



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia	Flange																			Body										Stem		Stuffing box		Between faces of hexagon		WEIGHT (kg)
	d	d1	L1	Bolt holes			Nominal dia of bolt	t	Height (approx.) (Fully opened) H	Lift l	Handwheel D2	d2	a	H1	D1	d4	H2	d5	d6	S	d7	S2	S3													
				P.C dia	No.	h																		Threads	Threads	Threads										
				C	No.	h																		D1	d4	d5										
15	15	15	70	95	70	4	15	M12	12	145	10	80	42	4	45	M45x2	32	43	10	TW14	8	17	55	32	2.94											
20	20	20	75	100	75	4	15	M12	14	155	12	100	48	4	48	M48x2	35	47	12	TW16	10	19	55	36	3.88											
25	25	25	85	125	90	4	19	M16	14	175	14	125	54	4	54	M52x2	38	54	13	TW18	10	21	60	36	5.53											
32	32	32	95	135	100	4	19	M16	16	175	17	125	64	5	52	M60x2	42	56	13	TW18	10	21	70	36	6.98											
40	40	40	100	140	105	4	19	M16	16	190	20	140	75	6	56	M68x2	50	59	15	TW20	12	23	80	41	8.50											

■ HYDRAULIC INSPECTION ■

TEST PRESSURE MPa (kgf/cm <sup>2</sup> )	BODY	3.24 [33.0]
	SEAT	2.38 [24.2]

■ PRESSURE RATING ■

FLUID CONDITION	MAX. WORKING PRESSURE MPa (kgf/cm <sup>2</sup> )
STEAM OF 205°C OR LESS	1.57 [16]
AIR, GAS, OIL AND PULSATION WATER	
NON-SHOCK WATER OF 120°C OR LESS	2.16 [22]

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	1	
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
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REV	DATE	DESCRIPTION OF REASON	DRAW'G	CHK'D	APP'D
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DESCRIPTION JIS F7349 CAST BRONZE 16kgf/cm<sup>2</sup> ANGLE 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-AGUB-3-A1	REV	0
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