



Bolt holes of flanges shall straddle body center lines.

(Unit: mm)

Nominal dia	d	d1	L1	Flange				Nominal dia. of bolt	t	Ht (opened)	Lift	Handwheel	Body				Ht of bonnet		Stem		Stuffing box	Between faces		WEIGHT (kg)	
				P.C. dia	Bolt holes		Threads						D1	H2	d5	d6	S	d7	S2	S3					
					C	No																h	d2		a
15	15	20	70	95	70	4	15	M12	12	120	5	80	44	4	37	M36x2	45	33	10	TW14	8	17	32	32	2.73
20	20	25	75	100	75	4	15	M12	14	130	6	100	48	4	40	M42x2	52	36	12	TW16	10	19	36	36	3.65
25	25	30	85	125	90	4	19	M16	14	145	8	125	55	4	44	M42x2	52	43	13	TW18	10	21	36	36	5.16
32	32	37	95	135	100	4	19	M16	16	150	11	125	66	5	41	M52x2	65	48	13	TW18	10	21	41	36	6.72
40	40	45	100	140	105	4	19	M16	16	165	14	140	78	6	45	M58x2	70	53	15	TW20	12	23	41	41	8.13

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm ²)	BODY	3.24 [33]
	SEAT	2.37 [24.2]

■ 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]

16	SEAT RING	C3771BD	1	
15	NAME PLATE	C2801P	1	
14	PACKING	NON-ASBESTOS	1set	
13	DISK LOCK WASHER	C2600P	1	
12	LOCK PLATE	C2600P	1	
11	SPLIT PIN	C2600W	1	
10	HEXAGON NUT	C3604BD	1	
9	HANDWHEEL	FC200	1	
8	SET SCREW	C2700W	2	
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
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REV	DATE	DESCRIPTION OF REASON	DRAW'G	CHK'D	APP'D
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DESCRIPTION JIS F7304 CAST BRONZE 16kgf/cm² ANGLE VALVES

DRAW'G	CHK'D	APP'D	SCALE	NON
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H.J.YUN	S.M.BAB	S.M.BAB	UNIT	(mm) INCH
			PROJECT	

DATE	06.11.16	DWG NO.	KS-BC-AG-3-A1	REV 0
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KEY SUNG METAL CO., LTD.