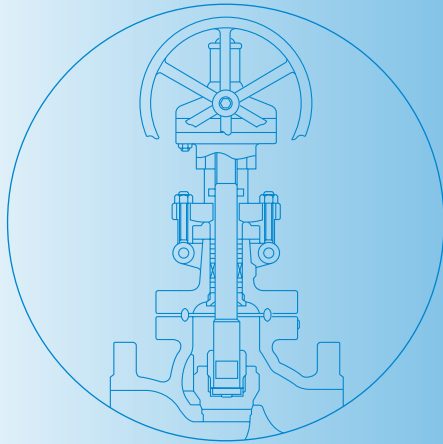
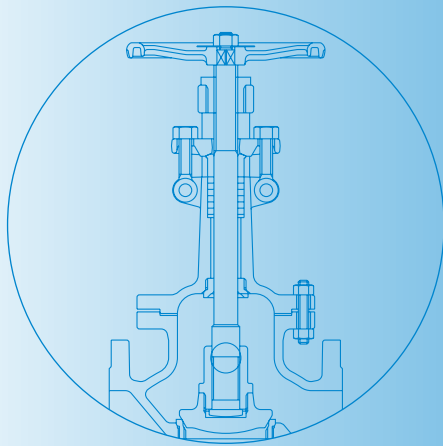
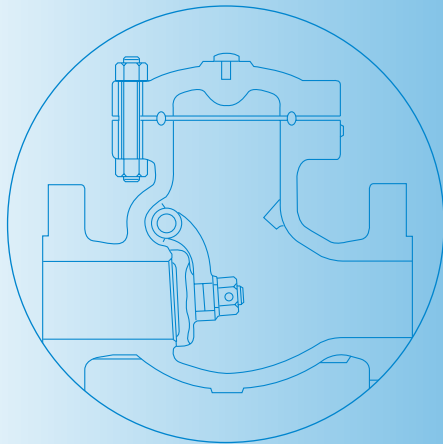
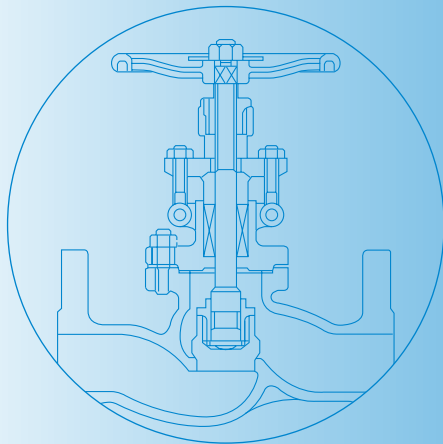
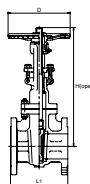
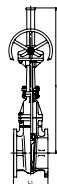
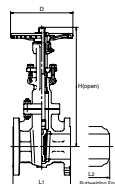


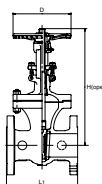
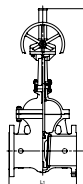
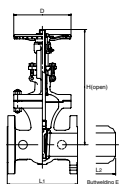
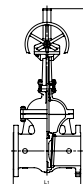


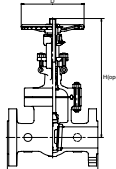
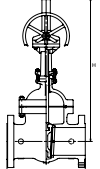
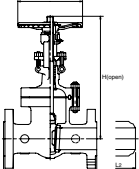
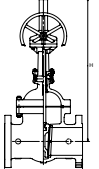
CARBON STEEL

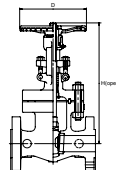
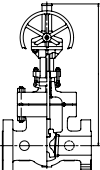
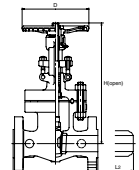
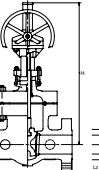
G E N E R A L C A T A L O G

