



Bolt holes of flanges shall straddle body center lines.

(Unit: mm)

Nominal dia.	Flange											Body					Bonnet		Stem			Between faces of hexagon	WEIGHT (kg)			
	d	d1	L	Bolt hole			Nominal dia. of bolt	Height (fully opened) H	Lift l	Handwheel D2	Body				D1	H2	d5	d6	S							
				D	P.C. dia. C	No					h	d2	a	R						H1	Threads					
15	15	20	110	95	70	4	15	M12	12	130	5	80	40	4	40	47	M36x2	45	33	10	TW14	8	17	32	32	2.76
20	20	25	120	100	75	4	15	M12	14	140	6	100	48	4	48	53	M42x2	52	36	12	TW16	10	19	36	36	3.72
25	25	30	130	125	90	4	19	M16	14	160	8	125	55	4	55	59	M42x2	52	43	13	TW18	10	21	36	36	5.20
32	32	37	160	135	100	4	19	M16	16	170	11	125	68	5	68	61	M52x2	65	48	13	TW18	10	21	41	36	6.91
40	40	45	180	140	105	4	19	M16	16	190	14	140	82	6	82	69	M58x2	70	53	15	TW20	12	23	41	41	8.43

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm ²)	BODY	3.24 (33)
		SEAT

■ 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	DISC 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	
REV	DATE	DESCRIPTION OF REASON	DRAW'G	CHK'D	APP'D

DESCRIPTION	JIS F7303 CAST BRONZE 16kgf/cm ² GLOBE 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-GL-3-A1	REV	0



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