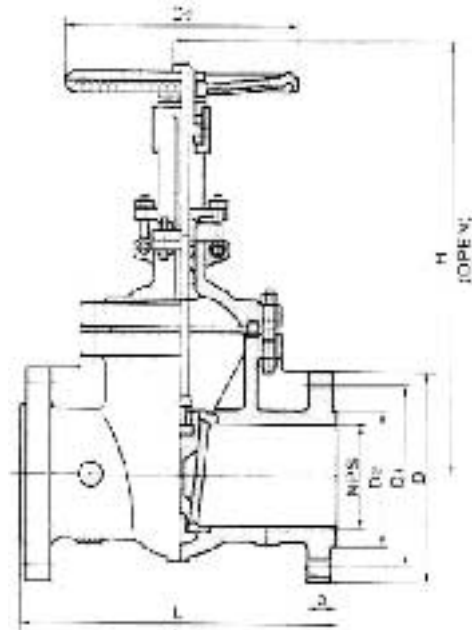




CAST STEEL GATE VALVES

150 Lb/300 Lb/600 Lb RAISED FACE FLANGE
SERIES: COP751-757F



INDUSTRY STANDARD

DESIGN AND MANUFACTURE	FACE TO FACE/ END TO END	FLANGE DIMENSION	BUTT WELDING DIMENSION	PRESSURE TEMP. RATING	INSPECTION & TEST
API 600	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI B16.34	API 598

TEST SPECIFICATIONS

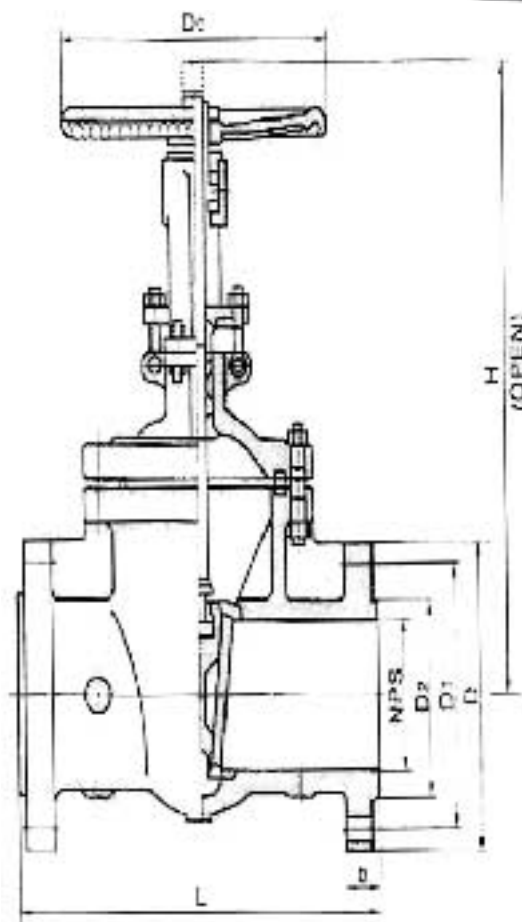
(LB) NOMINAL PRESSURE	SHELL TEST PSI	WATER SEAL TEST PSI	AIR SEAL TEST PSI
150	450	315	60 ~ 100
300	1125	815	
600	2225	1630	
900	3350	2440	
1500	5575	4080	
2500	9367	6873	

BILL OF MATERIAL

DESCRIPTION	MATERIAL	SUITABLE APPLICATION
Body	WCB	
Bonnet	WCB	
Seat Rings	Hardfaced	
Disc	13% CR Overlay	
Stem	410 SS	
Packing	Graphite	
Bonnet Gasket	SS Tanged Ref. Flex. Graphite	
Back Seat	410 SS	Water
Yoke Sleeve	D2 Ni-Resist	Steam
Retaining Nut	Steel	Petroleum
Gland	Steel	Products
Gland Flange	Steel	
Eye Bolt	Steel	
Eye Bolt Nuts	Steel	
Pins	Steel	
Bonnet Studs	A193 Gr. B7	
Bonnet Nuts	A194 Gr. 2H	
Handwheel	Ductile	
Handwheel Nut	Steel	
Spacer	Steel	
Plug	Steel	

* Due to the continuous development of our products, design or construction may change without prior notice.