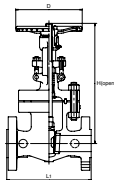
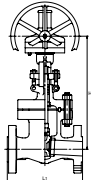
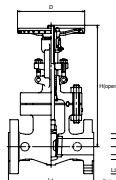
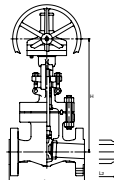


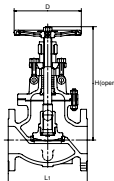
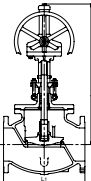
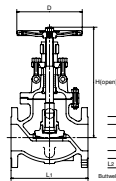
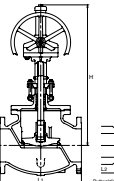
TYPE	Gate					Gate			Gate			Gate		
CARBON STEEL														
FIG	150SCLS					G-150SCLS			W150SCLS			G-W150SCLS		
PRESSURE	Class 150					Class 150			Class 150			Class 150		
END CONNECTION	Flanged					Flanged			Butt-welding			Butt-welding		
DIMENSIONS	inch	mm	L	H	D	L	H	D	L	H	D	L	H	D
	1 1/2	40	165	385	200	165	385	200	216	385	200	216	385	200
	2	50	178	385	200	178	385	200	241	432	200	241	432	200
	2 1/2	65	190	432	200	190	432	200	283	510	250	283	510	250
	3	80	203	510	250	203	510	250	305	592	250	305	592	250
	4	100	229	592	250	229	592	250	381	658	300	381	658	300
	5	125	254	658	300	254	658	300	403	759	300	403	759	300
	6	150	267	759	300	267	759	300	419	959	350	419	959	350
	8	200	292	959	350	292	959	350	457	1163	400	457	1163	400
	10	250	330	1163	400	330	1163	400	502	1362	450	502	1362	450
	12	300	356	1362	450	356	1362	450	572	1523	500	572	1523	500
	14	350	381	1523	500	381	1523	500	610	1691	600	610	1691	600
	16	400	406	1691	600	406	1691	600	660	1888	600	660	1888	600
	18	450	432	1888	600	432	1888	600	711	2124	680	711	2124	680
	20	500	457	2124	680	457	2124	680	762	2326	680	762	2326	680
	22	550	483	2326	680	483	2326	680	813	2492	760	813	2492	760
	24	600	508	2492	760	508	2492	760	864	2835	500	864	2835	500
	26	650	559	2835	500	559	2835	500	914	3030	600	914	3030	600
28	700	610	3030	600	610	3030	600	914	3154	600	914	3154	600	
30	750	610	3154	600	610	3154	600	965	3267	600	965	3267	600	
32	800	660	3267	600	660	3267	600	1016	3507	600	1016	3507	600	
34	850	711	3507	600	711	3507	600	1016	3801	600	1016	3801	600	
36	900	711	3801	600	711	3801	600	1016	3801	600	1016	3801	600	
BODY	WCB					WCB			WCB			WCB		
BONNET	WCB					WCB			WCB			WCB		
STEM	F6a					F6a			F6a			F6a		
DISC	13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr			13Cr/Carbon Steel+13Cr			13Cr/Carbon Steel+13Cr		
GLAND PACKING	Flexible Graphite					Flexible Graphite			Flexible Graphite			Flexible Graphite		
	Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.			Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.			Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.		

