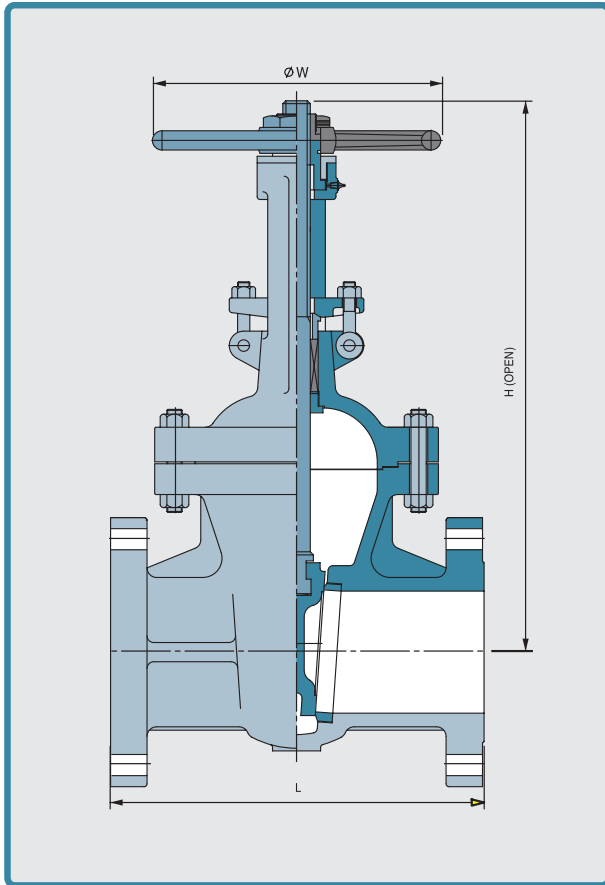


S&S Cast Steel Gate Valve

GATE VALVE

CLASS:#150 - 2500
FIGURE NO.:S11R



CAST STEEL GATE VALVE
FULL BORE. RF ENDS.
BB. OS & Y. RISING STEM
NON RISING HANDWHEEL

MAIN COMPONENT MATERIAL

BODY A216-WCB
BONNET A216-WCB
YOKE A216-WCB
WEDGE A216-WCB(8"OVER)
SEAT A276-410
STEM A479-410
GLAND PACKING GRAPHITE
GLAND A479-410
GASKET GRAPHITE
BONNET BOLT A193-B7
BONNET NUT A194-2H

*** BODY & BONNET STANDARD MATERIAL**

A216-WCB, A216-WC9, A351-CF3(M), A351-CF8(M)

