

Typical
VALVES

CAPEX CANADA INC., FROM ITS WORLD WIDE SOURCING OF VALVE MANUFACTURERS, SUPPLIES

OF THE MOST COMMON VALVES AND SIZES REQUIRED IN THE PIPING INDUSTRY WHICH CAPEX CAN SUPPLY:

GLOBE 150# TO 24"
300# TO 16"
600# TO 16"
900# TO 16"
1500# TO 16"
2500# TO 12"

GATE 150# TO 56"
300# TO 48"
600# TO 48"
900# TO 24"
1500# TO 24"
2500# TO 12"

CHECK 150# TO 64"
300# TO 54"
600# TO 54"
900# TO 36"
1500# TO 36"
2500# TO 20"

IN ADDITION TO THOSE LISTED ABOVE CAPEX ALSO CAN
SUPPLY THE FOLLOWING VALVES IN MANY SIZES:

BALL, ANGLE, DIAPHRAM, BUTTERFLY, PLUG, KNIFE, WAFER NEEDLE, SAFETY RELIEF,
PRESSURE SEAL, Y PATTERN STRAINER AND VALVES FOR CRYOGENIC SERVICE.

DEPENDING UPON THE SIZE AND TYPE OF DESIGN THE ABOVE VALVES CAN BE EITHER
FORGED OR CAST AND SUPPLIED IN MANY OF THE FOLLOWING METALS TO SATISFY THE
REQUIREMENTS OF GAS AND OIL, CHEMICAL AND PETROCHEMICAL INDUSTRIES, INCLUDING
SOUR GAS, CHLORINE AND HYDROGEN SERVICES.

A 105

A 350 LFI AND LF3

A 182 F1, F11, F22, F5 AND F9

STAINLESS STEEL TYPES: 304, 304L, 310, 347, 321, 347, 321, 316 AND 316 L.

NICKEL ALLOY: MONEL, INCONEL AND INCOLOY

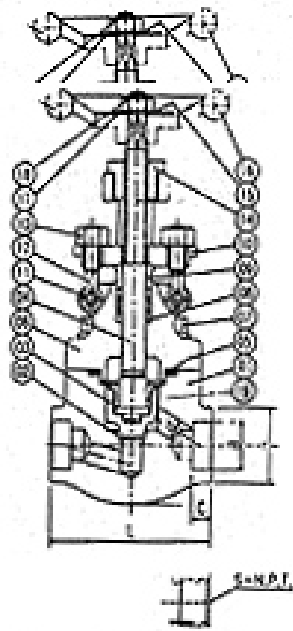
TITANIUM

HASTELLOY

ALLOY 20

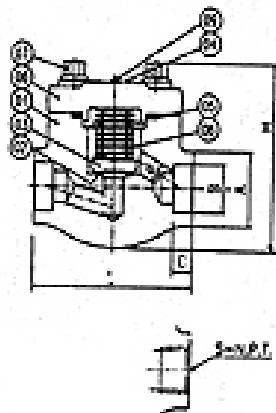
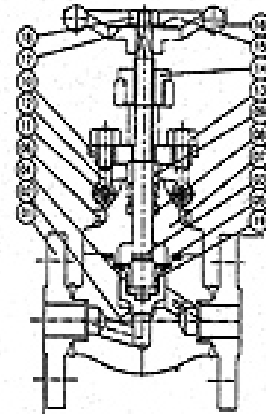
BRONZE

BRASS



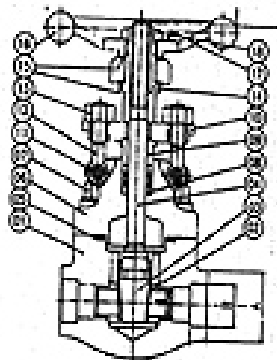
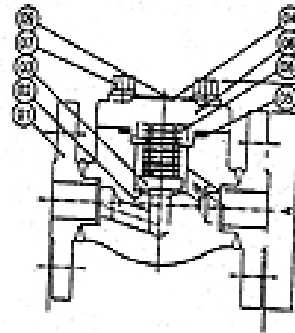
GLOBE

No.	Part Name
01	Body
02	Seat Facing
03	Disc
04	Stem
05	Bonnet Gasket
06	Bonnet
07	Bonnet Bolt
08	Packing Ring
09	Gland
10	Gland Flange
11	Pin
12	Gland Bolt
13	Gland Nut
14	Stem Nut
15	Washer
16	Handwheel
17	Name Plate
18	Handwheel Nut
19	Disc Nut



