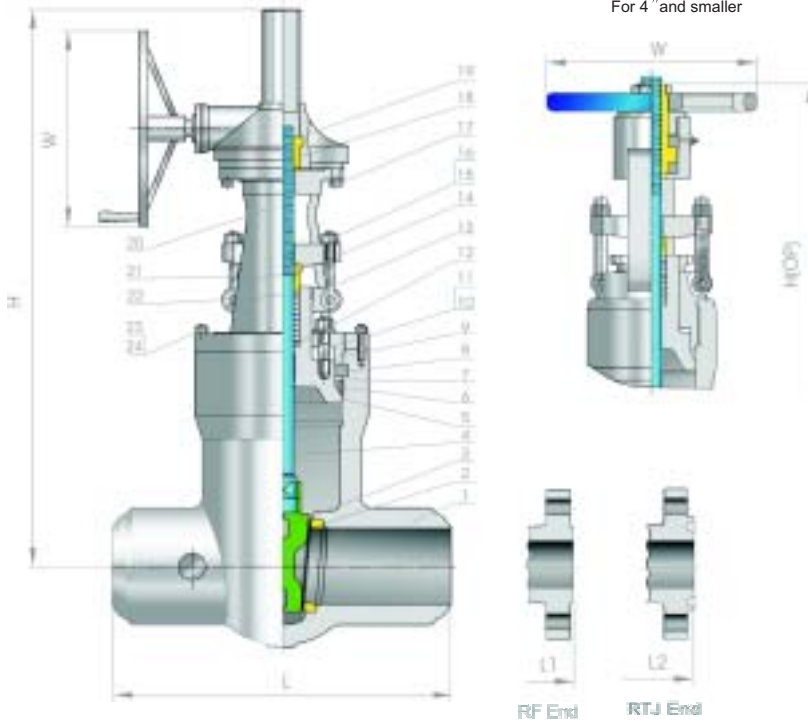




Cast Steel Pressure Seal Gate Valves

Class 900/1500/2500

Pressure seal bonnet , Outside screw and yoke, Rising stem, Non-rising handwheel , Flexible wedge.



Parts List

No:	Parts	Material
1	Body	ASTM A216 Gr.WCB
2	Seat ring	ASTM A105+STL No.6
3	Wedge	ASTM A216 Gr.WCB+13Cr
4	Stem	ASTM A182 F6a
5	Bonnet	ASTM A216 Gr.WCB
6	Sealing ring	ASTM A182 F304
7	Spacer ring	ASTM A182 F6a
8	Segment ring	ASTM A182 F6a
9	Supporting plate	ASTM A105
10	Bonnet bolt	ASTM A193 Gr.B7
11	Bonnet nut	ASTM A194 Gr.2H
12	Packing plate	ASTM A276 410
13	Split ring	ASTM A216 Gr.WCB
14	Gland flange	ASTM A216 Gr.WCB
15	Gland bolt	ASTM A193 Gr.B7
16	Gland nut	ASTM A194 Gr.2H
17	Bolt	C.S.
18	Stem nut	Aluminum Bronze
19	Gear box	Assem.
20	Yoke	ASTM A216 Gr.WCB
21	Gland	ASTM A276 410
22	Packing	Graphite
23	Bolt	ASTM A193 Gr.B7
24	Nut	ASTM A194 Gr.2H

Features

- End to end and face to face dimension : ASME B16.10
- Flange dimension : ASME B16.5
- B.W. end to ASME B16.25
- Shell wall thickness:API 600

Dimensions and Weights

	Valve Size	in. mm	2	2 1/2	3	4	6	8	10	12	14	16
			50	65	80	100	150	200	250	300	350	400
900lb	L (BW)	in. mm	8.5 216	10 254	12 305	13.98 356	20 508	26 660	31 787	36 914	39 991	43 1092
	L1 (RF)	in. mm	14.5 368	16.5 419	15 381	18 457	24 610	29 737	33 838	38 965	40.5 1029	44.5 1130
	L2 (RTJ)	in. mm	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740	33.12 841	38.12 968	40.88 1038	44.88 1140
	H (open)	in. mm	21.81 554	25.08 637	26.77 680	31.34 796	42.68 1084	54.02 1372	58.82 1494	61.02 1550	77.17 1960	87 2210
	W	in. mm	11.81 300	13.78 350	13.78 350	15.75 400	22.05 560	18.11 460	24 610	24 610	24 610	30 760
	WT (k g)	RF BW	48 37	82 62	90 80	152 118	339 264	620 522	948 758	1293 1088	1718 1448	2378 2016
	1500lb	L (BW)	in. mm	8.5 216	10 254	12 305	16 406	22 559	28 711	34 864	39 991	42 1067
L1 (RF)		in. mm	14.5 368	16.5 419	18.5 470	21.5 546	27.75 705	32.75 832	39 991	44.5 1130	49.5 1257	54.5 1384
L2 (RTJ)		in. mm	14.62 371	16.62 422	18.62 473	21.62 549	28 711	33.13 841	39.38 1000	45.12 1146	50.25 1276	55.38 1407
H (open)		in. mm	21.81 554	25.08 637	30.2 767	34.45 875	43.07 1094	54 1372	65.16 1655	72.20 1834	84.65 2150	88.98 2260
W		in. mm	11.81 300	17.72 450	17.72 450	22.05 560	12 305	18.11 460	24 610	24 610	30 760	30 760
WT (k g)		RF BW	58 44	89 69	126 83	180 128	392 290	793 585	1368 972	2118 1613	2798 2008	3868 2813
2500lb		L (BW)	in. mm	11 279	13 330	14.5 368	18 457	24 610	30 762	36 914	41 1041	—
	L1 (RF)	in. mm	17.75 451	20 508	22.75 578	26.50 673	36 914	40.25 1022	50 1270	56 1422	—	—
	L2 (RTJ)	in. mm	17.87 454	20.25 514	23 584	26.88 683	36.50 927	40.87 1038	50.88 1292	56.88 1445	—	—
	H (open)	in. mm	24 610	25.75 654	29.65 753	33.46 850	49.37 1254	54.09 1374	66.34 1685	74 1873	—	—
	W	in. mm	19.69 500	19.69 500	23.62 600	23.62 600	18.11 460	18.11 460	24 610	24 610	—	—
	WT (k g)	RF BW	119 86	173 133	193 142	227 156	718 498	1293 890	2248 1548	3091 2330	—	—