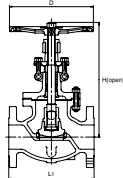
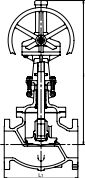
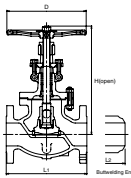
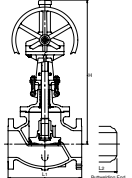
TYPE	Gate					Gate					Gate					Gate				
CARBON STEEL																				
	300SCLS					G-300SCLS					W300SCLS					G-W300SCLS				
	Class 300					Class 300					Class 300					Class 300				
	Flanged					Flanged					Butt-welding					Butt-welding				
	DIMENSIONS					inch	mm	L	H	D	L	H	D	L	H	D	L	H	D	
	1½	40	190	411	200	190	411	200	216	411	200	216	411	200	216	411	200			
	2	50	216	411	200	216	411	200	241	454	200	241	454	200	241	454	200			
	2½	65	241	454	200	241	454	200	283	528	250	283	528	250	283	528	250			
	3	80	283	528	250	283	528	250	305	613	250	305	613	250	305	613	250			
	4	100	305	613	250	305	613	250	381	692	300	381	692	300	381	692	300			
	5	125	381	692	300	381	692	300	403	790	350	403	790	350	403	790	350			
	6	150	403	790	350	403	790	350	419	1013	400	419	1013	400	419	1013	400			
	8	200	419	1013	400	419	1013	400	457	1215	450	457	1215	450	457	1215	450			
	10	250	457	1215	450	457	1215	450	502	1437	500	502	1437	500	502	1437	500			
	12	300	502	1437	500	502	1437	500	528	1561	600	528	1561	600	528	1561	600			
	14	350	528	1561	600	528	1561	600	550	1729	600	550	1729	600	550	1729	600			
	16	400	550	1729	600	550	1729	600	575	1931	680	575	1931	680	575	1931	680			
	18	450	575	1931	680	575	1931	680	591	2137	760	591	2137	760	591	2137	760			
	20	500	591	2137	760	591	2137	760	600	2364	760	600	2364	760	600	2364	760			
	22	550	600	2364	760	600	2364	760	625	2540	910	625	2540	910	625	2540	910			
	24	600	625	2540	910	625	2540	910	650	2848	600	650	2848	600	650	2848	600			
	26	650	650	2848	600	650	2848	600	675	3151	600	675	3151	600	675	3151	600			
	28	700	675	3151	600	675	3151	600	700	3341	600	700	3341	600	700	3341	600			
	30	750	700	3341	600	700	3341	600	725	3500	600	725	3500	600	725	3500	600			
	32	800	725	3500	600	725	3500	600	750	3826	600	750	3826	600	750	3826	600			
	34	850	750	3826	600	750	3826	600	775	3926	600	775	3926	600	775	3926	600			
	36	900	775	3926	600	775	3926	600												
BODY	WCB					WCB					WCB					WCB				
BONNET	WCB					WCB					WCB					WCB				
STEM	F6a					F6a					F6a					F6a				
DISC	13Cr/Carbon Steel+13Cr Flexible Graphite					13Cr/Carbon Steel+13Cr Flexible Graphite					13Cr/Carbon Steel+13Cr Flexible Graphite					13Cr/Carbon Steel+13Cr Flexible Graphite				
GLAND PACKING	Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.					Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.				

