

B) Cast Iron Valves (Extracted from MSS SP-70, 71 & 85)

Class 125 Gate, Globe and Check Valves

Temperature			Size 50 thru 300		Above size 350	
°C	°F		MPa	psi	MPa	psi
-29 -66	-20 -150		1.37	200	1.03	150
93	200		1.31	190	0.93	135
107	225		1.24	180	0.90	130
121	250		1.21	175	0.86	125
135	275		1.17	170	0.83	120
149	300		1.14	165	0.76	110
163	325		1.07	155	0.72	105
178	350		1.03	150	0.69	100
191	375		1.00	145		
208	400		0.97	140		
218	425		0.90	130		
232	450		0.86	125		
Saturated steam			0.86	125	0.68	100
Test	shell	Water	2.41	350	1.83	265
Pressure	seat	air	0.55	80	0.55	80

C) 10K Cast Iron Ball Valves

