



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia.	Flange												Body						Stem			Between faces		WEIGHT (kg)		
	d	d1	L	D	Bolt hole			Nominal dia. of Bolt	t	Ht.(approx.) (fully opened) H	Lift I	Handwheel D2	d2	a	R	H1	d4	D1	H2	d5	d6	S	d7		S2	S3
					No	h																				
15	15	15	100	80	60	4	12	M10	9	150	5	80	37	3	37	55	32	M45x2	43	10	TW14	8	17	55	32	2.12
20	20	20	110	85	65	4	12	M10	10	160	7	100	45	4	45	60	35	M48x2	47	12	TW16	10	19	55	36	2.91
25	25	25	120	95	75	4	12	M10	10	185	9	125	52	4	52	68	38	M52x2	54	13	TW18	10	21	60	36	3.82
32	32	32	140	115	90	4	15	M12	12	190	11	125	65	4	65	70	42	M60x2	56	13	TW18	10	21	70	36	5.09
40	40	40	160	120	95	4	15	M12	12	205	13	140	80	5	80	78	50	M68x2	59	15	TW20	12	23	80	41	6.71

■ PRESSURE RATING ■

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa ( kgf/cm <sup>2</sup> )
STEAM OF 205°C OR LESS	0.49 ( 5 )
AIR, GAS,OIL AND PULSATION WATER	
NON-SHOCK WATER OF 120°C OR LESS	0.69 ( 7 )

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm <sup>2</sup> )	BODY		1.04 (10.5)
	SEAT	INLET SIDE	0.76 ( 7.7 )
		OUTLET SIDE	0.76 ( 7.7 ) to 0.39 ( 4.0 )

14	SEAT RING	C3771BD	1	
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	HAND WHEEL	FC200	1	
7	STEM	C3771BD	1	
6	GLAND NUT	C3771BD	1	
5	PACKING GLAND	C3771BD	1	
4	DISC	BC6	1	
3	BONNET NUT	C3771BD	1	
2	BONNET	BC6	1	
1	BODY	BC6	1	

NO.	NAME OF PART	MATERIAL	Q'TY	REMARK
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REV	DATE	DESCRIPTION OF REASON	DRAW'G	CHK'D	APP'D
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DESCRIPTION JIS F7411 CAST BRONZE 5kgf/cm<sup>2</sup> SCREW-DOWN CHECK GLOBE VALVE

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-GCUB-1-A1 REV 0



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