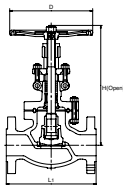
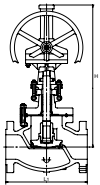
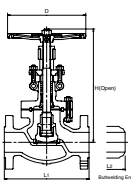
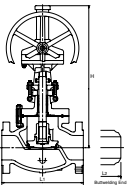
TYPE	Gate					Gate					Gate					Gate				
CARBON STEEL																				
FIG	600SCLS					G-600SCLS					W600SCLS					G-W600SCLS				
PRESSURE	Class 600					Class 600					Class 600					Class 600				
END CONNECTION	Flanged					Flanged					Butt-welding					Butt-welding				
DIMENSIONS	inch	mm	L	H	D	L	H	D	L	H	D	L	H	D						
	2	50	292	447	200	292	447	200	292	447	200	292	447	200						
	2½	65	330	499	250	330	499	250	330	499	250	330	499	250						
	3	80	356	544	250	356	544	250	356	544	250	356	544	250						
	4	100	432	666	300	432	666	300	432	666	300	432	666	300						
	5	125	508	770	400	508	770	400	508	770	400	508	770	400						
	6	150	559	892	450	559	892	450	559	892	450	559	892	450						
	8	200	660	1065	500	660	1065	500	660	1065	500	660	1065	500						
	10	250	787	1257	600	787	1257	600	787	1257	600	787	1257	600						
	12	300	838	1464	680	838	1464	680	838	1464	680	838	1464	680						
	14	350	889	1593	760	889	1593	760	889	1593	760	889	1593	760						
	16	400	991	1779	760	991	1779	760	991	1779	760	991	1779	760						
	18	450	1092	2071	910	1092	2071	910	1092	2071	910	1092	2071	910						
	20	500	1194	2256	600	1194	2256	600	1194	2256	600	1194	2256	600						
	22	550	1295	2500	600	1295	2500	600	1295	2500	600	1295	2500	600						
	24	600	1397	2730	610	1397	2730	610	1397	2730	610	1397	2730	610						
	BODY	WCB					WCB					WCB					WCB			
BONNET	WCB					WCB					WCB					WCB				
STEM	F6a					F6a					F6a					F6a				
DISC	13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr				
GLAND PACKING	Flexible Graphite					Flexible Graphite					Flexible Graphite					Flexible Graphite				
	Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.					Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Flexible wedge.				

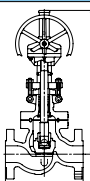
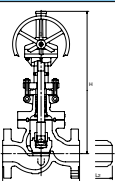
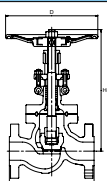
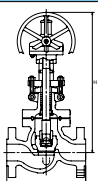
TYPE	Gate					Gate				Gate			Gate			
CARBON STEEL																
	900SCLS					G-900SCLS				W900SCLS			G-W900SCLS			
	Class 900					Class 900				Class 900			Class 900			
	Flanged					Flanged				Butt-welding			Butt-welding			
	DIMENSIONS		inch	mm	L	H	D	L	H	D	L	H	D	L	H	D
		2	50	368	521	250	368	521	250	368	521	250	368	521	250	368
		2 1/2	65													
		3	80	381	620	300	381	620	300	381	620	300	381	620	300	381
		4	100	457	698	350	457	698	350	457	698	350	457	698	350	457
		5	125													
6		150	610	901	500	610	901	500	610	901	500	610	901	500	610	
8		200	737	1087	600	737	1087	600	737	1087	600	737	1087	600	737	
10		250	838	1286	680	838	1286	680	838	1286	680	838	1286	680	838	
12		300	965	1498	760	965	1498	760	965	1498	760	965	1498	760	965	
14		350	1029	1581	600	1029	1581	600	1029	1581	600	1029	1581	600	1029	
16		400	1130	1766	600	1130	1766	600	1130	1766	600	1130	1766	600	1130	
18		450	1219	2180	600	1219	2180	600	1219	2180	600	1219	2180	600	1219	
20		500	1321	2400	610	1321	2400	610	1321	2400	610	1321	2400	610	1321	
22		550														
24		600	1549	2680	610	1549	2680	610	1549	2680	610	1549	2680	610	1549	
BODY	WCB					WCB				WCB			WCB			
BONNET	WCB					WCB				WCB			WCB			
STEM	F6a					F6a				F6a			F6a			
DISC	13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr				13Cr/Carbon Steel+13Cr			13Cr/Carbon Steel+13Cr			
GLAND PACKING	Flexible Graphite					Flexible Graphite				Flexible Graphite			Flexible Graphite			
	Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6& larger).					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6& larger).				Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6& larger).			Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6& larger).			

