4	1995.5	2535.8	3186.2	4586.4
	Kg	70	95	100	148	245	320	430	515	670	905	1150	1445	2080

CAST STEEL / PRESSURE SEAL BONNET

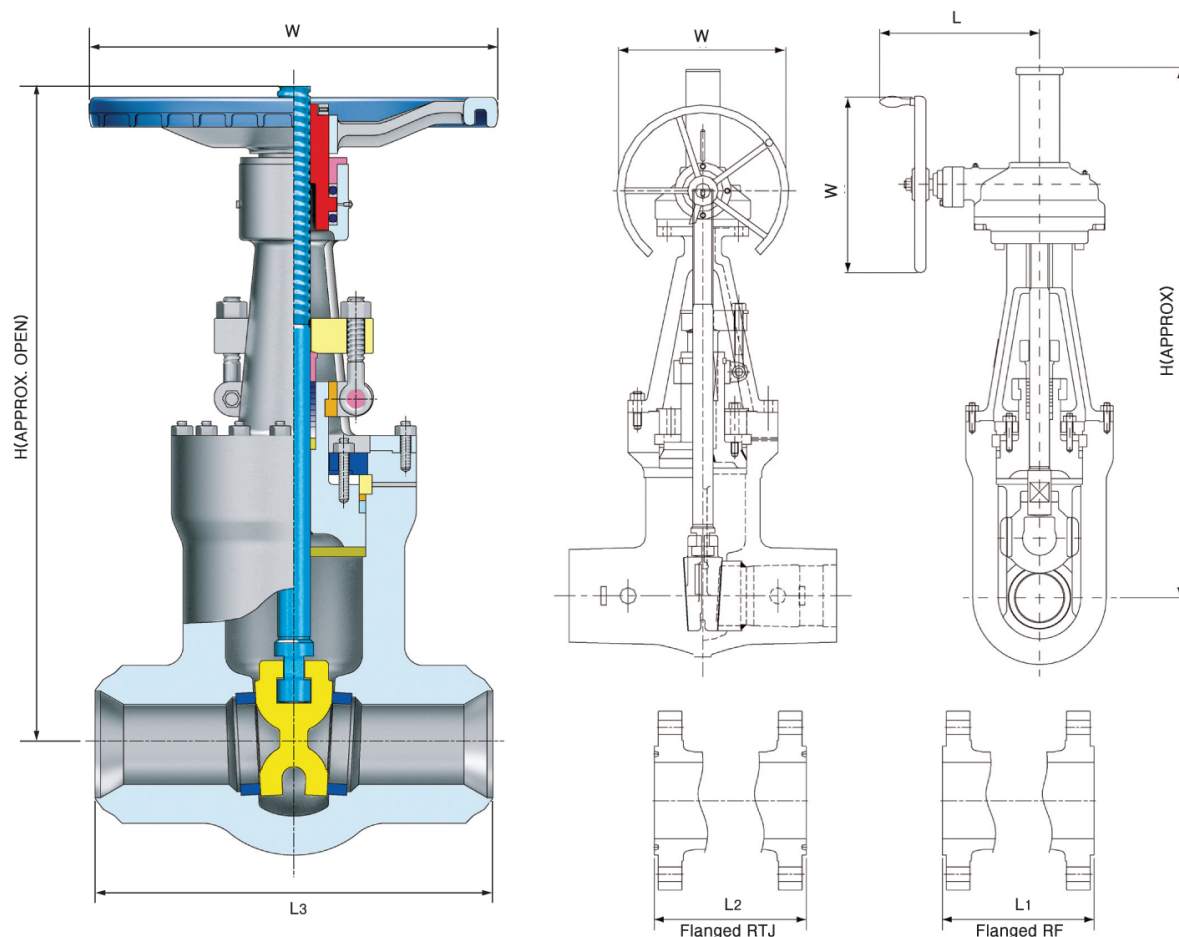
ASME CLASS 900LB



VALVE SIZE	inch	2	2 1/2	3	4	6	8	10	12	14	16	18	20	24
	mm	50	65	80	100	150	200	250	300	350	400	450	500	600
L3	inch	8.5	10.0	12.0	14.0	20.0	26.0	31.0	36.0	39.0	43.0	46.5	50.5	59.5
	mm	216	254	305	356	508	660	787	914	991	1092	1181	1283	1511
L2	inch	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88	48.5	52.5	61.75
	mm	371	422	384	460	613	740	841	968	1038	1140	1232	1334	1568
L1	inch	14.5	16.5	15.0	18.0	24.0	29.0	33.0	38.0	40.5	44.5	48.0	52.0	61.0
	mm	368	419	381	457	610	737	838	965	1029	1130	1219	1321	1549
H	inch	23.4	29.6	29.8	34.0	39.9	50.2	60.7	70.1	79.8	89.0	97.2	108.3	1276.6
	mm	594	753	756	864	1013	1276	1543	1781	2026	2261	2470	2750	3242
W	inch	11.8	17.7	17.7	19.7	220	18.1	24.0	24.0	24.0	24.0	29.9	29.9	24.0
	mm	300	450	450	500	560	460	610	610	610	610	760	760	610
L	inch	-	-	-	-	-	16.8	17.0	20.0	20.2	20.2	21.8	21.8	20.1
	mm	-	-	-	-	-	427	432	512	512	512	554	554	512
WEIGHT	LB	132.3	207.3	224.9	330.8	617.4	1455.3	2116.8	2976.8	3748.5	5292	7320.6	9702.0	14927.9
	Kg	60	94	102	150	280	660	960	1350	1700	2400	3320	4400	6770