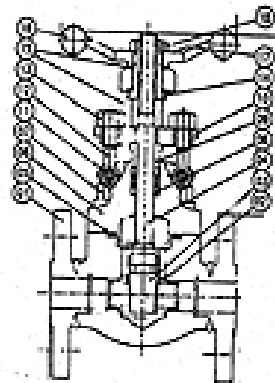
CHECK VALVE

No.	Part Name
01	Body
02	Seat Facing
03	Disc
04	Name Plate
05	Cap Gasket
06	Cap
07	Cap Bolt
08	Spring
09	Name Plate Screw



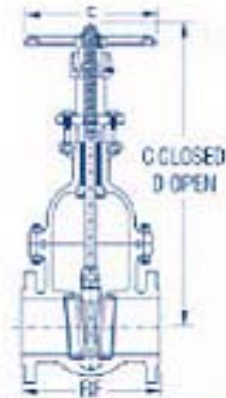
GATE

No.	Part Name
01	Body
02	Seat
03	Wedge
04	Stem
05	Bonnet Gasket
06	Bonnet
07	Bonnet Bolt
08	Packing Ring
09	Gland
10	Gland Flange
11	Pin
12	Gland Bolt
13	Gland Nut
14	Stem Nut
15	Washer
16	Handwheel
17	Name Plate
18	Handwheel Nut



GATE VALVES

600 LB.	1500 LB.
900 LB.	2500 LB.



VALVE DIMENSIONS AND WEIGHTS

		2"	2.5"	3"	4"	6"	8"	10"	12"	
600 LB.	End to End RF-BW	11.5	13.0	14.0	17.0	22.0	26.0	31.0	33.0	
	End to End RTJ	11.625	13.125	14.125	17.125	22.125	26.125	31.125	33.125	
	C- Closed	18.3	17.6	23.2	27.0	32.1	41.4	42.8	49.1	
	D- Open	20.74	20.8	26.98	32.0	38.8	50.06	53.43	61.1	
	E	11.81	10.0	15.75	15.75	23.62	31.5	43.3	43.3	
	WEIGHTS									
	RF	97.00	105.8	178.6	296.8	646.1	1122	1673	2282	
	BW	79.37	85.68	156.6	246.9	540.0	965.4	1369	1993	
		14"	16"	18"	20"	24"	30"	36"	42"	
	End to End RF-BW	35.0	39.0	43.0	47.0	55.0	65.0	82.0	95.0	
End to End RTJ	35.125	39.125	43.125	47.25	55.375	65.5	82.625	-		
C- Closed	62.8	67.7	77.75	84.25	93.5	120.8	128.9	151.6		
D- Open	70.6	84.2	96.65	102.75	117.1	151.5	165.5	181.75		
E	78.7	78.7	78.7	78.7	78.7	36.0	36.0	36.0		
WEIGHTS										
RF	3175	3968	5652	6856	10156	17786	16358	22884		
BW	2838	3406	5306	6029	9126	-	14727	-		

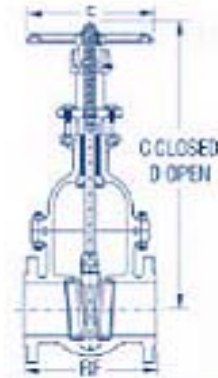
		2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	
900 LB.	End to End RF-BW	14.5	16.5	15.0	18.0	24.0	29.0	33.0	38.0	40.5	44.5	
	End to End RTJ	14.625	16.625	15.125	18.125	24.125	29.125	33.125	38.125	40.875	44.875	
	C- Closed	19.9	20.9	24.2	29.9	37.8	47.0	52.56	54.7	60.8	72.44	
	D- Open	22.6	24.2	27.94	34.62	44.66	55.66	62.79	66.9	73.8	87.99	
	E	12.0	14.0	15.75	19.7	31.5	43.3	43.3	78.7	78.7	78.7	
	WEIGHTS											
	RF	196.2	242.5	257.7	454.1	914.9	1689	2315	3197	3665	5786	
	BW	158.7	198.4	220.4	396.8	776.0	1459	2006	2778	-	4841	

		2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	
1500 LB.	End to End RF-BW	14.5	16.5	18.5	21.5	27.75	32.75	39.0	44.5	49.5	54.5	
	End to End RTJ	14.625	16.625	18.625	21.625	28.0	33.125	39.375	45.125	50.25	55.375	
	C- Closed	21.85	20.9	21.58	30.15	39.5	48.0	55.1	57.6	66.0	63.8	
	D- Open	24.8	24.2	29.59	35.05	45.4	54.46	64.74	68.82	79.0	77.55	
	E	15.75	14.0	19.7	23.62	31.5	43.3	78.7	78.7	36.0	36.0	
	WEIGHTS											
	RF	213.6	242.5	392.4	634.9	1523	2566	4078	5787	4299	4542	
	BW	167.5	198.4	321.9	560.0	1296	2271	3506	5225	-	3594	

