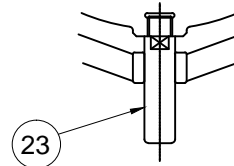


BOLT HOLES OF FLANGES SHALL STRADDLE BODY CENTRE LINE.

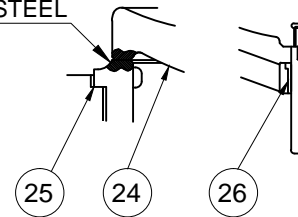
FOR NOMINAL DIA.
250 or MORE



FLOW DIRECTION

FOR DISC AND VALVE
SEAT OF SC480

DEPOSITED WITH
STAINLESS STEEL



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	STEM	JIS G 4303-SUS403		
9	SCREWED BONNET BUSH	JIS H 3250-C6782BD		
10	PACKING BUSH	JIS H 5111-BC6		
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 4305-SUS304		
24	DISC	JIS G 5101-SC480		+13Cr Deposited
25	VALVE SEAT	JIS G 5101-SC480		+13Cr Deposited
26	BUSH	JIS G 4303-SUS420J1		

* 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	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	240	60	120	58	TW22	160	
65A	65	175	140	4-19	18	130	260	60	128	73	TW24	200	
80A	80	185	150	8-19	18	140	265	60	128	88	TW24	200	
100A	100	210	175	8-19	18	160	300	70	142	111	TW28	250	
125A	125	250	210	8-23	20	180	350	85	165	138	TW32	280	
150A	150	280	240	8-23	22	205	400	100	185	163	TW36	315	
200A	200	330	290	12-23	22	230	480	125	218	213	TW42	355	
250A	150	400	355	12-25	24	290	535	150	225	265	TW44	400	
300A	200	445	400	16-25	24	320	610	175	249	315	TW48	450	

(Unit:mm)

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△			
△			
REV NO.	FIRST ISSUED	2013.12.20	
	REVISION	DATE	
TITLE		CAST STEEL ANGLE VALVE	
		JIS 10K	
MATERIAL	TRIM	TYPE	SCALE
SC480	SCS2		N/S
DATE	2013.12.20		
SIZE	50A~300A		
DWG NO.	7320-SC-QCJ-ANS02(1)		
DRAWN	DESIGNED	CHECKED	APPROVED
Kim			

CNJ C & J Co.