



BOLT HOLES OF FLANGES SHALL STRADDLE BODY CENTRE LINE.

NO.	PART NAME	MATERIAL	QTY	REMARKS
1	BODY	JIS G 5101-SC480		
2	BONNET	JIS G 5101-SC480		
3	HANDWHEEL	JIS G 5501-FC200		BLACK COLOR
4	DISC	JIS G 5121-SCS2		
5	VALVE SEAT	JIS G 5121-SCS2		
6	DISC NUT	JIS G 4303-SUS420J1		
7	SCREWED BONNET BUSH			
8	BONNET BUSH	JIS H 5111-BC6		
9	PACKING GLAND			
10	STEM	JIS G 4303-SUS403		
11	STUD	JIS G 3101-SS400		ELECTROPLATED
12	STUD	JIS G 3101-SS400		ELECTROPLATED
13	HEXAGON NUT	JIS G 3101-SS400		ELECTROPLATED
14	HEXAGON NUT	JIS G 3101-SS400		ELECTROPLATED
15	HEXAGON NUT	JIS G 3101-SS400		ELECTROPLATED
16	LOCK PIN	JIS G 3101-SS400		
17	SPLIT PIN	JIS H 3260-C2600W		
18	DISC LOCK WASHER	JIS G 4305-SUS304		
19	PACKING	NON-ASBESTOS		
20	GASKET	NON-ASBESTOS		
21	NAME PLATE	-		

* HYDRAULIC INSPECTION
 A) WATERTIGHT INSPECTION FOR VALVE SEAT: 0.76 MPa
 B) HYDRAULIC INSPECTION FOR BODY: 1.03 MPa

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]

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△	FIRST ISSUED	2013.12.20
REV NO.	REVISION	DATE

DIMENSION

SIZE	ϕd	FLANGE JIS5K FF				L	H	H1	H2	$\phi d1$	d2	$\phi D2$	REMARK
		ϕD	ϕC	n- ϕh	t								
50A	50	130	105	4-15	14	210	270	90	120	58	TW20	160	
65A	65	155	130	4-15	14	250	300	105	128	73	TW22	180	
80A	80	180	145	4-19	14	280	310	110	128	88	TW22	180	
100A	100	200	165	8-19	16	340	360	125	148	111	TW26	224	
125A	125	235	200	8-19	16	410	390	145	148	138	TW28	250	
150A	150	265	230	8-19	18	480	445	165	168	163	TW32	280	
200A	200	320	280	8-23	20	570	530	210	185	213	TW36	315	

(Unit:mm)

TITLE		CAST STEEL GLOBE VALVE JIS 5K	
MATERIAL	TRIM	TYPE	SCALE
SC480	SUS		N/S
DATE	2013.12.20		
SIZE	50A~200A		
DWG NO.	7311(7305)-SC-QCJ-GLS01(2)		
DRAWN	DESIGNED	CHECKED	APPROVED
Kim			

