

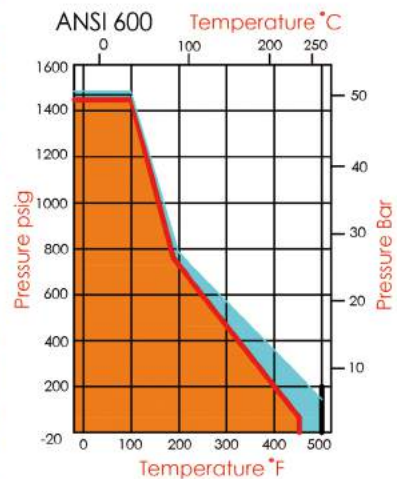
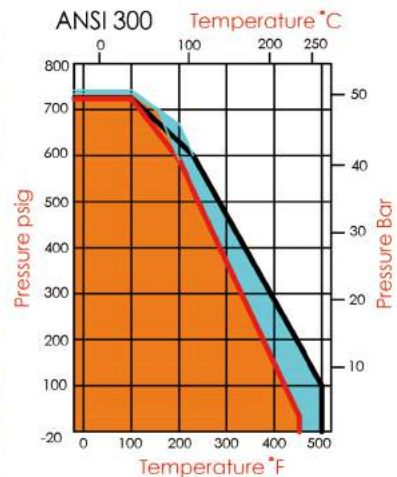
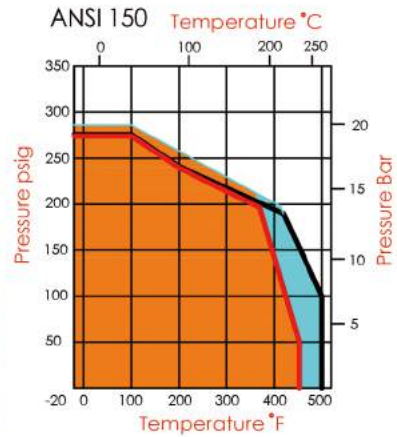
VALVE FLOW COEFFICIENTS

Cv (Coefficient of Volume) is the number of U.S. gallons per minute of water required to pass through a valve with a pressure drop of 1 psi. The chart below records this Cv factor for the HUAMEI valve classes and sizes at ten degree increments between open and closed. The values shown are for the valve installed in the seat upstream ("SUS") position.

Recommended control angles are between 25°-70°, 60°-65° are preferred.

VALVE SIZE		Class	Disc Position (degrees)									
mm	ins		10°	20°	30°	40°	50°	60°	70°	80°	90°	
50	2"	150	1.6	6	14	26	40	55	76	99	103	
		300	1.5	6	13	25	37	51	70	95	99	
		600	1.5	5	13	24	36	50	69	90	92	
65	2½"	150	3	9	17	30	50	79	100	135	160	
		300	3	9	17	29	48	79	100	135	160	
		600	2.8	8	15	29	48	78	99	130	155	
80	3"	150	4.7	14	32	56	87	124	156	178	185	
		300	4.7	14	32	56	87	124	156	178	185	
		600	3	8	12	46	67	103	135	158	165	
100	4"	150	10	30	62	116	175	251	315	365	375	
		300	10	30	62	116	175	251	315	365	375	
		600	5	28	45	72	95	150	210	272	305	
125	5"	150	16	42	79	145	238	365	502	678	795	
		300	16	42	79	145	238	365	502	678	795	
		600	16	42	79	145	238	365	502	678	795	
150	6"	150	37	85	142	220	335	515	760	1080	1360	
		300	27	80	138	225	360	520	720	880	1050	
		600	16	72	132	205	280	435	620	780	870	
200	8"	150	68	170	285	460	690	1070	1610	2250	2830	
		300	48	123	242	410	640	930	1350	1720	2010	
		600	21	79	212	350	490	760	1060	1350	1510	
250	10"	150	105	255	460	710	1070	1650	2440	3470	4320	
		300	63	153	300	515	785	1210	1750	2260	2660	
		600	42	140	305	510	710	1100	1530	1960	2200	
300	12"	150	160	395	710	1090	1640	2540	3760	5350	6660	
		300	95	225	435	710	1100	1690	2510	3420	4000	
		600	57	193	410	680	1010	1550	2170	2800	3100	
350	14"	150	180	450	810	1250	1890	2910	4320	6100	7650	
		300	102	243	495	835	1210	1780	2610	3500	4120	
		600	70	202	425	735	1100	1570	2410	3300	3900	
400	16"	150	235	580	1030	1550	2430	3710	5500	7870	9820	
		300	180	420	730	1170	1840	2980	4560	6540	7810	
		600	97	250	510	800	1210	1910	2900	4210	5020	
450	18"	150	180	520	1190	2240	3530	5110	6980	9120	10520	
		300	100	450	1080	1980	3100	4540	6180	8020	9500	
		600	120	300	660	1210	1920	2800	3950	5100	6050	
20"	150	210	650	1540	2830	4510	6500	8800	11700	13550		
	300	115	540	1250	2340	3730	5400	7310	9580	11000		
	600	140	410	940	1700	2700	3920	5300	6950	8050		
24"	150	245	930	2210	3890	6650	9570	12800	17500	20000		
	300	185	830	2010	3700	5930	8570	11400	15100	18050		
	600	180	510	1210	2260	3600	5200	7000	9310	11000		
26"	150	260	950	2230	3900	6750	9600	12900	17300	24000		
28"	150	290	1300	3120	5800	9350	13600	18300	24000	28100		
30"	150	320	1520	3600	6750	10700	15600	21000	27400	32200		
	300	285	1320	3210	6010	8500	13710	18900	24400	28500		
	600	150	340	1620	3840	6160	11400	16500	22300	29200	34100	
32"	150	380	2050	4900	8250	14500	19700	25300	32000	37500		
	300	150	470	2650	5440	10200	16420	23200	31800	41100	48600	
	600	150	370	1710	4650	9100	14800	21200	29300	38000	45200	
40"	150	660	3510	8600	15200	23800	33200	43900	55300	62100		
	300	150	710	3710	9020	16000	25000	35100	46200	58100	65000	
	600	460	2650	7520	13000	19000	30100	42200	54100	60000		
48"	150	920	4600	10050	20000	29000	43600	63800	81000	91100		
	300	800	4450	10000	17000	26000	41000	58100	74000	83100		
	600	150	1250	6000	15000	27500	40100	60200	87600	111000	125500	

PRESSURE/TEMPERATURE



- Carbon steel bodies RPTFE Seats
- Stainless steel bodies RPTFE Seats
- Carbon steel bodies PTFE Seats
- Stainless steel bodies PTFE Seats