		2"	3"	4"	6"	8"	10"	12"	
2500 LB.	End to End RF-BW	17.75	22.75	26.50	36.0	40.25	50.0	56.0	
	End to End RTJ	17.875	23.0	26.875	36.5	40.875	50.875	56.875	
	C- Closed	24.8	28.97	30.11	44.68	-	66.53	76.77	
	D- Open	27.47	32.71	33.62	51.17	-	74.98	85.62	
	E	15.74	31.40	31.40	43.30	-	-	-	
	WEIGHTS								
	RF	399.0	736.3	1829	2633	-	-	-	
	BW	-	-	-	-	-	-	-	

GATE VALVES

600 Lb. **1500 Lb.**
900 Lb. **2500 Lb.**

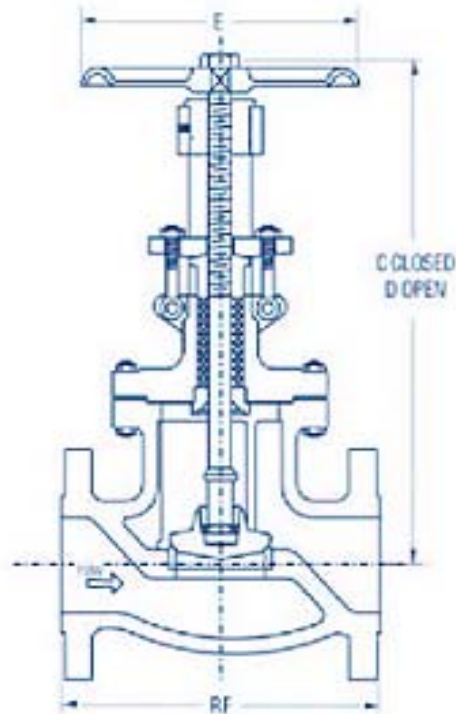


		VALVE DIMENSIONS AND WEIGHTS										
		2"	2.5"	3"	4"	6"	8"	10"	12"			
600 LB.	End to End RF-BW	11.5	13.0	14.0	17.0	22.0	26.0	31.0	33.0			
	End to End RTJ	11.625	13.125	14.125	17.125	22.125	26.125	31.125	33.125			
	C - Closed	18.3	17.6	23.2	27.0	32.1	41.4	42.8	49.1			
	D - Open	20.74	20.8	26.98	32.0	38.8	50.06	53.43	61.1			
	E	11.81	10.0	15.75	15.75	23.62	31.5	43.3	43.3			
	WEIGHTS											
	RF	97.00	105.8	178.6	299.8	648.1	1122	1673	2282			
	BW	79.37	85.68	156.6	246.9	540.0	965.4	1399	1993			
			14"	16"	18"	20"	24"	30"	36"	42"		
End to End RF-BW	35.0	39.0	43.0	47.0	55.0	65.0	82.0	95.0				
End to End RTJ	35.125	39.125	43.125	47.25	55.375	65.5	82.625	-				
C - Closed	62.8	67.7	77.75	84.25	93.5	120.8	128.9	151.6				
D - Open	76.6	84.2	96.65	102.75	117.1	151.5	165.6	181.75				
E	78.7	78.7	78.7	78.7	78.7	36.0	36.0	39.0				
WEIGHTS												
RF	3175	3668	5652	6856	10158	17786	16358	22884				
BW	2838	3406	5309	6029	9126	-	14727	-				
		2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	
900 LB.	End to End RF-BW	14.5	16.5	15.0	18.0	24.0	29.0	33.0	38.0	40.5	44.5	
	End to End RTJ	14.625	16.625	15.125	18.125	24.125	29.125	33.125	38.125	40.875	44.875	
	C - Closed	19.9	20.9	24.2	29.9	37.8	47.0	52.59	54.7	60.8	72.44	
	D - Open	22.6	24.2	27.94	34.62	44.69	55.66	62.79	66.9	73.8	87.99	
	E	12.0	14.0	15.75	19.7	31.5	43.3	43.3	78.7	78.7	78.7	
	WEIGHTS											
	RF	195.2	242.5	257.7	454.1	914.9	1689	2315	3197	3665	5789	
	BW	158.7	198.4	220.4	396.8	776.0	1459	2006	2778	-	4841	
			2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"
	1500 LB.	End to End RF-BW	14.5	16.5	18.5	21.5	27.75	32.75	39.0	44.5	49.5	54.5
End to End RTJ		14.625	16.625	18.625	21.625	28.0	33.125	39.375	45.125	50.25	55.375	
C - Closed		21.85	20.9	21.58	30.15	39.5	46.0	55.1	57.6	66.0	63.8	
D - Open		24.8	24.2	29.59	35.05	45.4	54.46	64.74	68.82	79.0	77.55	
E		15.75	14.0	19.7	23.62	31.5	43.3	78.7	78.7	36.0	36.0	
WEIGHTS												
RF		213.6	242.5	302.4	634.9	1523	2566	4078	5767	4299	4542	
BW		167.5	198.4	321.9	560.0	1298	2271	3506	5225	-	3694	
			2"	3"	4"	6"	8"	10"	12"			
2500 LB.		End to End RF-BW	17.75	22.75	26.50	36.0	40.25	50.0	56.0			
	End to End RTJ	17.875	23.0	26.875	36.5	40.875	50.875	56.875				
	C - Closed	24.8	28.97	30.11	44.88	-	66.53	76.77				
	D - Open	27.47	32.71	33.92	51.17	-	74.99	85.62				
	E	15.74	31.40	31.49	43.30	-	-	-				
	WEIGHTS											
RF	399.0	736.3	1829	2833	-	-	-					
BW	-	-	-	-	-	-	-					

