



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia	Flange															Body										Stem			Between faces of hexagon		WEIGHT (kg)
	d	d1	L	D	Bolt holes			Nominal dia of bolt	t	Height (approx.) (Fully opened) H	Lift l	Handwheel D2	d2'	a	R	H1	D1	d4	H2	d5	d6	S	d7	S2	S3						
					PC dia C	No.	h																			Threads					
15	15	15	100	80	60	4	12	M10	9	155	10	80	37	3	37	55	M45x2	32	43	10	TW14	8	17	55	32	2.21					
20	20	20	110	85	65	4	12	M10	10	165	12	100	45	4	45	60	M48x2	35	47	12	TW16	10	19	55	36	3.04					
25	25	25	120	95	75	4	12	M10	10	185	14	125	52	4	52	68	M52x2	38	54	13	TW18	10	21	60	36	3.97					
32	32	32	140	115	90	4	15	M12	12	195	17	125	65	4	65	70	M60x2	42	56	13	TW18	10	21	70	36	5.23					
40	40	40	160	120	95	4	15	M12	12	210	20	140	80	5	80	78	M68x2	50	59	15	TW20	12	23	80	41	6.94					

■ PRESSURE RATING ■

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm <sup>2</sup> )
STEAM OF 205°C OR LESS	0.49 (5)
AIR AND GASOL AND PULSATION WATER	
NON-SHOCK WATER OF 120°C OR LESS	0.69 (7)

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm <sup>2</sup> )	BODY	1.04 (10.5)
		SEAT

16	SEAT RING	C3771BD	1	
15	NAME PLATE	C2801P	1	
14	GASKET	NON-ASBESTOS	1	
13	PACKING	NON-ASBESTOS	1set	
12	DISC LOCK WASHER	C2600P	1	
11	SPLIT PIN	C2600W	1	
10	HEXAGON NUT	C3771BD	1set	
9	HANDWHEEL	FC200	1	
8	STEM	C3771BD	1	
7	GLAND NUT	C3771BD	1	
6	PACKING GLAND	C3771BD	1	
5	DISC NUT	C3771BD	1	
4	DISC	BC6	1	
3	BONNET NUT	C3771BD	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 F7346 CAST BRONZE 5kgf/cm <sup>2</sup> GLOBE VALVES (UB-TYPE)				
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-GLUB-1-A1	REV 0	



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