



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia	Flange											Body					Between faces of hexagon	WEIGHT (kg)	
	d	d1	L1	D	Bolt holes			Nominal dia of bolt	Height of bonnet	Lift	d2	a	H1	Threads					
					P.C. dia	No.	h							D1	d4	d5			
15	15	15	55	80	60	4	12	M10	9	56	5	42	3	45	M45x2	32	10	55	1.57
20	20	20	60	85	65	4	12	M10	10	59	7	48	4	48	M48x2	35	12	55	2.07
25	25	25	65	95	75	4	12	M10	10	67	9	54	4	54	M52x2	38	13	60	2.65
32	32	32	80	115	90	4	15	M12	12	65	11	64	4	52	M60x2	42	13	70	3.68
40	40	40	85	120	95	4	15	M12	12	69	13	75	5	56	M68x2	50	15	80	4.95

■ HYDRAULIC INSPECTION ■

TEST PRESSURE	BODY	10.5 kgf/cm ²
	SEAT	7.7 kgf/cm ² to 4.0 kgf/cm ²

■ 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	TEFLON	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 F7416 CAST BRONZE 5kgf/cm ² LIFT CHECK ANGLE VALVE (UNION BONNET TYPE)			
DRAW'G	CHK'D	APP'D	SCALE	NON
H.J.YUN	S.M.BAE	S.M.BAE	UNIT	(mm) inch
			PROJECT	

DATE	06.11.16	DWG NO.	KS-BC-LCAUB-1-A1	REV	0
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