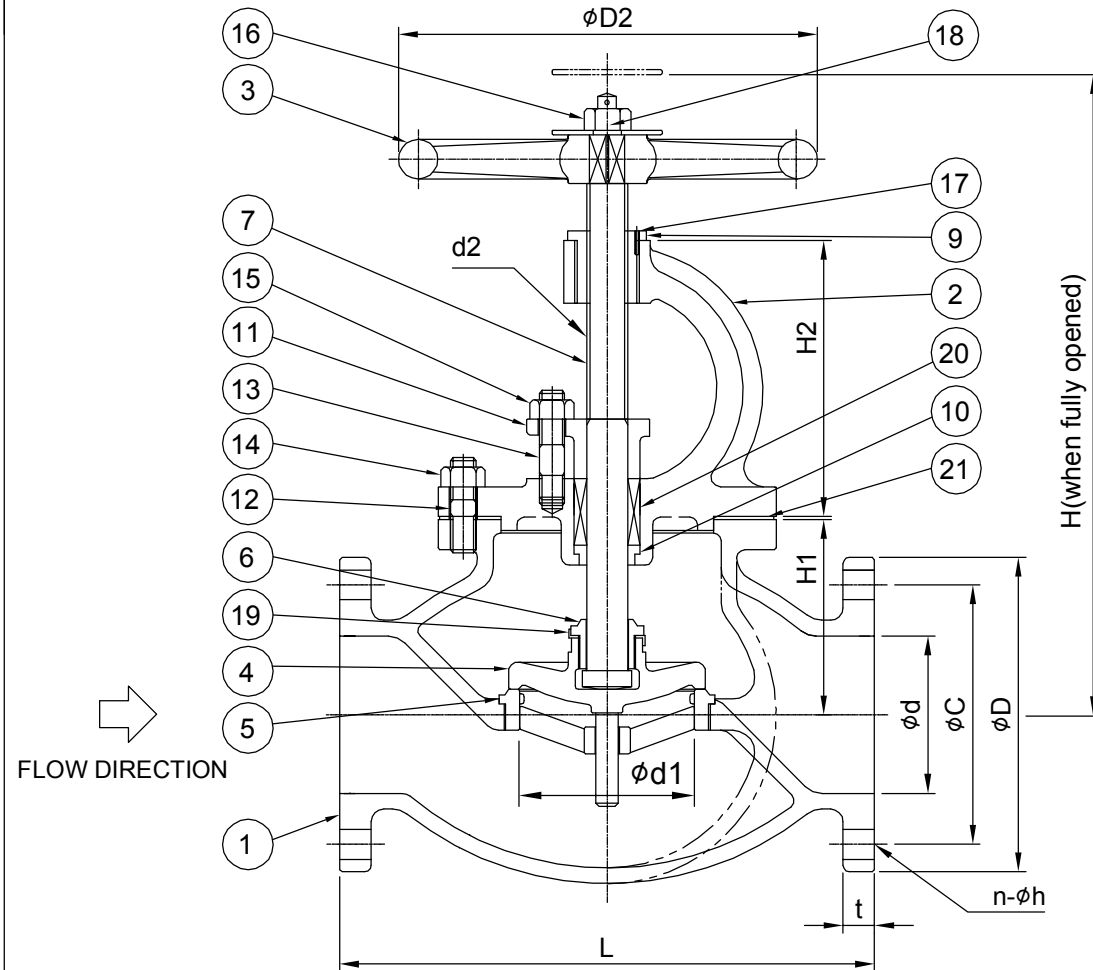


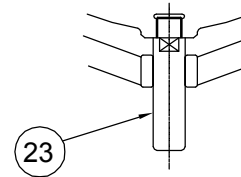


BOLT HOLES OF FLANGES SHALL STRADDLE BODY CENTRE LINE.