*** SEE TECH. DATA FOR OTHER MATERIAL AND TRIM OPTION.**

VALVE DESIGN CONFORM TO API600,
ANSI B16.34, API603

VALVE ENDS CONFORM TO ANSI B16.10

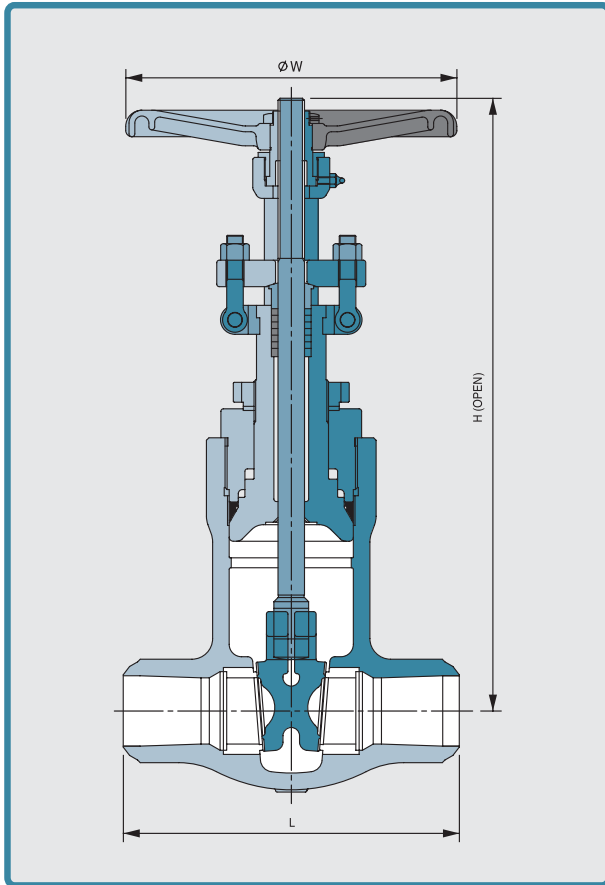
SHELL AND SEAT LEAKAGE TEST
ACCORDANCE WITH ANSI B16.34

RIGHT TABLE INDICATE THE ASTM A216-WCB
OTHER MATERIAL ACCORDANCE
WITH ANSI B16.34

HYDROSTATIC SHELL & SEAT LEAKAGE TEST			
CLASS	SHELL	SEAT	AIR
150 LBS	32 PSI kg/Cm ²	23 PSI kg/Cm ²	6 PSI kg/Cm ²
300 LBS	80 PSI kg/Cm ²	58 PSI kg/Cm ²	
600 LBS	157 PSI kg/Cm ²	115 PSI kg/Cm ²	
800 LBS	211 PSI kg/Cm ²	155 PSI kg/Cm ²	
900 LBS	236 PSI kg/Cm ²	172 PSI kg/Cm ²	
1500 LBS	393 PSI kg/Cm ²	287 PSI kg/Cm ²	
2500 LBS	653 PSI kg/Cm ²	478 PSI kg/Cm ²	

*** WE RECOMMEND 12" AND OVER, GEAR OPERATED TYPE**

SIZE	ENDS	2" (50A)	2-1/2" (65A)	3" (80A)	4" (100A)	5" (125A)	6" (150A)	8" (200A)	10" (250A)	12" (300A)	14" (350A)	16" (400A)	18" (450A)	20" (500A)	24" (600A)	26" (650A)	30" (750A)	36" (900A)	42" (1050A)
#150	L(RF)	178	191	203	229	254	267	292	330	356	381	406	432	457	508	559	610	711	813
	L1(BW)	216	241	283	305	381	403	419	457	502	572	610	660	711	813	864	914	1016	1092
	H	400	425	511	568	670	793	978	1191	1379	1700	1810	2050	2130	2630	2982	3220	4037	4372
	W	180	180	224	260	260	300	355	400	450	500	560	560	600	650	560	560	710	800
	RF WT(Kg)	20	23	33	47	62	81	119	175	273	361	507	617	746	1157	1313	1604	3938	4600
	BW WT(Kg)	17	22	30	44	57	74	119	169	264	350	497	587	726	1217	1380	1780	4050	4650
#300	L(RF,BW)	216	241	282	305	381	403	419	457	502	762	838	914	991	1143	1245	1397	1727	1981
	H	419	444	526	580	717	813	983	1189	1390	1600	1850	2040	2197	2814	3020	3720	4270	5973
	W	180	180	224	260	300	355	400	450	450	500	560	560	600	650	560	560	710	800
	RF WT(Kg)	25	33	49	65	96	147	212	287	434	540	931	1260	1547	2573	3150	4725	7350	8300
	BW WT(Kg)	20	26	38	50	85	114	176	251	361	500	850	1160	1397	2200	2900	3900	5350	6300
#600	L(RF,BW)	292	330	356	432		559	660	787	838	889	991	1092	1194	1397	1448	1651	2083	
	H	420	492	541	676		904	1141	1294	1619	1762	1985	2214	2461	2810	3262	3780	4420	
	W	224	224	260	300		400	450	500	450	450	560	560	710	710	800	800	800	
	RF WT(Kg)	38	43	68	109		233	425	668	986	1313	1694	2289	2783	4315	5040	7455	12180	
	BW WT(Kg)	28	33	58	94		192	368	572	892	1193	1548	2150	2630	4046	4340	6655	11000	



CAST STAINLESS STEEL
PSB. GATE VALVE
FULL BORE. BW ENDS.
OS & Y. RISING STEM
NON RISING HANDWHEEL

MAIN COMPONENT MATERIAL

- BODY A216-WCB
- BONNET A216-WCB
- YOKE A216-WCB
- WEDGE A216-WCB(8"OVER)
- SEAT A276-410
- STEM A479-410
- GLAND PACKING GRAPHITE
- GLAND A479-410
- GASKET GRAPHITE
- BONNET BOLT A193-B7
- BONNET NUT A194-2H

