



FLOW DIRECTION

BOLT HOLES OF FLANGES SHALL STRADDLE BODY CENTRE LINE.

NO.	PART NAME	MATERIAL	QTY	REMARKS
1	BODY	JIS G 5101-SC480		
2	COVER			
3	VALVE PLATE			
4	CASING ARM FOR VALVE PLATE	JIS H 5111-BC6		
5	COUNTERWEIGHT	JIS H 2105-CLASS 1		
6	SPINDLE BOX			
7	PACKING GLAND NUT	JIS H 5111-BC6		
8	PACKING GLAND			
9	SPINDLE	JIS G 4303-SUS403		
10	VALVE AXLE	JIS H 3250-C3771BD		
11	WASHER	BRASS		
12	STUD BOLT AND NUT	JIS G 3101-SS400		ELECTROPLATED
13	HEX. BOLT AND NUT	JIS G 3101-SS400		ELECTROPLATED
14	HEX. BOLT AND NUT	JIS G 3101-SS400		ELECTROPLATED
15	GASKET			
16	GASKET	NON-ASBESTOS		
17	PACKING			
19	GASKET	RUBBER		
20	SET PLATE FOR GASKET	JIS H 3100-C2600P		
21	SET SCREW FOR GASKET	BRASS		
22	SET SCREW	JIS H 3250-C3604BD		
23	HANDLE	JIS G 5501-FC200		BLACK COLOR
24	HEX. NUT	JIS H 3250-C3771BD		
25	WASHER	BRASS		
26	SPLIT PIN	JIS H 3260-C2600W		
27	OPENING INDICATOR	JIS H 5111-BC6		
28	OPENING INDICATOR PLATE	JIS H 3100-C2801 P		
29	SET SCREW	JIS H 3260-C2700W		

\* HYDRAULIC INSPECTION

- A) HYDRAULIC INSPECTION OF BODY  
 THE BODY SHALL BE SUBJECTED TO A HYDRAULIC TEST PRESSURE OF 5.1 kgf/cm<sup>2</sup> AND NO DEFECT SHALL BE FOUND ON ALL PARTS OF THE BODY.
- B) OPERATION INSPECTION  
 ON THE CONDITION NOT SCREWED DOWN BY SPINDLE, THE OPERATION OF VALVE SHALL BE SMOOTH, AND CONTACT OF THE VALVE PLATE WITH THE SEAT SHALL BE SUCH THAT IT BEGINS TO OPEN WHEN THE BODY IS LISTED ABOUT 5° TOWARD OPENING DIRECTION.

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△	FIRST ISSUED	2013.12.20
REV NO.	REVISION	DATE

DIMENSION

(Unit:mm)

SIZE	φd	FLANGE JIS5K FF				H	H1	L	L1	L2	REMARK
		φD	φC	n-φh	t						
50A	50	130	105	4-15	14	210	125	131	70	60	
65A	65	155	130	4-15	14	240	145	141	78	62	
80A	80	180	145	4-19	14	260	155	155	90	64	
100A	100	200	165	8-19	16	280	170	171	100	70	
125A	125	235	200	8-19	16	330	185	195	125	71	
150A	150	265	230	8-19	18	360	205	212	135	76	
200A	200	320	280	8-23	20	500	125	265	171	94	

TITLE		CAST STEEL SCREWDOWN VERTICAL STORM VALVE JIS 5K		
MATERIAL	TRIM	TYPE	SCALE	
SC480	SUS		N/S	
DATE	2013.12.20			
SIZE	50A~200A			
DWG NO.	3060-SC-QCJ-VS01			
DRAWN	DESIGNED	CHECKED	APPROVED	
Kim				
<b>CNJ</b> C & J Co.				