



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia.	Flange											Body					Stem			Between faces		WEIGHT (kg)				
	d	d1	L1	D	Bolt hole			Nominal dia. of bolt	t	Ht.(approx.) (fully opened) H	Lift l	Handwheel D2	d2	a	H1	d4	D1	Threads	Ht. of bonnet H2	d5	d6		S	d7	S2	S3
					P.C. dia. C	No	h																			
15	15	15	70	95	70	4	15	M12	12	140	5	80	42	4	45	32	M45x2	43	10	TW14	8	17	55	32	2.86	
20	20	20	75	100	75	4	15	M12	14	150	7	100	48	4	48	35	M48x2	47	12	TW16	10	19	55	36	3.75	
25	25	25	85	125	90	4	19	M16	14	170	9	125	54	4	54	38	M52x2	54	13	TW18	10	21	60	36	5.38	
32	32	32	95	135	100	4	19	M16	16	170	11	125	64	5	52	42	M60x2	56	13	TW18	10	21	70	36	6.84	
40	40	40	100	140	105	4	19	M16	16	180	13	140	75	6	56	50	M68x2	59	15	TW20	12	23	80	41	8.34	

■ PRESSURE RATING ■

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm ²)
STEAM OF 205°C OR LESS	1.57 (16)
AIR, GAS, OIL AND PULSATION WATER	
NON-SHOCK WATER OF 120°C OR LESS	2.16 (22)

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm ²)	BODY		3.24 (33.0)
	SEAT	INLET SIDE	2.38 (24.2)
		OUTLET SIDE	2.38 (24.2) 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 F7414 CAST BRONZE 16kgf/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-3-A1	REV 0	



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