



Bolt holes of flanges shall straddle body center lines.

(Unit: mm)

Nominal dia.	d	d1	L1	Flange				Nominal dia. of Bolt	t	Ht (approx.) (fully opened)	Lift	Handwheel D2	Body				Bonnet		Stem		Stuffing box	Between faces		WEIGHT (kg)		
				D	Bolt hole								d2	a	H1	Threads	D1	H2	d5	d6		S	d7		S2	S3
					P.C dia. C	No	h																			
15	15	20	70	95	70	4	15	M12	12	120	4	80	44	4	37	M36x2	45	33	10	TW14	8	17	32	32	2.67	
20	20	25	75	100	75	4	15	M12	14	125	5	100	48	4	40	M42x2	52	36	12	TW16	10	19	36	36	3.56	
25	25	30	85	125	90	4	19	M16	14	140	6	125	55	4	44	M42x2	52	43	13	TW18	10	21	36	36	5.02	
32	32	37	95	135	100	4	19	M16	16	145	8	125	66	5	41	M52x2	65	48	13	TW18	10	21	41	36	6.58	
40	40	45	100	140	105	4	19	M16	16	160	10	140	78	6	45	M58x2	70	53	15	TW20	12	23	41	41	7.95	

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm ²)	BODY		3.23 [33]
	SEAT	INLET	2.37 [24.2]
		OUTLET	2.37 [24.2] to 0.39 [4]

■ 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]

14	SEAT RING	C3771BD	1	
13	NAME PLATE	C2801P	1	
12	PACKING	NON-ASBESTOS	1set	
11	BONNET LOCK WASHER	C2600P	1	
10	SPLIT PIN	C2600W	1	
9	HEXAGON NUT	C3604BD	1	
8	HANDWHEEL	FC200	1	
7	SET SCREW	C2700W	2	
6	STEM	C3771BD	1	
5	GLAND NUT	C3771BD	1	
4	PACKING GLAND	C3771BD	1	
3	DISC	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 F7410 CAST BRONZE 16kgf/cm ² SCREW-DOWN CHECK ANGLE 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-AGCH-3-A1	REV	0



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