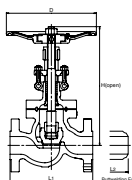
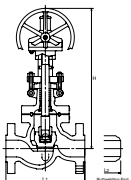
TYPE	Gate					Gate					Gate					Gate									
CARBON STEEL																									
	FIG					1500SCLS					G-1500SCLS					W1500SCLS					G-W1500SCLS				
	PRESSURE					Class 1500					Class 1500					Class 1500					Class 1500				
	END CONNECTION					Flanged					Flanged					Butt-welding					Butt-welding				
	DIMENSIONS					inch	mm	L	H	D	L	H	D	L	H	D	L	H	D						
	2	50	368	521	250	368	521	250	368	521	250	368	521	250	368	521	250								
	2½	65	419	633	300	419	633	300	419	633	300	419	633	300	419	633	300								
	3	80	470	686	350	470	686	350	470	686	350	470	686	350	470	686	350								
	4	100	546	772	400	546	772	400	546	772	400	546	772	400	546	772	400								
	5	125																							
	6	150	705	1050	600	705	1050	600	705	1050	600	705	1050	600	705	1050	600								
	8	200	832	1250	680	832	1250	680	832	1250	680	832	1250	680	832	1250	680								
	10	250	991	1477	910	991	1477	910	991	1477	910	991	1477	910	991	1477	910								
	12	300	1130	1658	910	1130	1658	910	1130	1658	910	1130	1658	910	1130	1658	910								
	14	350	1257	1750	600	1257	1750	600	1257	1750	600	1257	1750	600	1257	1750	600								
	16	400	1384	2060	610	1384	2060	610	1384	2060	610	1384	2060	610	1384	2060	610								
BODY	WCB					WCB					WCB					WCB									
BONNET	WCB					WCB					WCB					WCB									
STEM	F6a					F6a					F6a					F6a									
DISC	13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr									
GLAND PACKING	Flexible Graphite					Flexible Graphite					Flexible Graphite					Flexible Graphite									
	Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6& larger).					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6& larger).					Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6& larger).					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem, Non-rising handwheel, Solid wedge (Nominal Size 2 to 4) or Flexible wedge (Nominal Size 6& larger).									

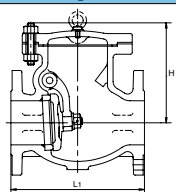
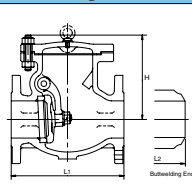
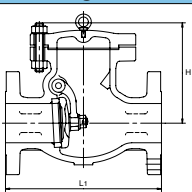
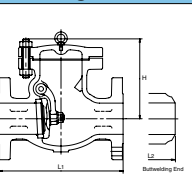
TYPE	Globe					Globe			Globe			Globe					
CARBON STEEL																	
	FIG					150SCJS			G-150SCJS			W150SCJS			G-W150SCJS		
	PRESSURE					Class 150			Class 150			Class 150			Class 150		
	END CONNECTION					Flanged			Flanged			Butt-welding			Butt-welding		
	DIMENSIONS		inch	mm	L	H	D	L	H	D	L	H	D	L	H	D	
	1 1/2	40	165	332	200	165	332	200					203	332	200		
	2	50	203	332	200	203	332	200	203	332	200	203	332	200	203		
	2 1/2	65	216	379	250	216	379	250	216	379	250	216	379	250	216		
	3	80	241	390	250	241	390	250	241	390	250	241	390	250	241		
	4	100	292	460	250	292	460	250	292	460	250	292	460	250	292		
	5	125	356	464	300	356	464	300	356	464	300	356	464	300	356		
	6	150	406	513	350	406	513	350	406	513	350	406	513	350	406		
	8	200	495	630	400	495	630	400	495	630	400	495	630	400	495		
	10	250	622	979	500	622	979	500	622	979	500	622	979	500	622		
	12	300	698	1049	500	698	1049	500	698	1049	500	698	1049	500	698		
	14	350	787	1106	500	787	1106	500	787	1106	500	787	1106	500	787		
	16	400	914	1224	600	914	1224	600	914	1224	600	914	1224	600	914		
	18	450	978	1264	600	978	1264	600	978	1264	600	978	1264	600	978		
BODY		WCB					WCB			WCB			WCB				
BONNET		WCB					WCB			WCB			WCB				
STEM		403					403			403			403				
DISC		13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr			13Cr/Carbon Steel+13Cr			13Cr/Carbon Steel+13Cr				
GLAND PACKING		Flexible Graphite					Flexible Graphite			Flexible Graphite			Flexible Graphite				
		Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.			Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.			Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.				

