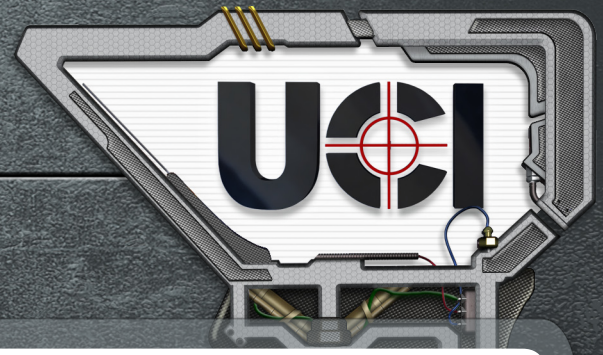
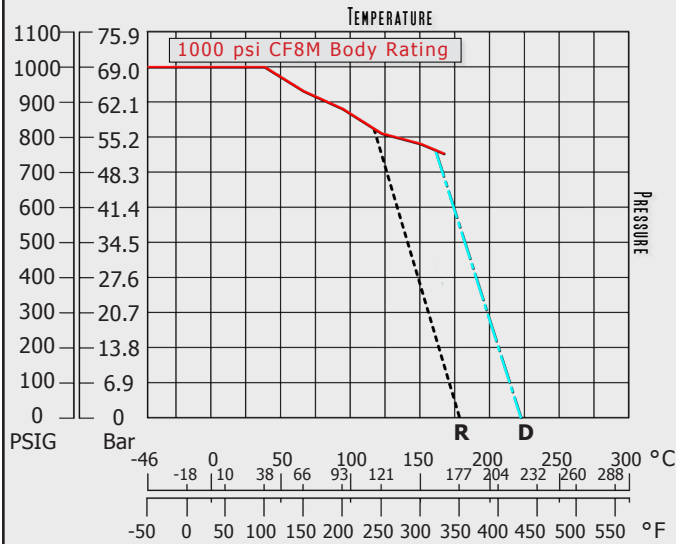


S3FV SERIES BALL VALVE

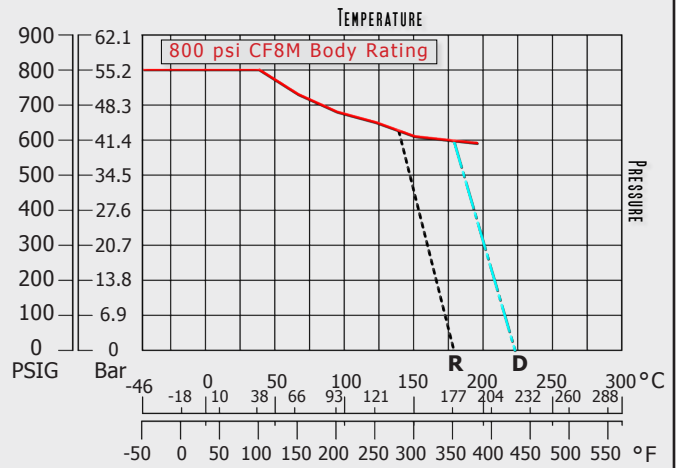


PRESSURE - TEMPERATURE CHART

1,000 PSI (1/2" to 2") Pressure-Temperature Chart



800 PSI (1/2" to 2") Pressure-Temperature Chart



Seat Material

D = 50% SS Filled PTFE, Standard

R = 15% Glass Filled, Special Order C/F

CV VERSUS VALVE OPENING PERCENTAGE

Size	V-Ball Angle	Class VI S/O	Low %	Control Zone								Full Open
				0%	10%	20%	30%	40%	50%	60%	70%	
1/2"	30-60	0.00	0.04	0.24	0.47	0.77	1.19	1.84	2.46	3.42	4.63	5.57
	60	0.00	0.04	0.29	0.74	1.11	1.83	2.91	4.31	7.01	9.45	12.79
	90	0.00	0.06	0.47	0.85	1.27	2.11	3.22	4.77	8.31	11.59	14.72
3/4"	30-60	0.00	0.07	0.29	0.63	1.02	1.56	2.44	3.26	4.52	6.12	7.31
	60	0.00	0.07	0.36	0.94	1.48	2.42	3.86	5.26	9.24	12.43	16.27
	90	0.00	0.08	0.61	1.10	1.71	2.69	4.27	6.25	10.85	15.30	19.39
1"	30-60	0.00	0.09	0.45	1.25	2.07	3.56	5.32	7.69	10.51	12.85	15.49
	60	0.00	0.10	0.70	1.75	2.77	5.14	8.01	11.89	18.71	23.23	32.81
	90	0.00	0.11	1.00	2.77	5.10	7.74	12.2	17.32	24.47	26.81	43.88
1-1/4"	30-60	0.00	0.05	0.47	1.35	2.49	4.13	6.11	8.81	11.75	14.86	17.36
	60	0.00	0.07	0.66	2.04	3.42	6.45	10.79	15.41	22.34	33.39	43.43
	90	0.00	0.08	0.80	2.91	5.52	10.23	17.27	19.51	34.93	51.75	65.82
1-1/2"	30-60	0.00	0.07	0.66	1.87	3.40	5.66	8.36	12.14	16.17	20.45	23.88
	60	0.00	0.09	0.93	2.82	4.70	8.89	14.84	21.16	30.73	45.87	59.75
	90	0.00	0.10	1.07	4.00	7.45	14.08	23.78	26.77	48.05	71.17	90.50
2"	30-60	0.00	0.09	1.19	3.80	7.53	12.27	17.85	26.45	36.46	48.10	55.84
	60	0.00	0.11	1.53	5.79	10.41	20.58	34.10	48.74	69.05	104.23	135.77
	90	0.00	0.17	1.90	7.28	13.59	25.37	42.30	55.55	87.04	129.77	167.36
3"	30-60	0.00	0.13	1.21	4.16	9.49	15.97	26.78	38.92	53.30	69.78	85.92
	60	0.00	0.15	2.91	6.73	15.81	29.38	46.34	73.58	106.72	149.89	193.22
	90	0.00	0.20	4.13	8.66	21.10	41.09	69.31	105.90	161.04	237.24	359.22
4"	30-60	0.00	0.16	1.75	7.84	18.61	35.21	58.61	87.88	127.45	158.53	196.34
	60	0.00	0.26	2.22	12.46	33.68	63.00	106.27	160.48	233.98	329.51	437.40
	90	0.00	0.35	4.36	19.70	50.31	91.82	157.45	240.50	365.15	546.65	830.90