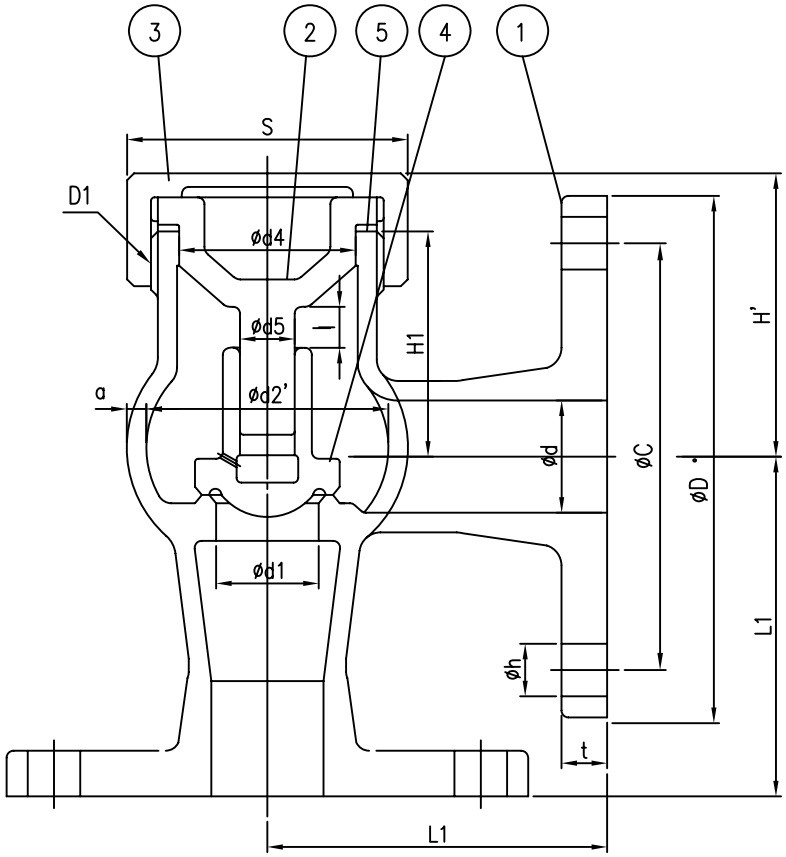

Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia	d	d1	L1	Flange						Height of bonnet	Lift	Body						Between faces of hexagon	WEIGHT
				D	Bolt holes P.C.D C	Bolt holes No.	Bolt holes h	Nominal dia of bolt	t	H'	l	d2	a	H1	Threads D1	d4	d5	S	(kg)
15	15	15	70	95	70	4	15	M12	12	56	5	42	4	45	M45x2	32	10	55	2.36
20	20	20	75	100	75	4	15	M12	14	59	7	48	4	48	M48x2	35	12	55	3.01
25	25	25	85	125	90	4	19	M16	14	67	9	54	4	54	M52x2	38	13	60	4.36
32	32	32	95	135	100	4	19	M16	16	65	11	64	5	52	M60x2	42	13	70	5.67
40	40	40	100	140	105	4	19	M16	16	69	13	75	6	56	M68x2	50	15	80	7.12

HYDRAULIC INSPECTION

TEST PRESSURE MPa (kgf/cm²)	BODY		3.24 (33.0)
	SEAT	UPPER SIDE	2.38 (24.2) to 0.39 (4.0)

PRESSURE RATING

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm²)
AIR, GAS OIL AND PULSATION WATER	1.57 (16)
NON-SHOCK WATER OF 120°C OR LESS	2.16 (22)

NO.	NAME OF PART	MATERIAL	Q'TY	REMARK
5	GASKET	TEFLON	1	
4	DISC	BC6	1	
3	BONNET	BC6	1	
2	DISC GUIDE	C3771BD	1	
1	BODY	BC6	1	

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

DESCRIPTION	JIS F7418 CAST BRONZE 16kgf/cm² 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-3-A1	REV 0

KS 技星金屬株式會社
KEY SUNG METAL CO., LTD.