



Bolt holes of flanges shall straddle body center lines.

(Unit: mm)

Nominal dia.	Flange												Body					Bonnet		Stem			Between faces	WEIGHT (kg)		
	d	d1	L	D	Bolt hole			Nominal dia. of bolt	t	Hl. (approx.) (fully opened)	Lift	Handwheel D2	d2	a	R	H1	Threads	D1	H2	d5	d6	S				
					P.C dia. C	No	h																			
15	15	20	100	80	60	4	12	M10	9	130	4	80	40	3	40	47	M36x2	45	33	10	TW14	8	17	32	32	1.96
20	20	25	110	85	65	4	12	M10	10	140	5	100	48	4	48	53	M42x2	52	36	12	TW16	10	19	36	36	2.77
25	25	30	120	95	75	4	12	M10	10	155	6	125	55	4	55	59	M42x2	52	43	13	TW18	10	21	36	36	3.41
32	32	37	140	115	90	4	15	M12	12	165	8	125	68	4	68	61	M52x2	65	48	13	TW18	10	21	41	36	4.86
40	40	45	160	120	95	4	15	M12	12	185	10	140	82	5	82	69	M58x2	70	53	15	TW20	12	23	41	41	6.30

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm ²)	BODY		1.03 (10.5)
	SEAT	INLET	0.76 (7.7)
		OUTLET	0.76 (7.7) to 0.39 (4)

■ 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)

14	SEAT RING	C3771BD	1	
13	NAME PLATE	C2801P	1	
12	PACKING	NON-ASBESTOS	1set	
11	LOCK PLATE	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 F7351 CAST BRONZE 5kgf/cm ² SCREW-DOWN CHECK GLOBE 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-GLCH-1-A1	REV 0	

技星金屬株式會社
KEY SUNG METAL CO., LTD.