



Bolt holes of flanges shall straddle body center lines.

(Unit: mm)

Nominal dia.	d	L	FLANGE						Height fully opened (Approx.) H	Lift (Approx.) I	Handwheel D2	Body				Ht. of bonnet H2	Stem			Stuffing box d7	Between faces		WEIGHT (kg)		
			D	Bolt hole			Nominal dia of bolt	t				a	H1	Threads	D1		d4	d5	Threads		d6	S		S2	S3
				C	No	h																			
15	15	90	80	60	4	12	M10	9	175	21.5	80	3.5	50	M52x2	38	58	10	TW14	8	17	60	32	2.29		
20	20	100	85	65	4	12	M10	10	200	27	80	4	58	M58x2	44	66	10	TW14	8	17	65	32	2.98		
25	25	110	95	75	4	12	M10	10	220	32.5	100	4.5	65	M65x2	50	75	12	TW16	10	19	75	36	4.10		
32	32	130	115	90	4	15	M12	12	250	39.5	100	5	75	M72x2	56	85	12	TW16	10	19	80	36	5.79		
40	40	140	120	95	4	15	M12	12	290	48	125	6	85	M85x2	64	102	13	TW18	10	21	95	36	7.78		

HYDRAULIC INSPECTION

TEST PRESSURE MPa (kgf/cm ²)	BODY	1.04 (10.5)
		SEAT

PRESSURE RATING

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm ²)
OIL AND PULSATION WATER	0.49 (5)
SATURATED STEAM	0.20 (2)
NON-SHOCK WATER OF 120°C OR LESS	0.69 (7)

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	BC6, C3771BD	1	
5	PACKING GLAND	BC6, C3771BD	1	
4	DISC	BC6	1	
3	BONNET NUT	BC6	1	
2	BONNET	BC6	1	
1	BODY	BC6	1	

NO.	NAME OF PART	MATERIAL	Q'TY	REMARK	
REV	DATE	DESCRIPTION OF REASON	DRAW'G	CHK'D	APP'D

DESCRIPTION	JIS F7367 CAST BRONZE 5kgf/cm ² RISING STEM TYPE GATE VALVES				
DRAW'G	CHK'D	APP'D	SCALE	NON	
H.J.YUN	S.M.BAB	S.M.BAB	UNIT	(mm) inch	
			PROJECT		
DATE	06.11.16	DWG NO.	KS-BC-GT-1-A1	REV	0



技星金屬株式會社
KEY SUNG METAL CO., LTD.