



(Unit:mm)

Nominal dia.	Pipe out dia.		d	l1	l2	l3 (Approx)	Threads d3	K	D	H (Approx)	l4	d2	a	b	H1	H2	H3 (Approx)	Threads d4	d5	Between faces of hexagon			WEIGHT (kg)
	COPPER PIPE	STEEL PIPE																		B1	B2	S3	
6	8/10	10.5	6	28	28	37	M20x1.5	12	28	65	55	16	3	6.5	13.5	27	36	M24x2	10	22	30	32	0.46
10	15	17.3	10	40	35	52	M24x2	16	34	73	65	20	4	8	19	33	44	M30x2	12	27	41	36	0.85
15	20	21.7	15	45	45	58	M30x2	22	42	92	75	27	5	10	27	43	56	M39X2	16	36	46	46	1.46
20	25	27.2	20	50	50	65	M36x2	24	48	104	85	32	5	12	32	48	62	M42x2	17	41	50	50	2.09

■ HYDRAULIC INSPECTION ■

Nominal dia.	TEST PRESSURE MPa [kgf/cm <sup>2</sup> ]	
	BODY	PLUG
6 and 10	2.94 [30]	2.16 [22]
15 and 20	2.36 [24]	1.73 [17.6]

■ PRESSURE RATING ■

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa (kgf/cm <sup>2</sup> )	
	Nominal dia. 6 and 10	Nominal dia. 15 and 20
SATURATED STEAM	0.98 [10]	0.49 [5]
OIL AND PULSATION WATER	1.57 [16]	1.27 [13]
NON-SHOCK WATER OF 120°C OR LESS	1.96 [20]	1.57 [16]

11	SLEEVE	C3604BD	1	
10	UNION NUT	C3604BD	1	
9	PACKING	TEFLON	3-4	
8	NIPPLE FOR STEEL PIPE	S15C	1	
7	NIPPLE FOR COPPER PIPE	C1100BD	1	
6	UNION NUT	C3604BD	1	
5	GLAND NUT	C3771BD	1	
4	PACKING GLAND	C3771BD	1	
3	SEAT RING	C3771BD	1	
2B	PLUG B	BC6	1	
2A	PLUG A	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 F7387 CAST BRONZE 16kgf/cm <sup>2</sup> COCK (S-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-COS-3-A1	REV 0	



技星金屬株式會社  
KEY SUNG METAL CO., LTD