



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia.	d	d1	L1	Flange				Nominal dia. of bolt	t	Ht.(approx.) H (fully opened)	Lift l	Handwheel D2	Body					Ht.of bonnet H2	Stem			Stuffing box d7	Between faces		WEIGHT (kg)
				D	C	No	h						d2	a	H1	d4	D1		Threads	S	S2		S3		
15	15	15	55	80	60	4	12	M10	9	140	5	80	42	3	45	32	M45x2	43	10	TW14	8	17	55	32	2.07
20	20	20	60	85	65	4	12	M10	10	150	7	100	48	4	48	35	M48x2	47	12	TW16	10	19	55	36	2.81
25	25	25	65	95	75	4	12	M10	10	170	9	125	54	4	54	38	M52x2	54	13	TW18	10	21	60	36	3.67
32	32	32	80	115	90	4	15	M12	12	170	11	125	64	4	52	42	M60x2	56	13	TW18	10	21	70	36	4.85
40	40	40	85	120	95	4	15	M12	12	180	13	140	75	5	56	50	M68x2	59	15	TW20	12	23	80	41	6.17

■ PRESSURE RATING ■

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm ²)
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 ²)	BODY		1.04 (10.5)
	SEAT	INLET SIDE	0.76 (7.7)
		OUTLET SIDE	0.76 (7.7) to 0.39 (4.0)

14	PACKING BUSH	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	
REV	DATE	DESCRIPTION OF REASON	DRAW'G	CHK'D	APP'D

DESCRIPTION	JIS F7412 CAST BRONZE 5kgf/cm ² SCREW-DOWN CHECK ANGLE 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-ACUB-1-A1	REV 0	



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