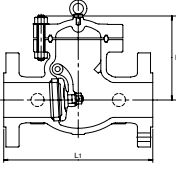
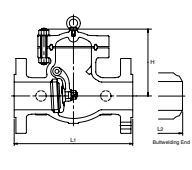
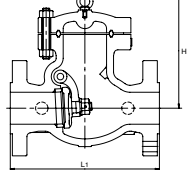
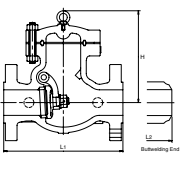
TYPE	Globe					Globe			Globe			Globe		
CARBON STEEL														
FIG	300SCJS					G-300SCJS			W300SCJS			G-W300SCJS		
PRESSURE	Class 300					Class 300			Class 300			Class 300		
END CONNECTION	Flanged					Flanged			Butt-welding			Butt-welding		
DIMENSIONS	inch	mm	L	H	D	L	H	D	L	H	D	L	H	D
	1½	40	229	362	200	229	362	200						
	2	50	267	362	200	267	362	200	267	362	200	267	362	200
	2½	65	292	433	250	292	433	250	292	433	250	292	433	250
	3	80	318	436	250	318	436	250	318	436	250	318	436	250
	4	100	356	510	350	356	510	350	356	510	350	356	510	350
	5	125	400	610	400	400	610	400	400	610	400	400	610	400
	6	150	444	685	450	444	685	450	444	685	450	444	685	450
	8	200	559	1062	500	559	1062	500	559	1062	500	559	1062	500
	10	250	622	1143	600	622	1143	600	622	1143	600	622	1143	600
	12	300	711	1188	600	711	1188	600	711	1188	600	711	1188	600
	14	350	838	1450	600	838	1450	600	838	1450	600	838	1450	600
	16	400	864	1410	600	864	1410	600	864	1410	600	864	1410	600
BODY	WCB					WCB			WCB			WCB		
BONNET	WCB					WCB			WCB			WCB		
STEM	403					403			403			403		
DISC	13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr			13Cr/Carbon Steel+13Cr			13Cr/Carbon Steel+13Cr		
GLAND PACKING	Flexible Graphite					Flexible Graphite			Flexible Graphite			Flexible Graphite		
	Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.					Gear Operated			Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.			Gear Operated		
						Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.						Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.		

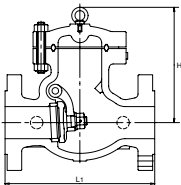
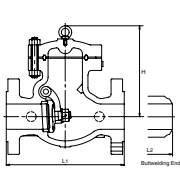
TYPE	Globe					Globe			Globe			Globe		
CARBON STEEL														
	FIG					G-FIG			WFIG			G-WFIG		
	PRESSURE					Class 600			Class 600			Class 600		
	END CONNECTION					Flanged			Butt-welding			Butt-welding		
	DIMENSIONS					DIMENSIONS			DIMENSIONS			DIMENSIONS		
	inch	mm	L	H	D	L	H	D	L	H	D	L	H	D
	2	50	292	400	250	292	400	250	292	400	250	292	400	250
	2 1/2	65	330	475	300	330	475	300	330	475	300	330	475	300
	3	80	356	506	350	356	506	350	356	506	350	356	506	350
	4	100	432	897	500	432	897	500	432	897	500	432	897	500
	5	125	508	930	500	508	930	500	508	930	500	508	930	500
	6	150	559	991	500	559	991	500	559	991	500	559	991	500
	8	200	660	1167	600	660	1167	600	660	1167	600	660	1167	600
	10	250	787	1320	600	787	1320	600	787	1320	600	787	1320	600
	12	300	838	1580	610	838	1580	610	838	1580	610	838	1580	610
BODY	WCB					WCB			WCB			WCB		
BONNET	WCB					WCB			WCB			WCB		
STEM	403					403			403			403		
DISC	13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr			13Cr/Carbon Steel+13Cr			13Cr/Carbon Steel+13Cr		
GLAND PACKING	Flexible Graphite					Flexible Graphite			Flexible Graphite			Flexible Graphite		
	Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.					Gear Operated			Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.			Gear Operated		
						Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.						Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc.		

