



Series 78

CV Values and Pressure Temperature Chart

Date: December 2011/ Page 1 of 1

CV Values									
ANSI 150									
SIZE	10%	20%	30%	40%	50%	60%	70%	80%	90%
2"	1.5	6	13	23	35	51	69	90	92
2.5"	2	9	20	35	52	74	101	130	133
3"	3.2	12	30	53	81	116	158	204	210
4"	6.5	25	58	104	156	226	308	398	410
5"	11	38	98	176	265	383	522	675	696
6'	17	63	147	265	399	578	787	1018	1049
8"	32	119	274	493	743	1075	1500	1895	1953
10"	50	200	470	846	1275	1845	2516	3253	3354
12"	75	285	652	1170	1764	2553	3482	4501	4642
14"	96	378	881	1586	2391	3462	4808	6293	6550
16"	132	530	1228	2184	3293	4767	6500	8666	9099
18"	170	670	1563	2832	4270	6180	8430	11000	11330
20"	210	805	1778	3200	5065	7330	10100	13466	14070
24"	320	1245	2905	5229	7796	11412	15565	20753	21790
ANSI 300									
SIZE	10%	20%	30%	40%	50%	60%	70%	80%	90%
2"	1.4	6	12	22	32	47	64	86	90
2.5"	1.9	8	19	32	48	70	93	124	130
3"	3	11	28	51	80	110	148	197	205
4"	6	23	53	93	143	207	282	377	395
5"	10	35	90	161	242	352	479	638	670
6'	15	57	132	238	359	519	708	944	990
8"	28	105	242	435	656	949	1293	1723	1808
10"	43	173	407	732	1103	1596	2140	2901	3045
12"	65	249	568	1020	1537	2225	3035	4047	4249
14"	86	314	732	1318	1988	2878	3924	5232	5446
16"	119	434	1013	1790	2699	3907	5328	7691	8076
18"	139	543	1268	1982	3464	5014	6840	9028	9652
20"	160	612	1352	2434	3853	5577	7660	9904	10399
24"	245	954	2227	4008	6045	8749	11933	15910	16013
ANSI 600									
SIZE	6"	8"	10"	12"	14"	16"	18"	20"	24"
Full Open	720	1450	2140	3350	4100	6035	7955	9940	14360
PRESSURE TEMPERATURE RATINGS (PSIG) ANSI B16.34									
Temperature	ANSI 150		ANSI 300		ANSI 600				
Fahrenheit	WCB	Stainless Steel	WCB	Stainless Steel	WCB	Stainless Steel			
80 to 100	285	275	740	720	1480	1440			
200	260	240	675	620	1350	1240			
300	230	215	655	560	1315	1120			
400	200	195	635	515	1270	1030			
500	170	170	600	480	1200	955			
600	140	140	550	450	1095	905			
650	125	125	535	445	1075	890			
700	110	110	535	430	1065	865			
750	95	95	505	425	1010	845			
800	80	80	410	415	825	830			
850	65	65	270	405	535	810			
900	50	50	170	395	345	790			
950	35	35	105	385	202	775			
1000	20	20	50	365	105	725			
1100				305		610			
1150				235		475			
1200				182		370			

Flow Line Valve and Controls, LLC

P.O. Box 677 · 110 Main Project Road · Schriever LA 70395 · Phone (985) 414-6004 · Fax (985) 414-6072