



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia	Flange										Body						Stem		Stuffing box	Between faces	Threads	WEIGHT (kg)							
	d	d1	L1	D	Bolt hole			Nominal dia of bolt	t	Ht. (opened)	Lift	Handwheel	D2	d2'	a	H1'	D1	d4					Ht. of bonnet	d5	Threads	S	d7	S3	d10
					P.C dia	C	No																						
50	50	50	100	130	105	4	15	M12	14	200	21	140	90	6	52.5	115	60	63	16	TW22	12	26	46	M12	10.1				
65	65	65	115	155	130	4	15	M12	14	220	26	160	115	7	59.5	140	76	66	18	TW24	14	28	50	M12	15.6				

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm ²)	BODY	1.03 (10.5)
	SEAT	0.76 (7.7)

■ PRESSURE RETING ■

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)

16	NAME PLATE	C2801P	1	
15	GASKET	NON-ASBESTOS	1	
14	PACKING	NON-ASBESTOS	1set	
13	HEXAGON NUT	C3604BD	1set	
12	STUD BOLT	C3771BD	1set	
11	DISK LOCK WASHER	C2600P	1	
10	SPLIT PIN	C2600W	1	
9	HEXAGON NUT	C3604BD	1	
8	HANDWHEEL	FC200	1	
7	STEM	C3771BD	1	
6	GLAND NUT	C3771BD	1	
5	PACKING GLAND	C3771BD	1	
4	DISC NUT	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 F7302 CAST BRONZE 5kgf/cm² ANGLE VALVES

DRAW'G	CHK'D	APP'D	SCALE	NON
H.J.YUN	S.M.BAB	S.M.BAB	UNIT	(mm) inch
DATE	06.11.16	DWG NO.	KS-BC-AG-1-A2	REV

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