

Cv Value of Cast Gate Valve						
Unit : GPM						
Size	Class					
	150#	300#	600#	900#	1500#	2500#
NPS	Cv	Cv	Cv	Cv	Cv	Cv
1/2"	16	16	16	16	16	12
3/4"	38	38	38	32	32	21
1 "	70	70	70	53	53	39
1 1/4"	111	111	111	89	89	71
1 1/2"	164	164	164	137	137	92
2 "	307	307	307	268	268	173
2 1/2"	492	492	492	399	399	276
3 "	709	709	709	649	596	399
4"	1,297	1,297	1,297	1,214	1,062	668
5"	2,089	2,089	2,089	1,886	1,596	1,095
6"	3,107	3,107	3,107	2,854	2,489	1,648
8"	5,718	5,718	5,534	5,026	4,378	2,954
10"	8,934	8,934	8,493	7,844	6,840	4,696
12"	13,351	13,351	12,801	11,465	9,970	6,889
14"	16,277	16,277	15,357	13,913	11,986	8,368
16"	21,562	21,562	20,172	18,172	15,669	10,955
18"	28,715	27,889	26,273	23,938	20,627	14,481
20"	35,760	34,837	32,141	29,554	25,860	17,587
22"	43,577	42,557	39,065	35,760	31,267	21,338
24"	52,165	51,049	46,707	42,557	37,148	25,483
26"	62,996	62,996	56,853	52,167	45,514	31,293
28"	73,478	73,478	65,541	60,501	53,319	36,386
30"	84,767	84,767	75,506	69,453	61,095	41,823
36"	119,969	119,969				

Cv Value of Cast Globe Valve							Unit : GPM
Size	Class						
	150#	300#	600#	900#	1500#	2500#	
NPS	Cv	Cv	Cv	Cv	Cv	Cv	
1/2"	2	2	2	2	2	2	
3/4"	6	6	6	5	5	3	
1 "	11	11	11	8	8	6	
1 1/4"	17	17	17	14	14	11	
1 1/2"	25	25	25	21	21	14	
2 "	47	47	47	41	41	26	
2 1/2"	76	76	76	62	62	42	
3 "	109	109	109	100	91	61	
4"	199	199	199	186	163	102	
5"	320	320	320	289	245	168	
6"	477	477	477	438	382	253	
8"	877	877	849	771	672	453	
10"	1,370	1,370	1,303	1,203	1,049	720	
12"	2,048	2,048	1,964	1,759	1,529	1,057	
14"	2,497	2,497	2,356	2,134	1,839	1,284	
16"	3,308	3,308	3,094	2,788	2,404	1,680	
18"	4,405	4,278	4,030	3,672	3,164	2,221	
20"	5,485	5,344	4,930	4,533	3,967	2,698	
22"	6,684	6,528	5,992	5,485	4,796	3,273	
24"	8,002	7,831	7,165	6,528	5,698	3,909	
26"	9,857	9,663	8,721	8,002	6,982	4,800	
28"	11,481	11,271	10,053	9,280	8,179	5,581	
30"	13,228	13,003	11,582	10,654	9,372	6,415	

Cv Value of Cast Swing Check Valve						
Unit : GPM						
Size	Class					
	150#	300#	600#	900#	1500#	2500#
NPS	Cv	Cv	Cv	Cv	Cv	Cv
1/2"	11	11	11	11	11	8
3/4"	24	24	24	20	20	13
1 "	44	44	44	33	33	25
1 1/4"	70	70	70	57	57	45
1 1/2"	104	104	104	87	87	58
2 "	194	194	194	170	170	109
2 1/2"	311	311	311	252	252	174
3 "	449	449	4489	410	377	252
4"	820	820	820	768	672	422
5"	1,321	1,321	1,321	1,193	1,009	693
6"	1,965	1,965	1,965	1,805	1,574	1,042
8"	3,616	3,616	3,500	3,178	2,769	1,868
10"	5,651	5,651	5,372	4,961	4,326	2,970
12"	8,444	8,444	8,096	7,251	6,306	4,357
14"	10,295	10,295	9,713	8,799	7,581	5,292
16"	13,637	13,637	12,758	11,493	9,910	6,929
18"	18,161	17,639	16,616	15,140	13,045	9,159
20"	22,617	22,033	20,328	18,691	16,355	11,123
22"	27,560	26,916	24,707	22,617	19,775	13,495
24"	32,992	32,287	29,540	26,916	23,494	16,117
26"	40,643	39,842	35,957	32,993	28,786	19,791
28"	47,336	46,472	41,452	38,264	33,722	23,013
30"	54,540	53,611	47,754	43,926	38,640	26,451

Cv Value of Forged Valve					
Unit : GPM					
VALVE TYPE	CLASS	150#~800#	900#	1500#	2500#
	SIZE	Cv	Cv	Cv	Cv
GATE	1/4"	2.59	3.20	3.20	3.20
	3/8"	6.65	6.65	6.65	6.65
	1/2"	12.64	7.28	7.28	4.43
	3/4"	12.64	13.34	13.34	13.34
	1 "	24.27	29.28	15.74	29.28
	1 1/4"	68.97	53.70	53.70	53.70
	1 1/2"	68.97	68.97	69.71	69.71
	2 "	116.36	127.14	127.14	127.14
GLOBE & LIFT CHECK & NEEDLE	1/4"	0.55	0.70	0.70	0.70
	3/8"	0.58	0.92	0.92	0.92
	1/2"	1.32	1.85	1.85	1.85
	3/4"	2.47	3.51	3.51	3.51
	1 "	4.91	5.87	5.87	5.87
	1 1/4"	15.00	10.57	10.57	10.57
	1 1/2"	15.00	17.06	16.95	16.95
	2 "	25.43	25.43	25.43	20.93
SWING CHECK	1/4"				
	3/8"				
	1/2"	2.09			
	3/4"	3.91			
	1 "	9.15			
	1 1/4"	15.17			
	1 1/2"	21.92			
	2 "	36.54			