GLOBE VALVES

150 LB.

300 LB.



VALVE DIMENSIONS AND WEIGHTS

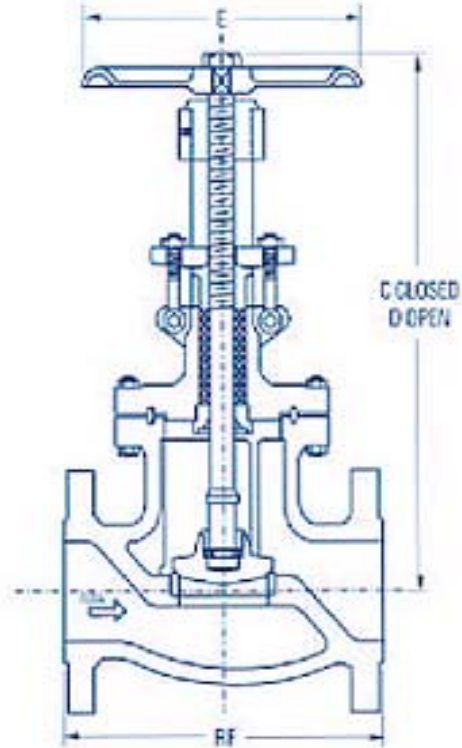
		2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"
150 LB.	End to End RF-BW	8.0	8.5	9.5	11.5	16.0	19.5	24.5	27.5	31.0	36.0	37.44	38.5
	C- Closed	15.18	15.3	17.2	20.51	22.5	25.88	28.03	35.62	33.38	46.58	52.7	45.58
	D- Open	16.16	16.378	18.77	22.16	24.67	29.67	32.78	40.81	38.73	57.32	60.2	57.32
	E	11.81	11.81	11.81	11.81	23.62	23.62	31.49	31.49	78.74	36.0	36.0	36.0
	WEIGHTS	RF BW	57.32 46.30	72.75 59.29	92.59 72.75	147.7 112.4	251.3 218.0	396.8 357.1	659.2 593.0	923.7 862.0	1184 1065	1784 1583	2344 2133
		2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"		
300 LB.	End to End RF-BW	10.5	11.5	12.5	14.0	17.5	22.0	24.5	28.0	34.0	38.0		
	End to End RTJ	11.125	12.125	13.125	14.825	18.125	22.625	25.125	28.625	34.625	36.625		
	C- Closed	15.15	15.3	18.81	21.77	24.05	27.08	33.42	45.98	43.85	57.87		
	D- Open	16.8	17.0	20.26	23.65	27.0	31.64	36.92	50.38	49.75	66.49		
	E	11.81	11.81	11.81	15.74	23.62	31.49	31.49	43.3	78.74	38.0		
WEIGHTS	RF BW	74.95 57.32	99.21 79.40	132.3 108.0	194.0 143.3	372.6 319.7	562.2 489.6	837.0 811.4	1510 1343	1911 1669	2465 2150		