*** BODY & BONNET STANDARD MATERIAL**

A216-WCB, A216-WC9, A351-CF3(M), A351-CF8(M)

*** SEE TECH. DATA FOR OTHER MATERIAL AND TRIM OPTION.**

VALVE DESIGN CONFORM TO API600,
ANSI B16.34
VALVE ENDS CONFORM TO ANSI B16.10
SHELL AND SEAT LEAKAGE TEST
ACCORDANCE WITH ANSI B16.34
RIGHT TABLE INDICATE THE ASTM A216-WCB
OTHER MATERIAL ACCORDANCE
WITH ANSI B16.34

HYDROSTATIC SHELL & SEAT LEAKAGE TEST			
CLASS	SHELL	SEAT	AIR
150 LBS	32 PSI kg/Cm ²	23 PSI kg/Cm ²	6 PSI kg/Cm ²
300 LBS	80 PSI kg/Cm ²	58 PSI kg/Cm ²	
600 LBS	157 PSI kg/Cm ²	115 PSI kg/Cm ²	
800 LBS	211 PSI kg/Cm ²	155 PSI kg/Cm ²	
900 LBS	236 PSI kg/Cm ²	172 PSI kg/Cm ²	
1500 LBS	393 PSI kg/Cm ²	287 PSI kg/Cm ²	
2500 LBS	653 PSI kg/Cm ²	478 PSI kg/Cm ²	

*** WE RECOMMENDWD 12" AND OVER, GEAR OPERATED TYPE**

SIZE	ENDS	2" (50A)	2-1/2" (65A)	3" (80A)	4" (100A)	5" (125A)	6" (150A)	8" (200A)	10" (250A)	12" (300A)	14" (350A)	16" (400A)	18" (450A)	20" (500A)	24" (600A)
#600	L(RF,BW)	178	216	254	305		457	584	711	318	889	991	1092	1194	1397
	H	488	620	669	915		1045	1232	1500	1770	1837	2147	2240	2475	2990
	W	224	224	260	300		400	450	500	450	450	560	560	710	710
	BW WT(Kg)	72	90	105	140		245	318	450	550	650	900	1200	1380	2200
#900	L(RF,BW)	216	254	305	356		508	660	787	914	991	1092	1181	1283	1511
	H	590	750	760	870		1005	1268	1528	1771	2000	2245	2460	2740	3220
	W	300	355	355	400		500	350	450	450	560	560	710	710	800
	BW WT(Kg)	61	95	100	150		300	700	950	1320	1700	2350	3400	4200	6700
#1500	L(RF,BW)	216	254	305	406		559	711	864	991	1067	1194	1346	1473	1626
	H	600	750	755	868		1215	1300	1625	1960	2210	2315	2810	3105	3730
	W	300	355	400	450		500	450	560	710	710	710	800	800	800
	BW WT(Kg)	62	90	122	200		500	920	1440	2180	2600	3650	5850	7300	11610
#2500	L(RF,BW)	279	330	368	457		610	762	914	1041					
	H	603	758	760	875		1208	1445	1600	2080					
	W	300	355	400	450		450	560	710	710					
	BW WT(Kg)	84	130	166	350		800	1330	2370	3450					

