



Bolt holes of flanges shall straddle body center lines.

(Unit: mm)

Nominal dia	Flange								Ht (opened)	Lift	Handwheel	Body				Ht of bonnet		Stem		Stuffing box	Between faces		WEIGHT (kg)			
	d	d1	L1	D	Bolt holes			Nominal dia. of bolt				t	d2	a	H1	Threads	D1	H2	d5		Threads	S		d7	S2	S3
					P.C. dia	C	No																			
15	15	20	70	95	70	4	15	M12	12	125	5	80	44	4	37	M36x2	45	33	10	TW14	8	17	32	32	2.83	
20	20	25	75	100	75	4	15	M12	14	135	6	100	48	4	40	M42x2	52	36	12	TW16	10	19	36	36	3.75	
25	25	30	85	125	90	4	19	M16	14	150	8	125	55	4	41	M42x2	52	43	13	TW18	10	21	36	36	5.31	
32	32	37	95	135	100	4	19	M16	16	155	11	125	66	5	44	M52x2	65	48	13	TW18	10	21	41	36	6.87	
40	40	45	100	140	105	4	19	M16	16	170	14	140	78	6	45	M58x2	70	53	15	TW20	12	23	41	41	8.33	

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm <sup>2</sup> )	BODY	2.35 [ 24 ]
	SEAT	1.72 [17.6]

■ PRESSURE RATING ■

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm <sup>2</sup> )
SET WATER, BILGE, COMPRESSED AIR AND SATURATED STEAM	1.57 [16]

18	SET SCREW	C2700W	1	
17	OPENING INDICATOR PLATE	C2801P	1	
16	OPENING INDICATOR	C3771BD	1	
15	NAME PLATE	C2801P	1	
14	PACKING	NON-ASBESTOS	1set	
13	DISK LOCK WASHER	C2600P	1	
12	BONNET LOCK WASHER	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 F7404 CAST BRONZE 16kgf/cm <sup>2</sup> HULL ANGLE VALVE				
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-HUAG-3-A2	REV	0



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