TYPE	Globe					Globe					Globe					Globe				
CARBON STEEL																				
	900SCJS					W900SCJS					1500SCJS					G-1500SCJS				
	Class 900					Class 900					Class 1500					Class 1500				
	Flanged					Butt-welding					Flanged					Flanged				
	DIMENSIONS					inch	mm	L	H	D	L	H	D	L	H	D	L	H	D	
	2	50											368	540	350	368	540	350		
	2½	65											419	920	500	419	920	500		
	3	80	381	900	500	381	900	500	470	964	500	470	964	500	546	1102	600	546	1102	600
	4	100	457	957	500	457	957	500	546	1102	600	546	1102	600	705	1366	600	705	1366	600
	5	125																		
	6	150	610	1173	600	610	1173	600	705	1366	600	705	1366	600	832	1400	610	832	1400	610
	8	200	737	1381	600	737	1381	600	832	1400	610	832	1400	610						
BODY	WCB+HF*					WCB+HF*					WCB+HF*					WCB+HF*				
BONNET	WCB					WCB					WCB					WCB				
STEM	403					403					403					403				
DISC	13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr					13Cr/Carbon Steel+13Cr				
GLAND PACKING	Flexible Graphite					Flexible Graphite					Flexible Graphite					Flexible Graphite				
	Bolted bonnet, Outside screw-and-yoke, Rising stem, Swivel disc. *Hard facing with Co-Cr-W Alloy.					Bolted bonnet, Outside screw-and-yoke, Rising stem, Swivel disc. *Hard facing with Co-Cr-W Alloy.					Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc. *Hard facing with Co-Cr-W Alloy.					Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc. *Hard facing with Co-Cr-W Alloy.				

TYPE			Globe				Globe			
CARBON STEEL										
FIG			W1500SCJS				G-W1500SCJS			
PRESSURE			Class 1500				Class 1500			
END CONNECTION			Butt-welding				Butt-welding			
DIMENSIONS			inch	mm	L	H	D	L	H	D
			2	50	368	540	350	368	540	350
			2½	65	419	920	500	419	920	500
			3	80	470	964	500	470	964	500
			4	100	546	1102	600	546	1102	600
			5	125						
			6	150	705	1366	600	705	1366	600
			8	200	832	1400	610	832	1400	610
BODY			WCB+HF*				WCB+HF*			
BONNET			WCB				WCB			
STEM			403				403			
DISC			13Cr/Carbon Steel+13Cr				13Cr/Carbon Steel+13Cr			
GLAND PACKING			Flexible Graphite				Flexible Graphite			
			Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc. *Hard facing with Co-Cr-W Alloy.				Gear Operated Bolted bonnet, Outside screw-and-yoke, Rising stem handwheel, Swivel disc. *Hard facing with Co-Cr-W Alloy.			