GLOBE VALVES

600 LB.

900 LB.

1500 LB.

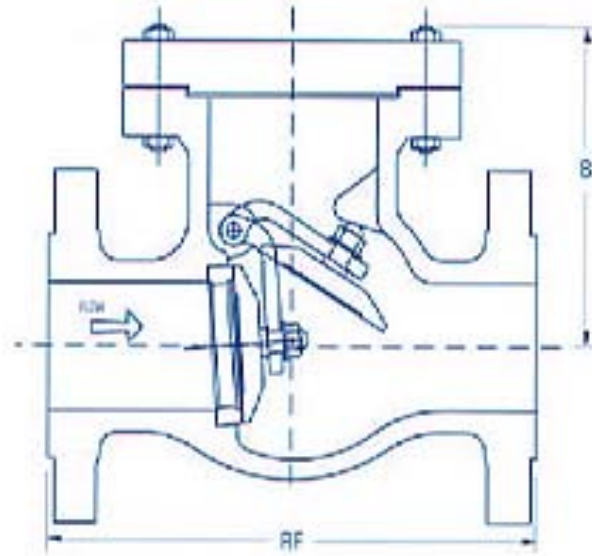


VALVE DIMENSIONS AND WEIGHTS

		2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"
600 LB.	End to End RF-BW	11.5	13.0	14.0	17.0	22.0	26.0	31.0	33.0	35.0	39.0
	End to End RTJ	11.625	13.125	14.125	17.125	22.125	26.125	31.125	33.125	35.125	39.125
	C- Closed	18.08	20.5	21.92	26.45	36.96	42.50	48.96	60.55	60.55	66.57
	D- Open	18.98	21.85	23.92	29.42	40.18	46.90	54.12	66.14	66.14	74.94
	E	11.81	15.74	15.74	23.62	31.49	43.3	43.3	43.3	36.0	36.0
	WEIGHTS	RF BW	101.4 83.77	134.5 112.4	180.8 152.1	317.5 273.4	698.9 579.9	1212 1089	1940 1686	2645 2283	3307 2965
		2"	2.5"	3"	4"	6"	8"	10"	12"		
900 LB.	End to End RF-BW	14.5	18.5	15.0	18.0	24.0	29.0	33.0	38.0		
	End to End RTJ	14.625	18.625	15.125	18.125	24.125	29.125	33.125	38.125		
	C- Closed	22.15	25.8	26.10	29.44	43.85	48.03	56.61	63.70		
	D- Open	24.35	27.5	28.24	33.21	47.78	53.1	63.3	70.94		
	E	23.62	18.0	23.62	23.62	31.5	43.3	78.74	53.15		
	WEIGHTS	RF BW	199.2 165.3	286.6 233.7	264.5 229.3	476.2 432.1	1146 1023	1817 1696	2976 2747	3748 3439	
		2"	2.5"	3"	4"	6"	8"	10"			
1500 LB.	End to End RF-BW	14.5	16.5	18.5	21.5	27.75	32.75	39.0			
	End to End RTJ	14.625	16.625	18.625	21.625	28.0	33.125	39.375			
	C- Closed	22.15	25.8	27.44	32.16	47.44	59.05	65.7			
	D- Open	24.35	27.5	31.06	36.01	50.58	65.03	69.7			
	E	23.62	18.0	31.49	31.49	78.74	78.74	36.0			
	WEIGHTS	RF BW	211.6 189.7	295.4 233.7	414.5 352.8	675.8 590.8	1808 1621	2425 2099	3946 3395		

CHECK VALVES

150 LB.
300 LB.



VALVE DIMENSIONS AND WEIGHTS

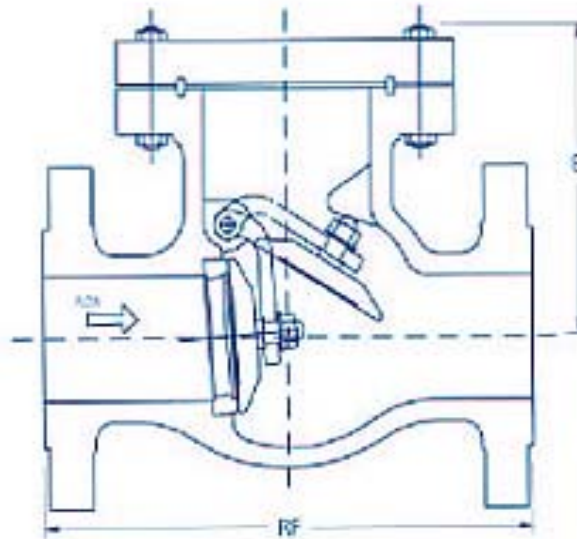
		2"	2.5"	3"	4"	5"	6"	8"	10"	12"	14"	
150 LB.	End to End RF-BW	8.0	8.5	9.5	11.5	13.0	14.0	19.5	24.5	27.5	31.0	
	B - Center to Top	8.45	8.8	7.71	8.03	-	10.19	11.81	13.85	15.11	17.20	
	WEIGHTS	RF	42.99	50.71	72.75	101.4	136.7	185.2	315.3	496.0	723.1	999.9
		BW	31.96	35.27	50.71	79.36	-	152.1	273.4	438.6	637.2	870.8
			16"	18"	20"	24"	30"	34"	36"	40"	42"	
	End to End RF-BW	34.0	38.5	38.5	51.0	60.0	65.0	77.0	77.0	82.0		
	B - Center to Top	18.89	20.98	21.85	24.21	30.74	39.4	36.57	-	37.4		
	WEIGHTS	RF	1281	1556	1896	2875	4696	7716	6724	10912	10803	
		BW	1128.7	1402	1695	2590	4386	-	-	-	-	
			2"	2.5"	3"	4"	6"	8"	10"	12"		
300 LB.	End to End RF-BW	10.5	11.5	12.5	14.0	17.5	21.0	24.5	28.0			
	End to End RTJ	11.125	12.125	13.125	14.625	18.125	21.625	25.125	28.625			
	B - Center to Top	7.4	7.4	9.17	10.31	11.96	13.70	16.14	17.63			
	WEIGHTS	RF	52.91	74.96	99.21	156.5	275.6	463.0	716.5	1056		
		BW	39.68	55.12	72.78	114.6	20.5	379.2	590.9	868.4		
			14"	16"	18"	20"	24"	30"	36"			
	End to End RF-BW	33.0	34.0	38.5	40.0	53.0	62.75	82.0				
	End to End RTJ	33.625	34.625	39.125	40.75	53.875	-	-				
	B - Center to Top	18.66	21.45	23.38	24.37	27.59	37.32	42.99				
	WEIGHTS	RF	1323	1319	2350	2718	4541	8080	11574			
BW		1072	1504	2019	2233	3951	-	-				

