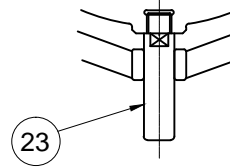


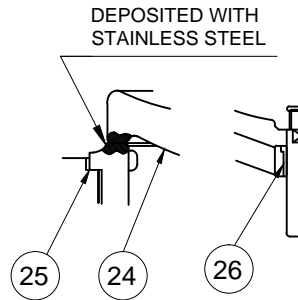
BOLT HOLES OF FLANGES SHALL STRADDLE BODY CENTRE LINE.

FLOW DIRECTION

FOR NOMINAL DIA.
250A or MORE



FOR DISC AND VALVE SEAT
OF SC480(250A or MORE)



NO.	PART NAME	MATERIAL	QTY	REMARKS
1	BODY	JIS G 5101-SC480		
2	BONNET			
3	HANDWHEEL	JIS G 5501-FC200		RED COLOR
4	DISC	JIS G 5121-SCS2		
5	VALVE SEAT			
7	STEM	JIS G 4303-SUS403		
9	SCREW BONNET BUSH	JIS H 3250-C6782 BD		
10	BONNET BUSH	JIS H 5111-BC6		
11	PACKING GLAND	JIS H 5111-BC6		
12	STUD	JIS G 3101-SS50		ELECTROPLATED
13	STUD			ELECTROPLATED
14	HEXAGON NUT	JIS G 3101-SS400		ELECTROPLATED
15	HEXAGON NUT			ELECTROPLATED
16	HEXAGON NUT			ELECTROPLATED
17	LOCK PIN	JIS G 3101-SS400		
18	SPLIT PIN	JIS H 3260-C2600 W		
20	PACKING	NON-ASBESTOS		
21	GASKET			
22	NAME PLATE	-		
23	DISC GUIDE	JIS G 4303-SUS403		
24	DISC	JIS G 5101-SC480		+13Cr Deposited
25	VALVE SEAT			+13Cr Deposited
26	BUSH	JIS G 4303-SUS420J1		

* HYDRAULIC INSPECTION
 A) WATERTIGHT INSPECTION FOR VALVE SEAT:
 INLET SIDE : 1.51 MPa
 OUTLET SIDE : 1.51 MPa to 0.39 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	1.18 [12]
NON-SHOCK WATER OF 120°C or LESS	1.37 [14]

DIMENSION

SIZE	ϕd	FLANGE JIS10K FF				L1	H	H1	H2	$\phi d1$	d2	$\phi D2$	REMARK
		ϕD	ϕC	n- ϕh	t								
50A	50	155	120	4-19	16	120	235	60	120	58	TW22	160	
65A	65	175	140	4-19	18	130	250	60	128	73	TW24	200	
80A	80	185	150	8-19	18	140	255	60	128	88	TW24	200	
100A	100	210	175	8-19	18	160	290	70	142	111	TW28	250	
125A	125	250	210	8-23	20	180	340	85	165	138	TW32	280	
150A	150	280	240	8-23	22	205	385	100	185	163	TW36	315	
200A	200	330	290	12-23	22	230	460	125	218	213	TW42	355	
250A	250	400	355	12-25	24	290	535	150	225	265	TW44	400	
300A	300	445	400	16-25	24	320	610	175	249	315	TW48	450	

(Unit:mm)

REV NO.	FIRST ISSUED	2013.12.20	
	REVISION	DATE	
TITLE	CAST STEEL ANGLE CHECK VALVE JIS 10K		
MATERIAL	TRIM	TYPE	SCALE
SC480	SCS		N/S
DATE	2013.12.20		
SIZE	50A~300A		
DWG NO.	7472-SC-QCJ-AC02(1)		
DRAWN	DESIGNED	CHECKED	APPROVED
Kim			

CNJ C & J Co.