CAST STEEL / PRESSURE SEAL BONNET

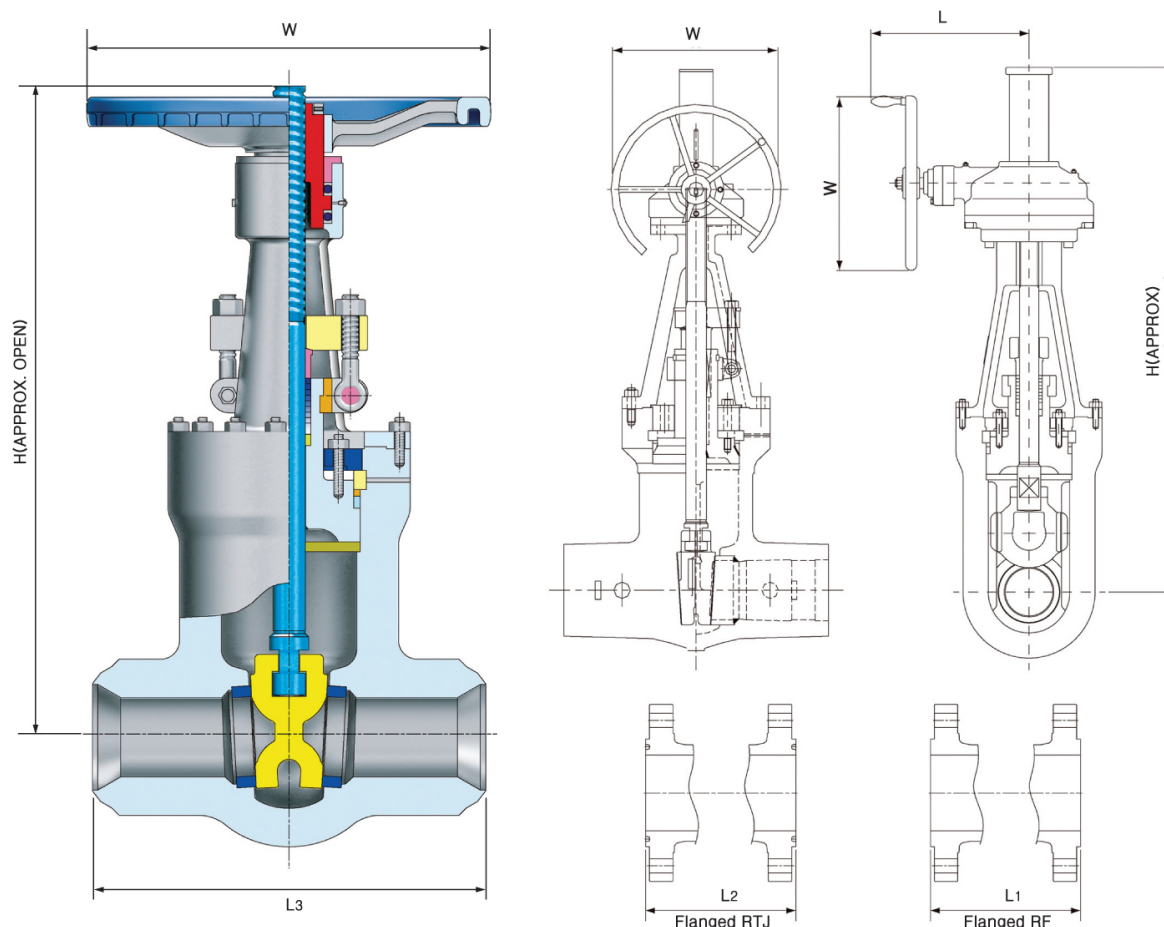
ASME CLASS 1500LB



VALVE SIZE	inch	2	2 1/2	3	4	6	8	10	12	14	16
	mm	50	65	80	100	150	200	250	300	350	400
L3	inch	8.5	10.0	12.0	16.0	22.0	28.0	34.0	39.0	42.0	47.0
	mm	216	254	305	406	559	711	864	991	1067	1194
L2	inch	14.62	16.62	18.62	21.62	28.0	33.13	39.38	45.12	50.25	55.38
	mm	371	422	473	549	711	842	1000	1146	1276	1407
L1	inch	14.5	16.5	18.5	21.5	27.75	32.75	39.0	44.5	49.5	54.5
	mm	368	419	470	546	705	832	991	1130	1257	1384
H	inch	23.4	29.6	29.6	34.0	48.0	51.6	64.8	77.8	87.2	91.8
	mm	594	753	753	864	1219	1311	1645	1975	2216	2331
W	inch	11.8	17.7	17.7	19.7	24.0	24.0	24.0	24.0	29.9	29.9
	mm	300	450	450	500	610	610	610	610	760	760
L	inch	-	-	-	-	17.0	17.0	20.2	20.0	21.8	21.8
	mm	-	-	-	-	432	432	512	512	554	554
WEIGHT	LB	132.3	207.3	264.6	458.6	1058.4	2006.6	3109.1	4586.4	5379.5	7933
	Kg	60	94	120	208	480	910	1410	2080	2650	3600

