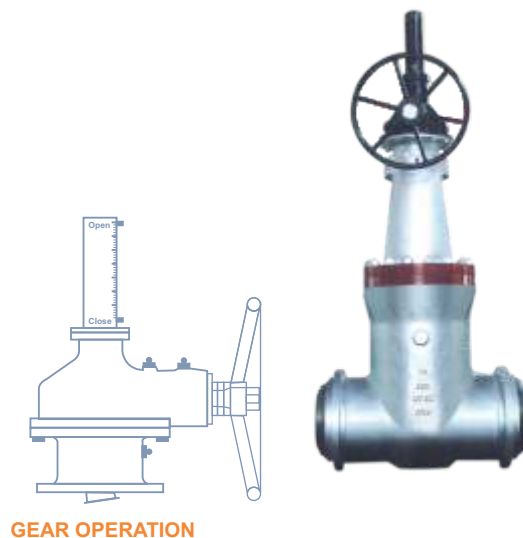


**GATE VALVE PRESSURE SEAL CLASS 900/ 1500/ 2500
 API 600/ST-A**

MATERIAL SPECIFICATIONS

NO.	Part Name	Material		
1.	Body	WCB	WC6	CF8/ CF8M
2.	Bonnet	WCB	WC6	CF8/ CF8M
3.	Yoke 1	WCB	WC6	CF8/ CF8M
4.	Wedge	13%Cr. Facing on WCB+ Stellite	Wc6 + Stellite	CF8/ CF8M Stellite
5.	Seats Ring 1	A515-70/13%Cr. Stellite	S.S 304+ Stellite	T304/ T316
6.	Back Seat	Integral		
7.	Spindle	T410		T304/ T31
8.	Gland Bush	T410		T304/ T31
9.	Gland Flange	Carbon Steel / WCB		S.S 304
10.	Yoke Sleeve	ASTMA 439 Gr.D2/ AL-Bronze		
11.	Casing Cover	WCB	WCB/WC6	CF8
12.	Bonnet Plate	ASTM A 515 - 70		
13.	Hand Wheel	Carbon Steel		
14.	Hand Wheel Nut	Carbon Steel	S.S 304	
15.	Stud & Nut	B7/ 2H	B16/7	B7/2H
16.	Gland Stud & Nut	B7 /2H		B8/8
17.	Casing Stud & Nut	B7 /2H		B8/2H
18.	Yoke Stud & Nut	B7 /2H		B8/8
19.	Gland Packing	Graphite ASB. INHIB. & Inconel Wire REIN.		
20.	Seal Ring	T304		T304 / T316
21.	Spacer Ring	ASTM A 515 -70	T304	T304 / T316
22.	Segmental Ring	ASTM A 515 -70	T304	T304 / T316
23.	Name Plate	Aluminum/ S.S		
24.	Bearing	Standard		



TESTING DETAIL # 900

Hydrotest {KG/CM^2}	
Shell	235
Seat and Back Seat	171
Seat Air Test :	7

TESTING DETAIL # 1500

Hydrotest {KG/CM^2}	
Shell	390
Seat and Back Seat	286
Seat Air Test :	7

TESTING DETAIL # 2500

Hydrotest {KG/CM^2}	
Shell	650
Seat and Back Seat	475
Seat Air Test :	7

DIMENSION CHART 900#

Valve Size in mm	2 50	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 350	20 400
L	14.5 368	15.0 381	18.0 457	24.0 610	29.0 373	33.0 838	38.0 965	40.0 1029	44.5 1130	48.0 1219	52.0 1321
L 1	8.5 216	12.0 305	14.0 356	20.0 508	26.0 660	31.0 787	36.0 914	39.0 991	43.0 1092	-	-
H app	545	595	720	970	1140	1345	1615	1651	2362	2450	2550
oK app	250	300	400	500	600	680	760	760	910	910	950
Wt. kg app (F/E)	50	75	130	265	430	680	950	1290	1850	2250	2785

DIMENSION CHART 1500#

Valve Size in mm	2 50	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400
L	14.5 368	18.5 470	21.5 546	27.8 705	32.7 832	39.0 991	44.5 1130	49.5 1257	54.5 1384
L 1	8.5 216	12.0 305	16.0 406	22.0 559	28.0 711	34.0 863	39.0 991	42.0 1067	47.0 1194
H app	545	625	900	1085	1290	1420	1580	2100	2457
oK app	250	350	400	600	680	910	965	1015	1065
Wt. kg app (F/E)	55	85	160	440	760	1050	1350	1890	2830

DIMENSION CHART 2500#

Valve Size in mm	2 50	3 80	4 100	6 150	8 200	10 250
L	17.8 451	22.8 578	26.5 673	36.0 914	40.3 1022	50.0 1270
L 1	11.0 279	14.5 368	18.0 457	24.0 610	30.0 762	36.0 914
H app	590	800	865	950	1050	1345
oK app	250	350	400	600	680	910
Wt. kg app (F/E)	85	120	190	520	980	1600