CHECK VALVES

600 LB.

900 LB.

1500 LB.



VALVE DIMENSIONS AND WEIGHTS

		2"	2.5"	3"	4"	5"	6"	8"	10"	
600 LB.	End to End RF-BW	11.5	13.0	14.0	17.0	22.0	26.0	31.0		
	End to End RTJ	11.625	13.125	14.125	17.125	22.125	26.125	31.125		
	B - Center to Top	7.95	8.5	9.84	11.85	14.29	17.0	19.60		
	WEIGHTS	RF	74.98	105.8	143.3	253.5	474.0	881.8	1323	
		BW	52.92	83.78	119.0	200.6	365.9	736.3	1067.7	
			12"	14"	16"	18"	20"	24"	30"	36"
	End to End RF-BW	33.0	35.0	39.0	43.0	47.0	55.0	65.0	82.0	
	End to End RTJ	33.125	35.125	39.125	43.125	47.25	53.37	-	82.6	
	B - Center to Top	18.0	22.75	25.98	31.14	31.68	35.39	41.1	51.06	
WEIGHTS	RF	1737	2337	3155	4409	5412	8444	12434	20525	
	BW	1448	1965	2624	3818	4599	7414	10560	-	

		2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	
900 LB.	End to End RF-BW	14.5	16.5	15.0	18.0	24.0	29.0	33.0	38.0	40.5	44.5	
	End to End RTJ	14.625	16.625	15.125	18.125	24.125	29.125	33.125	38.125	40.875	44.875	
	B - Center to Top	10.0	11.2	11.18	13.62	18.3	19.21	22.48	24.05	24.05	32.72	
	WEIGHTS	RF	159.7	242.5	196.2	369.3	701.1	1208	2138	2822	4104	5071
		BW	121.3	189.6	152.1	52.9	167.5	229.5	1807	2403	-	-

		2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"	
1500 LB.	End to End RF-BW	14.5	16.5	18.5	21.5	27.75	32.75	39.0	44.5	49.5	54.5	
	End to End RTJ	14.625	16.625	18.625	21.625	28.0	33.125	39.375	45.125	50.25	55.375	
	B - Center to Top	10.0	11.2	13.0	15.7	19.75	23.27	26.97	32.75	31.1	33.5	
	WEIGHTS	RF	158.7	242.5	372.6	651.4	1318	2187	3574	5842	-	7958
		BW	121.3	189.6	315.3	579.9	1168.3	1851	3022	5033	-	6448

$$K_v = C_v \times 0.85$$

$$\frac{m^3/n}{\sqrt{kg/cm^2}}$$

A valve coefficient Cv is used to calculate pressure drop through a particular valve for a given flow rate. The coefficient of flow Cv expresses the rate of flow in gallons per minute at 60°F water with a pressure drop of 1 psig. across the valve.
The Cv Coefficients for the various types and sizes, shown in table, have been determined from calculations and actual flow tests.

