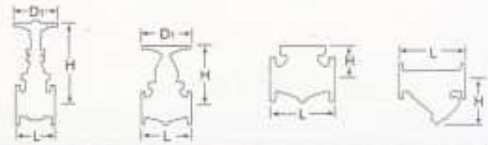


Cast Iron Valves



Design		TOYO Standard															
Type	Gate Valve				Globe Valve				Swing Check Valve								
Class	10K																
Fig.		410E				420E				405E				430E			
Size		L	H	D ₁	W	L	H	D ₁	W	L	H	D ₁	W	L	H	D ₁	W
50(mm)	2"	178	319	180	15	178	357	180	16	203	318	200	23	203	153	14	
65	1 1/2"	190	350	180	20	190	412	180	21	216	333	200	30	216	162	20	
80	2 1/2"	203	401	200	26	203	482	200	27	241	361	200	38	241	176	25	
100	1"	229	457	250	42	229	569	250	44	292	390	250	60	292	220	39	
125	5"	254	523	280	58	254	672	280	60	330	439	300	79	330	226	59	
150	6"	267	602	300	80	267	783	300	83	356	477	300	106	356	307	70	
200	8"	292	711	360	124	291	985	355	132	495	542	360	189	495	325	127	
250	10"	330	842	400	191	330	1196	400	199	622	624	450	302	622	384	185	
300	12"	356	941	450	269	356	1390	450	254	696	735	500	412	696	426	270	
350	14"																
400	16"																
Material	Body	Cast Iron				Cast Iron				Cast Iron				Cast Iron			
	Stem/Pin	Brass				Brass				Brass				Brass			
	Disc	Cast Iron				Cast Iron				Cast Iron				Cast Iron			
	Seat	Bronze				Bronze				Bronze				Bronze			
Service conditions		120°C water, non-shock 1.37 MPa 120°C oil, water, air 0.98 MPa Saturated steam 0.20MPa															
Remarks		Body Marking: MSS standard indicating "125S 200WOG"															

Design		TOYO Standard		
Type	Strainer			
Class	10K			
Fig.		450E		
Size		L	H	W
40(mm)	3/4"			
50	2"	225	178	10
65	1 1/2"	273	176	16
80	3"	292	195	23
100	4"	352	246	34
125	5"	391	300	52
150	6"	470	321	70
200	8"	543	388	110
250	10"	660	483	177
300	12"	762	560	295
350	14"			
400	16"			
Material	Body	Cast Iron		
	Stem	SUS304		
Service conditions		120°C water, non-shock 1.37 MPa 120°C oil, water, air 0.98 MPa Saturated steam 0.69MPa		
Remarks		Body Marking: MSS standard		

Trim Combination (JIS Standard)

Fig.	Stem/Pin	Disc	Seat
425J	Brass	C.I./Same material as seat	Bronze
425JS	13%Cr		13%Cr
425JU	SUS304		SUS304
405J	Brass		Bronze
405JS	13%Cr		13%Cr
405JU	SUS304		SUS304
435J	Brass		Bronze
435JS	13%Cr		13%Cr
435JU	SUS304		SUS304