

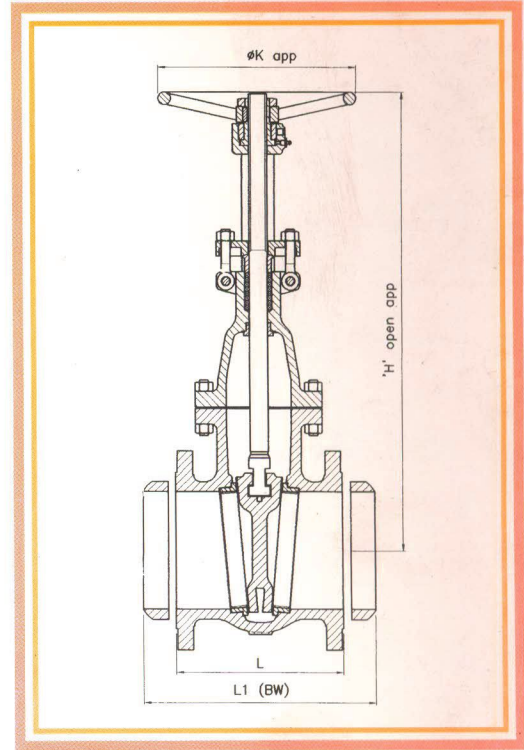
Gate Valve Class 150/300/600



API-600

MATERIAL SPECIFICATION

PARTS	MATERIAL		
BODY	WCB	WC6	CF8/ CF8M
BONNET	WCB	WC6	CF8/ CF8M
YOKE	WCB	WC6	CF8/ CF8M
WEDGE	13% Cr. FACING ON WCB	13% Cr. FACING ON WC6	CF8/ CF8M
SEAT RING	13% Cr. FACING ON A 515-70	S.S 304	304/ 316 CF8/ CF8M
BACK SEAT	410		INTEGRAL
SPINDLE	410		304/ 316
GLAND BUSH	410		304/ 316
GLAND FLANGE	CARBON STEEL/WCB		S.S 304
YOKE SLEEVE	ASTM A 439 Gr.D2/ AL-BRONZE		
YOKE NUT	ASTM A 515-70		S.S 304
HAND WHEEL	CARBON STEEL		
HAND WHEEL NUT	CARBON STEEL		
STUD & NUT	B7/2H	B16/7	B7/2H
EYE BOLT & NUT	B7/ 2H		B8/ 8
CROSS BOLT & NUT	B7/ 2H		B8/ 8
GASKET	CORR. SOFT IRON	CORR. S.S 304	CORR. S.S304/316
GLAND PACKING	GRAPHITE ASB. INHIB. & INCONEL WIRE REIN./GRAPHOIL		
GRUB SCREW	STEEL		
GREASE NIPPLE	BRASS/ STEEL		



CLASS 150 (DIMENSION TABLE)

VALVE SIZE mm	50	65	80	100	125	150	200	250	300	350	400	450	500	550	600	650	700	750	800	900	1050
L	178	190	203	229	254	267	292	330	356	381	406	432	457	483	508	559	610	610	711	711	813
L1	216	241	282.5	305	381	403	419	457	502	572	610	660	711	762	813	902	991	991		1219	1397
H app	400	445	485	600	725	765	985	1220	1395	1500	1775	2000	2210	2530	2725	2800	3130	3300	3420	3975	4370
ØK app	200	200	250	250	300	300	350	450	500	559	559	610	610	660	660	711	711	813	813	864	915
Wt. kg app(F/E)	20	28	33	55	70	90	130	225	330	450	530	625	825	1150	1210	1415	1620	2025	2450	3050	4250

CLASS 300 (DIMENSION TABLE)

VALVE SIZE mm	50	65	80	100	125	150	200	250	300	350	400	450	500	550	600
L	216	241	282.5	305	381	403	419	457	502	762	838	914	991	1092	1143
L1	216	241	282.5	305	381	403	419	457	502	762	838	914	991	1092	1143
H app	410	450	485	615	725	835	1015	1230	1555	1720	1970	2160	2410	2550	2810
ØK app	200	250	250	300	350	350	450	500	500	600	600	680	760	760	760
Wt. kg app(F/E)	32	35	55	80	100	150	225	350	480	745	1060	1325	1725	1900	2570

CLASS 600 (DIMENSION TABLE)

VALVE SIZE mm	50	65	80	100	125	150	200	250	300	350	400	450	500	550	600
L	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1295	1397
L1	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1295	1397
H app	410	485	560	705	800	895	1125	1400	1535	1825	1955	2140	2310	2680	2680
ØK app	250	250	350	450	500	500	600	680	760	760	760	760	813	889	900
Wt. kg app(F/E)	38	56	72	136	170	245	432	780	835	1190	1690	2010	2400	2650	3700

Valves can be supplied with pneumatic / Electric Actuator on request.
Higher sizes of valves upto 1800 NB can be supplied on request.



AN ISO 9001:2008 CERTIFIED COMPANY

CHAPALADEVI ROAD, DASNAGAR, HOWRAH-711105(W.B)

BISWAJIT VALVE