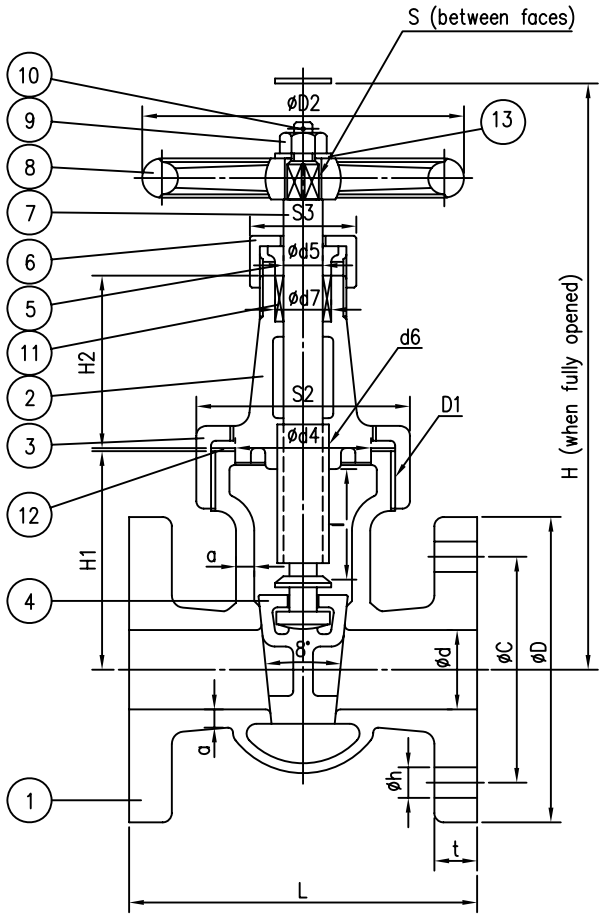

Bolt holes of flanges shall straddle body center lines.

(Unit: mm)

Nominal dia.	d	L	FLANGE						Height fully opened (Approx.)	Lift (Approx.)	Handwheel	Body				Ht. of bonnet	Stem			Stuffing box	Between faces		WEIGHT
				Bolt hole			Nominal dia of bolt							Threads				Threads					
			D	C	No	h		t	H	l	D2	a	H1	D1	d4	H2	d5	d6	S	d7	S2	S3	(kg)
15	15	100	95	70	4	15	M12	12	175	21.5	80	3.5	50	M52x2	38	58	10	TW14	8	17	60	32	2.96
20	20	110	100	75	4	15	M12	14	200	27	80	4	58	M58x2	44	66	10	TW14	8	17	65	32	3.89
25	25	120	125	90	4	19	M16	14	220	32.5	100	4.5	65	M65x2	50	75	12	TW16	10	19	75	36	5.82
32	32	140	135	100	4	19	M16	16	250	39.5	100	5	75	M72X2	56	85	12	TW16	10	19	80	36	7.52
40	40	150	140	105	4	19	M16	16	290	48	125	6	85	M85x2	64	102	13	TW18	10	21	95	36	9.71

HYDRAULIC INSPECTION

TEST PRESSURE MPa (kgf/cm²)	BODY	2.06 (21.0)
	SEAT	1.51 (15.4)

PRESSURE RATING

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm²)
AIR, GAS, OIL AND PULSATION WATER	0.98 (10)
SATURATED STEAM	0.20 (2)
NON-SHOCK WATER OF 120°C OR LESS	1.37 (14)

NO.	NAME OF PART	MATERIAL	Q'TY	REMARK
13	NAME PLATE	C2801P	1	
12	GASKET	NON-ASBESTOS	1	
11	PACKING	NON-ASBESTOS	1set	
10	SPLIT PIN	C2600W	1	
9	HEXAGON NUT	C3771BD	1	
8	HANDWHEEL	FC200	1	
7	STEM	C3771BD	1	
6	GLAND NUT	C3771BD	1	
5	PACKING GLAND	C3771BD	1	
4	DISC	BC6	1	
3	BONNET NUT	BC6	1	
2	BONNET	BC6	1	
1	BODY	BC6	1	

REV	DATE	DESCRIPTION OF REASON	DRAW'G	CHK'D	APP'D

DESCRIPTION	JIS F7368 CAST BRONZE 10kgf/cm² RISING STEM TYPE GATE VALVES			
DRAW'G	CHK'D	APP'D	SCALE	NON
H.J.YUN	S.M.BAE	S.M.BAE	UNIT	(mm) inch
			PROJECT	
DATE	06.11.16	DWG NO.	KS-BC-GT-2-A1	REV 0

KS 技星金屬株式會社
KEY SUNG METAL CO., LTD.