CAST STEEL GATE VALVES
150 Lb/300 Lb/600 Lb RAISED FACE FLANGE
SERIES: COP751-757F



DIMENSIONS

CLASS	IN	DN	UNIT	L	H (OPEN)	D	D1	D2	b	Do
150 Lb	2	50	in	7	16.1	6	4.75	3.62	0.75	8
			mm	178	409	152	120.5	92	19.1	2
	3	80	in	8	20	7.5	6	5	0.94	1
			mm	203	570	90	152.5	127	23.9	250
	4	100	in	9	23.2	9	7.5	6.19	0.94	10
			mm	229	590	229	195.5	157	23.9	250
	6	150	in	10.5	24.8	11	9.50	8.5	1	12
			mm	267	630	279	241.5	216	25.4	300
	8	200	in	11.5	37.8	13.5	11.75	10.62	1.25	3.88
			mm	292	960	343	298.5	270	28.5	350
	10	250	in	13	45.6	16	14.25	12.75	1.19	15.7
			mm	330	1158	406	362	324	30.2	400
	12	300	in	14	54.3	19	17	15	1.25	17.7
			mm	356	1378	483	432	381	31.8	450
	14	350	in	15	60.75	21	18.75	16.25	1.38	19.7
			mm	381	1543	533	476.5	413	35	500
	16	400	in	16	68.4	23.5	21.25	18.5	1.44	23.6
			mm	406	1738	597	539.5	470	36.6	600
	18	450	in	17	74.1	25	22.75	21	1.56	23.6
			mm	432	1959	635	578	533	39.7	600
20	500	in	18	87.20	27.5	25	23	1.69	26.8	
		mm	457	2214	698	635	584	42.9	680	
24	600	in	20	102.3	32	29.5	27.25	1.88	29.9	
		mm	508	2599	813	749.5	692	47.7	760	
30	750	in	24	125.3	38.75	36	33.75	2.94	36	
		mm	610	3183	985	914	857	74.5	915	
36	900	in	28	147	46	42.75	40.25	3.56	36	
		mm	711	3737	1170	1086	1022	90.5	915	

* Due to the continuous development of our products, design or construction may change without prior notice.



CAST STEEL GATE VALVES

150 Lb/300 Lb/600 Lb RAISED FACE FLANGE

SERIES: COP751-757F

DIMENSIONS

CLASS	IN	DN	UNIT	L	H (OPEN)	D	D1	D2	B	Do
300 Lb	2	50	in	8.5	16.7	6.5	5	3.62	0.88	8
			mm	216	424	165	127	92	22.3	200
	3	80	in	11.15	21	8.25	6.62	5	1.12	10
			mm	283	535	210	168	127	28.5	250
	4	100	in	12	24.2	10	7.88	6.19	1.25	10
			mm	305	615	254	200	157	31.8	250
	6	150	in	15.87	31.3	12.5	10.652	8.5	1.44	14
			mm	403	795	318	270	216	36.6	350
	8	200	in	16.5	39.9	15	13	10.62	1.62	15.7
			mm	419	1012	381	330	270	41.3	400
	10	250	in	18	48.5	17.5	15.25	12.75	1.88	17.7
			mm	457	1231	444	387.5	324	47.7	450
	12	300	in	19.75	57	20.5	17.75	15	2	19.7
			mm	502	1450	521	451	381	50.8	500
	14	350	in	30	64.8	23	20.25	16.25	2.12	23.6
			mm	762	1645	584	514.5	413	54	600
	16	400	in	33	72.5	25.5	20.25	18.5	2.25	23.6
			mm	838	1814	648	571.5	470	57.2	600
18	450	in	36	76.5	28	14.75	21	2.38	26.8	
		mm	914	1943	711	628.5	533	60.4	680	
20	500	in	39	84.8	30.5	27	23	2.5	38	
		mm	991	2154	775	686	584	63.5	760	
24	600	in	45	100.5	36	32	27.25	2.75	36	
		mm	1143	2553	914	813	692	69.9	915	

DIMENSIONS

CLASS	IN	DN	UNIT	L	H (OPEN)	D	D1	D2	B	Do
600 Lb	2	50	in	11.5	18	6.5	5	3.62	1	10
			mm	292	458	165	127	92	25.4	250
	3	80	in	14	22.5	8.25	6.62	5	1.25	10
			mm	356	570	210	168	127	31.8	250
	4	100	in	17	27.2	10.75	8.5	6.19	1.5	14
			mm	432	390	273	216	157	38.1	350
	6	150	in	22	35.8	14	11.5	8.5	1.88	18
			mm	559	910	356	292	216	47.7	450
	8	200	in	26	41.9	16.5	13.75	10.62	2.19	19.7
			mm	600	1064	419	349	270	55.6	500
	10	250	in	31	49.5	20	17	12.75	2.5	23.6
			mm	787	1257	508	432	324	63.5	600
	12	300	in	33	57.8	22	19.25	15	2.62	26.8
			mm	838	1468	559	489	381	66.7	680
	14	350	in	35	63.9	23.75	20.75	16.25	2.75	26.9
			mm	889	1623	603	527	413	69.9	760
	16	400	in	39	71.5	27	23.75	18.5	3	26.9
			mm	991	1816	686	603	470	76.2	760
	18	450	in	43	82.7	29.25	25.75	21	3.25	36
			mm	1092	21	743	654	533	82.6	91.5
	20	500	in	47	88.6	32	28.5	23	3.5	37.4
			mm	1194	2250	813	724	584	88.9	950
	24	600	in	55	107.5	37	33	27.25	4	39.4
			mm	1397	2730	940	838	692	102	1000

* Due to the continuous development of our products, design or construction may change without prior notice.