



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia	Flange										Body							Between faces of hexagon	WEIGHT (kg)			
	d	d1	L	D	Bolt holes			Nominal dia of bolt	t	H	l	d2	a	R	H1	Threads	D1			d4	d5	S
					P.C. dia	No.	h															
15	15	15	100	80	60	4	12	M10	9	66	5	37	3	37	55	M45x2	32	10	55	1.62		
20	20	20	110	85	65	4	12	M10	10	71	7	45	4	45	60	M48x2	35	12	55	2.17		
25	25	25	120	95	75	4	12	M10	10	81	9	52	4	52	68	M52x2	38	13	60	2.80		
32	32	32	140	115	90	4	15	M12	12	83	11	65	4	65	70	M60x2	42	13	70	3.92		
40	40	40	160	120	95	4	15	M12	12	91	13	80	5	80	78	M68x2	50	15	80	5.49		

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm ²)	BODY	1.04 (10.5)
	SEAT	0.76 { 7.7 } to 0.39 { 4.0 }

■ PRESSURE RATING ■

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm ²)
AIR, GAS OIL AND PULSATION WATER	0.49 { 5 }
NON-SHOCK WATER OF 120°C OR LESS	0.69 { 7 }

5	GASKET	NON-ASBESTOS	1	
4	DISC	BC6	1	
3	BONNET	BC6	1	
2	DISC GUIDE	C3771BD	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 F7415 CAST BRONZE 5kgf/cm²
LIFT CHECK GLOBE VALVES(UNION BONNET 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-LCGUB-1-A1	REV	0
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