FOR LIQUIDS

$$(1) Q_L = C_v \sqrt{\frac{\Delta P}{G_L}} \quad (2) \Delta P = G_L \left(\frac{Q_L}{C_v} \right)^2$$

WHERE: Q_L = Flow in U.S. Gallons per minute.
 ΔP = $(P_1 - P_2)$ Pressure Drop in psi
 G_L = Specific Gravity of Liquid (Water = 1 at 60°F)

FOR GASES

$$(3) Q_g = 1360 C_v \sqrt{\frac{\Delta P}{G_g T}} + \sqrt{\frac{P_1 + P_2}{2}}$$

WHERE: Q_g = Volumetric Flow of Gas (SCFH)
 G_g = Specific Gravity of Gas at Standard Conditions (Air at atm. and 60°F = 1)
 T = Absolute Temperature of Gas (°F + 460)

$$(4) \Delta P = P_1 - \sqrt{P_1^2 - 2 G_g T \left(\frac{Q_g}{1360 C_v} \right)^2}$$

FOR STEAM

$$(5) W = \frac{2.1}{1 + 0.0007 T_g} C_v \sqrt{\Delta P (P_1 + P_2)}$$

WHERE: $K = \left(\frac{1 + 0.0007 T_g}{2.1 C_v} \right) \cdot W$

AND W = Pounds per hour of Steam
 ΔP = $(P_1 - P_2)$ Pressure drop in psi
 T_g = Degree of Superheat (°F)

$$(6) \Delta P = P_1 - \sqrt{P_1^2 - K^2}$$

NOTE: For Saturated Steam $T_g = 0$

NOTE: For Gas and Steam Max. $\Delta P = \frac{1}{2} P_1$ and Min. $P_2 = \frac{1}{2} P_1$ and P_1, P_2 are absolute pressures (PSIA)
 P_1 = Inlet Pressure P_2 = Outlet Pressure

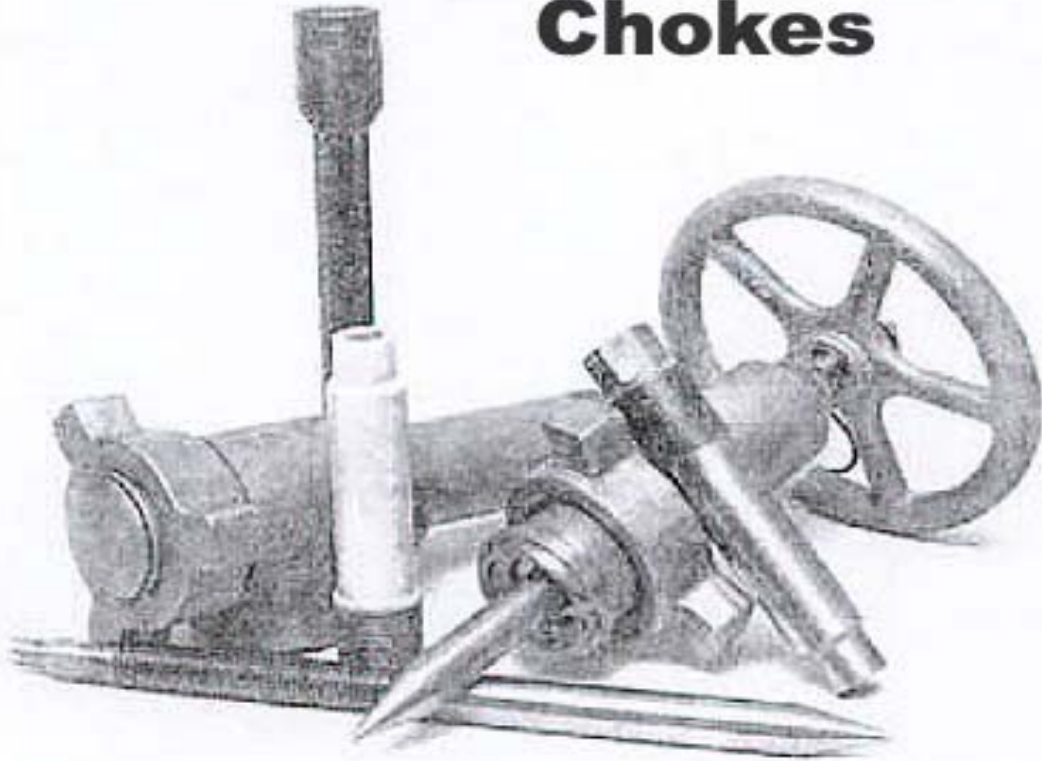
Size	FORGED CV FLOW COEFFICIENT TABLE													
	Welded or Bolted Bonnet Gate Valves Standard Port		Full Port Gate Valves	Pressure Seal Gate Valves			Globe Bolted Pressure Seal Stop		Stop Globe Bonnetless	Check Valves Piston Swing		Globe Bellows Seal	Diaphragm Valves	Check Inclined
Pressure Class	150-600 Lb.	900-1500 Lb.	800 1500 Lb.	600 Lb.	900-1500 Lb.	2500 Lb.	150-600 Lb.	900-1500-2500 Lb.	600-2500 Lb.	600-2500 Lb.		150-1500 Lb.	2500 PSI 600° F	600-2500 Lb.
1/4, 3/8	2.6	2.6	2.6	-	-	-	2	1.5	-	-	-	-	-	-
1/2	13	13	13	-	-	-	3	2	7	2	7	6	6	7
3/4	14	14	22	-	-	-	4	4	8	4	8	6	7	8
1	30	30	34	-	-	-	7	10	12	10	9	8	14	12
1 1/4	85	85	92	-	-	-	11	19	24	19	35	25	20	24
1 1/2	100	100	110	-	-	-	11	19	25	19	40	25	23	25
2	160	160	200	181	181	90	25	30	60	25	45	30	35	60
2 1/2	420	420	470	420	420	275	50	44	87	50	205	38	-	-
3	440	440	480	440	440	290	98	65	87	55	215	45	-	-
4	800	800	880	800	800	350	165	109	78	55	390	95	-	-
6	2,400	2,100	2,500	2,300	2,100	1,100	340	300	-	205	920	230	-	-
8	4,400	3,300	4,200	3,400	3,300	2,050	690	550	-	320	1,480	-	-	-
10	7,000	5,000	6,600	6,700	5,000	3,000	940	850	-	475	2,200	-	-	-
12	10,000	7,700	9,200	9,600	7,700	4,500	710	710	-	710	3,450	-	-	-
14	12,500	9,000	11,000	11,500	9,000	5,200	990	-	-	-	4,050	-	-	-
16	16,000	12,000	14,500	14,300	12,000	7,000	-	-	-	-	6,400	-	-	-
18	20,000	17,000	18,500	17,000	14,800	9,000	-	-	-	-	7,700	-	-	-
20	25,000	21,000	23,000	21,400	18,000	11,100	-	-	-	-	9,500	-	-	-
24	35,000	31,000	33,000	31,000	27,000	16,200	-	-	-	-	14,000	-	-	-

