



TYPE	GATE					GATE			GATE			GATE			GATE		
Ductile Iron																	
FIG	10SMS					10SMBF			10SMBOF			16SMB			16SMBO		
PRESSURE	10K					10K			10K			16K			16K		
END CONNECTION	BS21 (JIS B0203)					JIS B2239			JIS B2239			JIS B2239			JIS B2239		
DIMENSIONS	inch	mm	L	H	D	L	H	D	L	H	D	L	H	D	L	H	D
	1/2	15	60	150	60	90	164	70	-	-	-	108	163	70	-	-	-
	3/4	20	70	171	70	100	165	70	-	-	-	117	164	70	-	-	-
	1	25	75	198	80	110	188	80	-	-	-	127	187	80	-	-	-
	1 1/4	32	85	233	90	120	219	90	-	-	-	140	219	90	-	-	-
	1 1/2	40	95	274	100	130	253	100	165	300	160	165	253	100	165	300	160
	2	50	105	318	115	140	285	115	178	352	200	178	285	115	178	352	200
	2 1/2	65	-	-	-	-	-	-	190	410	200	-	-	-	190	410	200
	3	80	-	-	-	-	-	-	203	479	250	-	-	-	203	479	250
	4	100	-	-	-	-	-	-	229	566	250	-	-	-	229	566	250
	5	125	-	-	-	-	-	-	254	667	300	-	-	-	254	667	300
	6	150	-	-	-	-	-	-	267	779	300	-	-	-	267	779	300
	8	200	-	-	-	-	-	-	292	969	350	-	-	-	292	969	350
	10	250	-	-	-	-	-	-	330	1181	400	-	-	-	330	1181	400
	12	300	-	-	-	-	-	-	356	1404	450	-	-	-	356	1404	450
	14	350	-	-	-	-	-	-	381	1538	500	-	-	-	-	-	-
	16	400	-	-	-	-	-	-	406	1702	600	-	-	-	-	-	-
	18	450	-	-	-	-	-	-	432	1538	500	-	-	-	-	-	-
	20	500	-	-	-	-	-	-	457	1702	600	-	-	-	-	-	-
BODY	Ductile Iron					Ductile Iron			Ductile Iron			Ductile Iron			Ductile Iron		
BONNET	Ductile Iron					Ductile Iron			Ductile Iron			Ductile Iron			Ductile Iron		
STEM	Stainless Steel					Stainless Steel			Stainless Steel			Stainless Steel			Stainless Steel		
DISC	Stainless Steel					Stainless Steel			Stainless Steel / Carbon Steel / Cast Steel			Stainless Steel			Stainless Steel / Carbon Steel / Cast Steel		

TYPE	GATE					GATE			GATE			GLOBE			GLOBE		
Ductile Iron																	
FIG	16SMS					20SLS			150SMBO			10SJ			10SJBF		
PRESSURE	16K					20K			Class 150			10K			10K		
END CONNECTION	BS21 (JIS B0203)					BS21 (JIS B0203)			ASME B16.5			BS21 (JIS B0203)			JIS B2239		
DIMENSIONS	inch	mm	L	H	D	L	H	D	L	H	D	L	H	D	L	H	D
	1/4	8	-	-	-	-	-	-	-	-	-	50	108	60	-	-	-
	3/8	10	-	-	-	-	-	-	-	-	-	55	108	60	85	108	60
	1/2	15	65	163	70	70	175	90	-	-	-	65	122	70	85	122	70
	3/4	20	75	182	80	75	177	90	-	-	-	80	125	80	95	125	80
	1	25	80	212	90	85	214	100	-	-	-	90	146	90	110	146	90
	1 1/4	32	90	245	100	95	241	115	-	-	-	105	160	100	130	160	100
	1 1/2	40	100	285	115	105	277	135	165	300	160	120	180	115	150	180	115
	2	50	110	330	135	115	301	135	178	352	200	140	198	135	180	198	135
	2 1/2	65	-	-	-	-	-	-	190	408	200	180	250	180	210	250	180
	3	80	-	-	-	-	-	-	203	473	250	200	280	225	240	280	225
	4	100	-	-	-	-	-	-	229	566	250	-	-	-	-	-	-
	5	125	-	-	-	-	-	-	254	667	300	-	-	-	-	-	-
	6	150	-	-	-	-	-	-	267	779	300	-	-	-	-	-	-
	8	200	-	-	-	-	-	-	292	969	350	-	-	-	-	-	-
	10	250	-	-	-	-	-	-	330	1181	400	-	-	-	-	-	-
	12	300	-	-	-	-	-	-	356	1404	450	-	-	-	-	-	-
BODY	Ductile Iron					Ductile Iron			Ductile Iron			Ductile Iron			Ductile Iron		
BONNET	Ductile Iron					Ductile Iron			Ductile Iron			Ductile Iron			Ductile Iron		
STEM	Stainless Steel					Stainless Steel			Stainless Steel			Stainless Steel			Stainless Steel		
DISC	Stainless Steel					Stainless Steel			Stainless Steel / Carbon Steel / Cast Steel			Stainless Steel			Stainless Steel		