

# STAINLESS STEEL

## Screwed (PT or NPT)

Fig No.		95			96			97			98		
Item		200 Gate N.R.S			200 Swing			200 Globe			200 Y-Strainer		
Material	Body	CF8M(SCS14A)											
	Trim	316 S/Steel											
Class	10K	16bar	150Lb.	10K	16bar	150Lb.	10K	16bar	150Lb.	10K	16bar	150Lb.	
Screw	PT	NPT	NPT	PT	NPT	NPT	PT	NPT	NPT	PT	NPT	NPT	
Standard	JIS	BS	ASME	JIS	BS	ASME	JIS	BS	ASME	JIS	BS	ASME	
Working Pressure	●JIS/1.4MPa(-10~120°C) ●BS/16bar(-10~100°C) ●ASME/275PSI-WOG(100°F)												
Appearance													
Dimension		L	H	W	L	H	L	H(Open)	W	L	H		
1/2 inch	15 mm	55	101	70	65	43	52	103	70	65	45		
3/4	20	60	108	70	80	51	66	111	80	80	53		
1	25	65	115	80	89	60	76	121	80	90	68		
1 1/4	32	75	132	80	105	66	86	156	90	105	72		
1 1/2	40	85	149	90	120	75	94	147	90	120	80		
2	50	95	175	100	139	80	118	175	100	140	97		
2 1/2	65	116	213	140	181	99				170	112		
3	80	130	241	140	200	104				195	129		

## 150Lb./10K/PN16 Flanged

Fig No.		99-3		99-4		100-3		100-4		101-3		101-4		102-3		102-4	
Item		Gate OS&Y		Swing		Globe		Y-Strainer									
Material	Body	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)
	Trim	304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel	304 S/Screen	316 S/Screen	304 S/Screen	316 S/Screen	304 S/Screen	316 S/Screen	304 S/Screen	316 S/Screen
Working Pressure	●10K/1.4MPa(-10~120°C) ●PN16/16bar(-10~100°C) ●150Lb./275PSI-WOG(100°F)																
Appearance																	
Dimension		L	H(Open)	W	L	H	L	H(Open)	W	L	H						
1/2 inch	15 mm	108	190	120	108	51	108	186	140	120	85						
3/4	20	117	195	120	117	54	117	197	140	140	87						
1	25	127	234	120	127	64	127	212	140	150	114						
1 1/4	32	140	297	200	140	68	140	236	160	180	114						
1 1/2	40	165	300	200	165	75	165	236	160	190	135						
2	50	178	331	200	203	98	203	252	200	210	155						
2 1/2	65	190	393	200	216	112	216	308	200	250	189						
3	80	203	470	250	241	124	241	327	250	280	200						
4	100	229	545	250	292	161	292	384	250	340	232						
5	125	254	640	300	330	180	356	484	300	380	274						
6	150	267	740	300	356	205	406	547	350	420	326						
8	200	292	910	350	495	236	495	669	350	500	397						
10	250	330	1097	400	622	302	622	824	400	730	512						
12	300	356	1285	400	698	340	698	736	500	850	562						

## 300Lb./20K Flanged

Fig No.		121-3		121-4		122-3		122-4		123-3		123-4		124-3		124-4	
Item		Gate OS&Y		Swing		Globe		Y-Strainer									
Material	Body	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)
	Trim	304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel	304 S/Screen	316 S/Screen	304 S/Screen	316 S/Screen	304 S/Screen	316 S/Screen
Working Pressure	●20K/3.4MPa(-10~120°C) ●300Lb./720PSI(100°F)																
Appearance																	
Dimension		L	H(Open)	W	L	H	L	H(Open)	W	L	H						
1/2 inch	15 mm	140	236	120	152	61	152	186	140	120	85						
3/4	20	152	236	120	178	61	178	186	140	140	87						
1	25	165	236	120	216	79	203	187	140	150	114						
1 1/4	32	178	355	250	229	93	216	215	140	180	114						
1 1/2	40	190	355	250	241	93	229	236	140	190	135						
2	50	216	356	250	267	128	267	289	250	210	155						
2 1/2	65	241	415	250	292	146	292	297	250	250	189						
3	80	283	471	250	318	168	318	343	300	290	200						
4	100	305	568	300	356	200	356	398	300	386	232						
5	125	381	677	300	400	228	400	487	450	400	274						
6	150	403	791	350	445	271	444	558	450	480	326						
8	200	419	1006	400	533	323	559	665	500	600	397						
10	250	457	1214	400	622	355				730	512						
12	300	502	1408	500	711	406				850	562						

## Screwed (PT or NPT) 150Lb./10K Flanged 300Lb./20K Flanged

Fig No.		92		93		144-3		144-4		125-3		125-4	
Item		1000R Ball		1000F Ball		150Lb./10K Ball		300Lb./20K Ball					
Material	Body	CF8M(SCS14A)				CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)
	Trim	CF8M(SCS14A)				CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)	CF8(SCS13A)	CF8M(SCS14A)
	Seat	R PTFE				R PTFE				R PTFE			
	Stem	316 S/Steel				304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel	304 S/Steel	316 S/Steel
Design	1-PC.Body		2-PC.Body		2-PC.Body		2-PC.Body						
Bore	Reduce		Full		Full		Full						
Working Pressure	●6.86MPa(-10~38°C)		●6.86MPa(-10~38°C)		●10K/1.4MPa(-10~120°C) ●150Lb./275PSI(100°F)		●20K/3.4MPa(-10~120°C) ●300Lb./425PSI(100°F)						
Appearance													
Dimension		L	H	W	L	H	W	L	H	W	L	H	W
1/4 inch	8 mm	39	34	69	52	56	102						
3/8	10	44	38	83	52	56	102						
1/2	15	59	41	96	58	65	123	110	108	85	160	140	94
3/4	20	60	45	96	67	68	123	120	117	90	160	152	99
1	25	72	52	116	78	79	153	130	127	100	160	165	108
1 1/4	32	77	57	116	90	84	153	140	140	105	160	178	108
1 1/2	40	84	62	158	104	93	183	165	165	110	206	190	112
2	50	100	68	158	127	99	183	180	178	120	206	216	122
2 1/2	65				158	136	246	190	190	160	324	241	151
3	80				187	146	246	200	203	170	324	283	163
4	100							230	229	185	324	305	172
5	125							300	356	260	650		
6	150							340	394	280	650	403	247
8	200							450	457	340	850	502	305
10	250							530	533	※	※		
12	300							610	610	※	※		
Remark													
※Gear Ope. as Std. PN25/PN40 Flanged available													