NOTE:
For sizes 2 1/2" to 6", the CV for 90 lb. Globe is the same as 60lb. Globe.

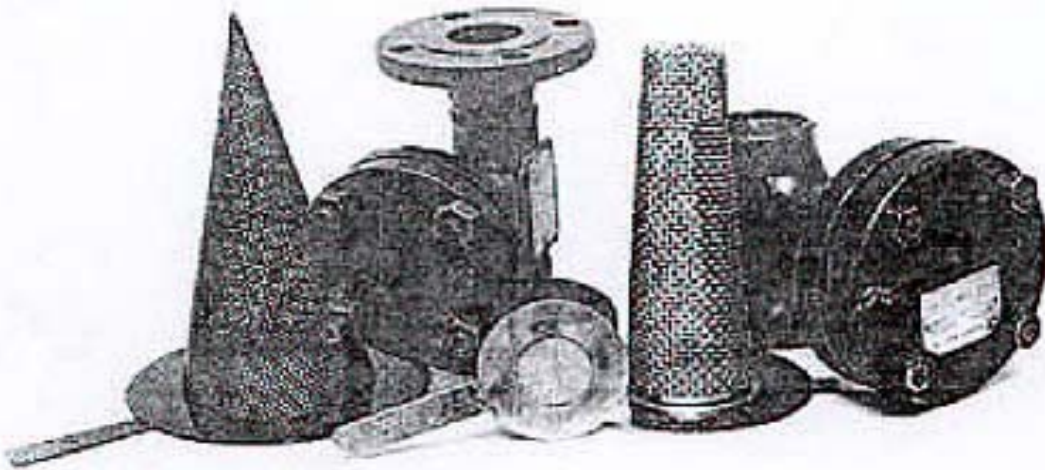
Size	CAST		
	Full Bore Gate Valves	Full Bore Gate Valves	Swing Check Valves
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
2"	240	47	94
2 1/2"	400	74	140
3"	600	120	240
4"	1,050	205	410
6"	2,440	470	940
8"	4,480	870	1,740
10"	7,100	1,400	2,800
12"	10,400	2,000	4,000
14"	14,500	2,800	5,600
16"	19,200	3,750	7,500
18"	24,500	4,800	9,600
20"	27,400	5,900	11,000
24"	43,600	8,500	17,500

Bore same size as nominal size.

Chokes



Strainers



DIFFERENT TYPES OF VALVES:

- ANGLE
- BACK PRESSURE
- BALANCING
- BALL
- BELLOW
- BLEED
- BLOWDOWN
- BOTTOM DRAIN
- BUTTERFLY
- CONTROL
- DAMPER
- DIAPHRAGM
- HIGH PRESSURE
- KNIFE
- LUG
- NEEDLE
- PIG
- PINCH
- PLUG
- PRESSURE SEAL
- QUICK RELEASE
- RELIEF
- SAFETY
- SAFETY RELIEF
- SLIDING GATE
- SLURRY
- SURGE RELIEF
- TRUNNION BALL
- WAFER
- WELLHEAD

