CV at % Stem Travel

Piston Balanced High Pressure Control Valve

2" PISTON BALANCED HIGH PRESSURE CONTROL VALVE												
Trim Type	Trim Size	CF	Valve Opening Percentage									
			10	20	30	40	50	60	70	80	90	100
Equal Percentage	1.5"	0.75	0.6	1.3	2.2	3.4	5	8.6	14	21	26	29.6
	2"	0.76	2	4	6	8	11	20	33	45	51	53

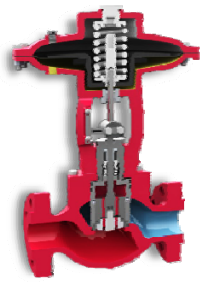
3" PISTON BALANCED HIGH PRESSURE CONTROL VALVE												
Trim Type	Trim Size	CF	Valve Opening Percentage									
			10	20	30	40	50	60	70	80	90	100
Equal Percentage	2"	0.75	2.9	4.9	7.4	9.5	12	17.4	28.9	40.8	48.1	52.6
	3"	0.75	4	6	10	13	16	26	54	83	97	107

4" PISTON BALANCED HIGH PRESSURE CONTROL VALVE												
Trim Type	Trim Size	CF	Valve Opening Percentage									
			10	20	30	40	50	60	70	80	90	100
Equal Percentage	3"	0.75	4	6	9	12	16	25	52	81	95	115
	4"	0.75	9	13	18	26	36	64	104	148	197	222

6" PISTON BALANCED HIGH PRESSURE CONTROL VALVE												
Trim Type	Trim Size	CF	Valve Opening Percentage									
			10	20	30	40	50	60	70	80	90	100
Equal Percentage	6"	0.75	7	20	45	78	108	140	222	318	399	431
	4"	0.75	9	13	18	26	36	64	104	148	197	222

CV at % Stem Travel

Piston Balanced High Pressure Control Valve



8" PISTON BALANCED HIGH PRESSURE CONTROL VALVE												
Trim Type	Trim Size	CF	Valve Opening Percentage									
			10	20	30	40	50	60	70	80	90	100
Equal Percentage	6"	0.75	47	60	90	106	119	139	173	243	294	453
	8"	0.75	51	53	235	362	485	584	665	699	745	810
Modified Percentage	8"	0.75	51	55	64	134	162	330	452	527	571	630

10" PISTON BALANCED HIGH PRESSURE CONTROL VALVE												
Trim Type	Trim Size	CF	Valve Opening Percentage									
			10	20	30	40	50	60	70	80	90	100
Equal Percentage	6"	0.75	26	37	46	53	56	58	104	146	655	655
	8"	0.75	28	72	420	509	632	678	769	814	832	1091
Modified Percentage	8"	0.75	21	22	27	103	209	429	596	663	695	884