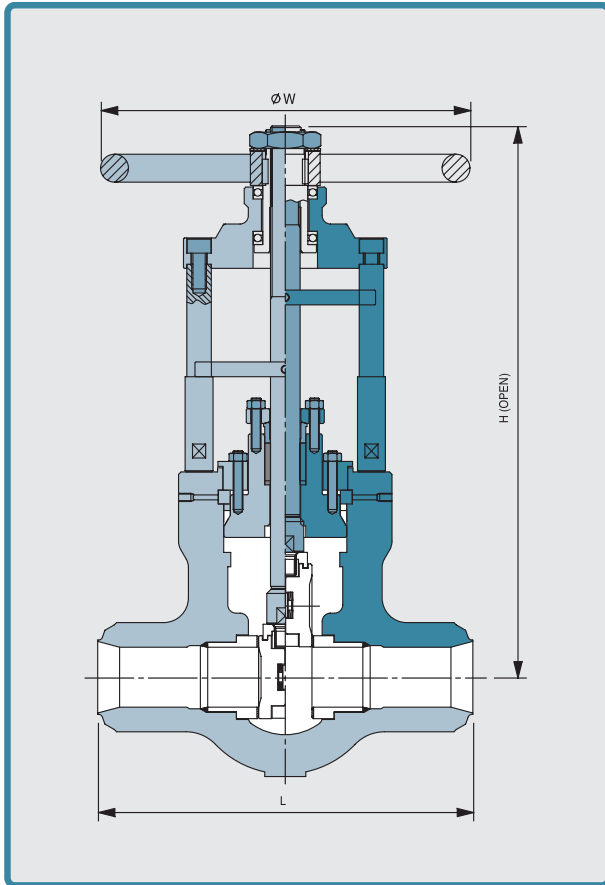
S&S Cast Steel Gate Valve

PSB.P SLIDE GATE VALVE

CLASS:#900-2500
FIGURE NO.:S81B



CAST STAINLESS STEEL
PSB.PARARREL SLIDE GATE
FULL BORE. BW ENDS.
PSB. OS & Y. RISING STEM
NON RISING HANDWHEEL



MAIN COMPONENT MATERIAL

BODY	A351-CF8
BONNET	A351-CF8
YOKE	A351-CF8
WEDGE	A351-CF8 (HF)
SEAT	A351-CF8 (HF)
STEM	A276-304
GLAND PACKING	GRAPHITE
GLAND	A276-316
GASKET	GRAPHITE
BONNET BOLT	A193-B8
BONNET NUT	A194-B8M

*** BODY & BONNET STANDARD MATERIAL**

A216-WCB, A216-WC9, A351-CF3(M), A351-CF8(M)

*** SEE TECH. DATA FOR OTHER MATERIAL AND TRIM OPTION.**

VALVE DESIGN CONFORM TO API600,
ANSI B16.34

VALVE ENDS CONFORM TO ANSI B16.10

SHELL AND SEAT LEAKAGE TEST
ACCORDANCE WITH ANSI B16.34

RIGHT TABLE INDICATE THE ASTM A351-CF8
OTHER MATERIAL ACCORDANCE
WITH ANSI B16.34

HYDROSTATIC SHELL & SEAT LEAKAGE TEST			
CLASS	SHELL	SEAT	AIR
1500 LBS	380 PSI kg/Cm ²	279 PSI kg/Cm ²	
2500 LBS	633 PSI kg/Cm ²	465 PSI kg/Cm ²	6 PSI kg/Cm ²
4500 LBS	1173 PSI kg/Cm ²	860 PSI kg/Cm ²	

*** WE RECOMMEND 8" AND OVER, GEAR OPERATED TYPE**

SIZE	ENDS	1/2" (15A)	3/4" (20A)	1" (25A)	1-1/2" (40A)	2" (50A)	2-1/2" (65A)	3" (80A)	4" (100A)	6" (150A)	8" (200A)	10" (250A)	12" (300A)	14" (350A)	16" (400A)	18" (450A)	20" (500A)	24" (600A)	
#1500	L(RF,BW)	117	117	130	165	203	254	304.8	406.4	558.8	711.2	863.6	990.6	1066.8	1193.8	1346.2	1473.2	1549.4	
	H	265	265	289	359	441	641	775	805	1280	1491	1895	1990	2060	2310	2415	2770	3000	
	W	175	175	175	200	250	335	450	450	600	600	800	800	800	800	800	800	800	800
	BW WT(Kg)	7.0	7.0	12.0	18.0	32.0	85.0	100.0	150.0	270	410	620	1040	1310	1510	1780	2400	3000	
#2500	L(RF,BW)	130	130	165	203	218	254	304.8	406.4	558.8	711.2	863.6	990.6	1066.8	1193.8	1346.2	1473.2		
	H	279	279	314	374	460	641	775	805	1280	1491	1985	1990	2060	2310	2415	2770		
	W	175	175	200	250	335	450	450	600	600	800	800	800	800	800	800	800		
	BW WT(Kg)	11.0	11.0	16.0	27.0	48.0	50.0	60.0	120.0	310	480	705	1075	1540	2150	2560	3540		
#4500	L(RF,BW)	130	130	165	203	218													
	H	279	279	314	374	460													
	W	175	175	200	250	250													
	BW WT(Kg)	11.0	11.0	16.0	27.0	48.0													