CAST STEEL / PRESSURE SEAL BONNET

ASME CLASS 2500LB



VALVE SIZE	inch	2	2 1/2	3	4	6	8	10	12	14	16	18
	mm	50	65	80	100	150	200	250	300	350	400	450
L3	inch	11.0	13.0	14.5	18.0	24.0	30.0	36.0	41.0	44.0	49.0	55.0
	mm	279	330	368	457	610	762	914	1041	1118	1245	1397
L2	inch	17.87	20.25	23.0	26.88	36.5	40.87	50.88	56.88	-	-	-
	mm	454	514	584	683	927	1038	1292	1445	-	-	-
L1	inch	17.75	20.0	22.75	26.5	36.0	40.25	50.0	56.0	-	-	-
	mm	451	508	578	673	914	1022	1270	1422	-	-	-
H	inch	23.4	29.6	29.6	34.3	47.3	57.1	63.4	82.5	90.2	97.2	116.1
	mm	594	753	753	870	1201	1451	1610	2096	2291	2470	2950
W	inch	14.0	17.7	19.7	23.6	24.0	24.0	24.0	29.9	29.9	24.0	24.0
	mm	355	450	500	600	610	610	610	760	760	610	610
L	inch	-	-	-	-	17.0	20.2	20.2	21.8	21.8	20.2	20.2
	mm	-	-	-	-	432	512	512	554	554	512	512
WEIGHT	LB	172.1	273.4	334.1	568.4	954.1	1806.7	2943.5	4466.0	6902.0	10353.0	11774.0
	Kg	85	135	165	280	470	890	1450	2200	3400	5100	5800