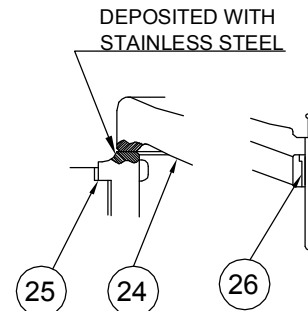
DIMENSION

SIZE	ϕd	FLANGE JIS10K FF				L	H	H1	H2	$\phi d1$	d2	$\phi D2$	REMARK
		ϕD	ϕC	n- ϕh	t								
50A	50	155	120	4-19	16	220	270	90	120	58	TW22	160	
65A	65	175	140	4-19	18	270	300	100	128	73	TW24	200	
80A	80	185	150	8-19	18	300	310	105	128	88	TW24	200	
100A	100	210	175	8-19	18	350	355	125	142	111	TW28	250	
125A	125	250	210	8-23	20	420	415	150	165	138	TW32	280	
150A	150	280	240	8-23	22	490	470	170	185	163	TW36	315	
200A	200	330	290	12-25	22	570	565	210	218	213	TW42	355	
250A	250	400	355	12-25	24	740	645	259	225	265	TW44	400	
300A	300	445	400	16-25	24	840	735	300	249	315	TW48	450	

FOR NOMINAL DIA.
250A or MORE



FOR DISC AND VALVE SEAT
OF SC480(250, 300A)



NO.	PART NAME	MATERIAL	Q'TY	REMARKS
1	BODY	JIS G 5101-SC480		
2	BONNET			
3	HANDWHEEL	JIS G 5501-FC200		BLACK COLOR
4	DISC			
5	VALVE SEAT	JIS G 5121-SCS2		
6	DISC NUT	JIS G 4303-SUS420J1		
7	STEM	JIS G 4303-SUS403		
9	SCREWED BONNET BUSH	JIS H 3250-C6782BD		
10	PACKING BUSH	JIS G 4303-SUS420J1		
11	PACKING GLAND	JIS H 5111-BC6		
12	STUD	JIS G 3101-SS400		ELECTROPLATED
13	STUD	JIS G 3101-SS400		ELECTROPLATED
14	HEXAGON NUT	JIS G 3101-SS400		ELECTROPLATED
15	HEXAGON NUT	JIS G 3101-SS400		ELECTROPLATED
16	HEXAGON NUT	JIS G 3101-SS400		ELECTROPLATED
17	LOCK PIN	JIS G 3101-SS400		
18	SPLIT PIN	JIS H 3260-C2600W		
19	DISC LOCK WASHER	JIS G 4305-SUS304		
20	PACKING	NON-ASBESTOS		
21	GASKET			
22	NAME PLATE	-		
23	DISC GUIDE	JIS G 4303-SUS403	250 or more	
24	DISC	JIS G 5101-SC480	250 or more	
25	VALVE SEAT	JIS G 4303-SUS420J1	250 or more	
26	BUSH	JIS G 4303-SUS420J1	250 or more	

* HYDRAULIC INSPECTION

A) WATERTIGHT INSPECTION FOR VALVE SEAT: 1.51 MPa

B) HYDRAULIC INSPECTION FOR BODY: 2.06 MPa

PRESSURE RATING

FLUID CONDITION	MAXIMUM WORKING PRESSURE MPa [Kgf/cm ²]
STEAM OF 300°C	0.98 [10]
STEAM OF 220°C or LESS	1.18 [12]
AIR, GAS, OIL AND PULSATION WATER	
NON-SHOCK WATER OF 120°C or LESS	1.37 [14]

(Unit:mm)

△			
△			
△	FIRST ISSUED	2013.12.20	
REV NO.	REVISION	DATE	
TITLE	CAST STEEL GLOBE VALVE JIS 10K		
MATERIAL	TRIM	TYPE	SCALE
SC480	SCS2		N/S
DATE	2013.12.20		
SIZE	50A~300A		
DWG NO.	7319-SC-QCJ-GL02(1)		
DRAWN	DESIGNED	CHECKED	APPROVED
Kim			
CNJ C & J Co.			