TYPE	Swing Check				Swing Check				Swing Check				Swing Check			
CARBON STEEL																
FIG	150SCOS				W150SCOS				300SCOS				W300SCOS			
PRESSURE	Class 150				Class 150				Class 300				Class 300			
END CONNECTION	Flanged				Butt-welding				Flanged				Butt-welding			
DIMENSIONS	inch	mm	L	H		L	H		L	H		L	H		L	H
	1 1/2	40	165	135					241	140					267	165
	2	50	203	152		203	152		267	165					267	165
	2 1/2	65	216	170		216	170		292	190					292	190
	3	80	241	180		241	180		318	205					318	205
	4	100	292	200		292	200		356	225					356	225
	5	125	330	235		330	235		400	250					400	250
	6	150	356	250		356	250		444	272					444	272
	8	200	495	295		495	295		533	330					533	330
	10	250	622	334		622	334		622	360					622	360
	12	300	698	368		698	368		711	406					711	406
	14	350	787	415		787	415		838	480					838	480
	16	400	864	460		864	460		864	535					864	535
	18	450	978	510		978	510		978	575					978	575
	20	500	978	583		978	583		1016	630					1016	630
	22	550	1067	585		1067	585									
	24	600	1295	630		1295	630		1346	805					1346	805
	26	650	1295	680		1295	680									
	28	700	1448	716		1448	716		1499	930					1499	930
	30	750	1524	760		1524	760		1594	975					1594	975
BODY	WCB				WCB				WCB				WCB			
COVER	WCB				WCB				WCB				WCB			
HINGE PIN	403				403				403				403			
DISC	13Cr/Carbon Steel+13Cr				13Cr/Carbon Steel+13Cr				13Cr/Carbon Steel+13Cr				13Cr/Carbon Steel+13Cr			
	Bolted cover, Swing type disc.				Bolted cover, Swing type disc.				Bolted cover, Swing type disc.				Bolted cover, Swing type disc.			

TYPE	Swing Check				Swing Check				Swing Check				Swing Check			
CARBON STEEL																
FIG	600SCOS				W600SCOS				900SCOS				W900SCOS			
PRESSURE	Class 600				Class 600				Class 900				Class 900			
END CONNECTION	Flanged				Butt-welding				Flanged				Butt-welding			
DIMENSIONS	inch	mm	L	H		L	H		L	H		L	H		L	H
	2	50	292	180		292	180									
	2 1/2	65	330	197		330	197									
	3	80	356	220		356	220		381	292		381	292			
	4	100	432	256		432	256		457	346		457	346			
	5	125	508	292		508	292									
	6	150	559	318		559	318		610	444		610	444			
	8	200	660	356		660	356		737	526		737	526			
	10	250	787	415		787	415		838	620		838	620			
	12	300	838	450		838	450		965	720		965	720			
	14	350	889	556		889	556		1029	794		1029	794			
	16	400	991	601		991	601		1130	880		1130	880			
	18	450	1092	635		1092	635		1219	952		1219	952			
	20	500	1194	707		1194	707		1321	1042		1321	1042			
	22	550														
	24	600	1397	856		1397	856									
BODY	WCB				WCB				WCB				WCB			
COVER	WCB				WCB				WCB				WCB			
HINGE PIN	403				403				403				403			
DISC	13Cr/Carbon Steel+13Cr				13Cr/Carbon Steel+13Cr				WCB+13Cr				WCB+13Cr			
	Bolted cover, Swing type disc.				Bolted cover, Swing type disc.				Bolted cover, Swing type disc.				Bolted cover, Swing type disc.			

TYPE			Swing Check			Swing Check		
CARBON STEEL								
FIG			1500SCOS			W1500SCOS		
PRESSURE			Class 1500			Class 1500		
END CONNECTION			Flanged			Butt-welding		
DIMENSIONS			L	H		L	H	
	2	50	368	290		368	290	
	2 1/2	65	419	316		419	316	
	3	80	470	347		470	347	
	4	100	546	391		546	391	
	5	125						
	6	150	705	515		705	515	
	8	200	832	650		832	650	
	10	250	991	737		991	737	
	12	300	1130	875		1130	875	
	14	350	1257	955		1257	955	
	16	400	1384	1082		1384	1082	
BODY			WCB			WCB		
COVER			WCB			WCB		
HINGE PIN			403			403		
DISC			WCB+13Cr			WCB+13Cr		
			Bolted cover, Swing type disc.			Bolted cover, Swing type disc.		