



Bolt holes of flanges shall straddle body center lines.

(Unit:mm)

Nominal dia	d	L	Flange						Height	Body						Hinge pin	Threads	Between faces S of hexagon	WEIGHT (kg)			
			Bolt holes			Nominal dia of bolt	t	H		d1	a	R	D1	H1	Threads					H2	d3	d4
			P.C dia	No.	h																	
25	25	110	95	75	4	12	M10	10	69	50	4	50	58	50	M45x2	25	6	M10x1.25	41	2.24		
32	32	130	115	90	4	15	M12	12	79	58	4	58	66	58	M52x2	30	7	M10x1.25	41	3.07		
40	40	140	120	95	4	15	M12	12	93	65	5	65	75	70	M60x2	36	8	M12x1.25	46	4.34		

■ 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)
OIL AND PULSATION WATER	0.49 (5)
NON-SHOCK WATER OF 120°C OR LESS	0.69 (7)

6	GASKET	TEFLON	2	
5	PLUG	C3771BD	2	
4	HINGE PIN	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 F7371 CAST BRONZE 5kgf/cm² SWING CHECK VALVES

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-SWCH-1-A1	REV 0
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