



DIMENSIONS. UNIT: mm

NOMINAL SIZE	in.	mm	d	H	L	END FLANGE							
						D	BOLT HOLE		BOLT SIZE	g	t	f	
						c	NO.	h					
1.1/2	40	40	40	110	165	127	98.5	4	16	1/2	73	14.3	1.6
2	50	50	50	120	203	152	120.5	4	19	5/8	92	15.9	1.6
2.1/2	65	65	65	133	216	178	139.5	4	19	5/8	105	17.5	1.6
3	80	80	80	147	241	190	152.5	4	19	5/8	127	19.1	1.6
4	100	100	100	161	292	229	190.5	8	19	5/8	157	23.9	1.6
5	125	125	125	191	330	254	216	8	22	3/4	186	23.9	1.6
6	150	150	150	216	356	279	241.5	8	22	3/4	216	25.4	1.6
8	200	200	200	264	495	343	298.5	8	22	3/4	270	28.6	1.6
10	250	250	250	287	622	406	362	12	25	7/8	324	30.2	1.6
12	300	300	300	315	698	483	432	12	25	7/8	381	31.8	1.6
14	350	337	363	787	533	476.5	476.5	12	29	1	413	35.0	1.6
16	400	387	407	864	597	539.5	539.5	16	29	1	470	36.6	1.6

NOTE (1) VALVE SIZE (inch) IDENTIFICATION.
 (2) EITHER SCS13A OR S13A IS INDICATED.



NO	NAME OF PARTS	QTY	MATERIALS	SPECIFICATIONS
				ASTM SPEC.
1	BODY	1	STAINLESS STEEL	A351 Gr. CF8
2	COVER	1	STAINLESS STEEL	A351 Gr. CF8
4	DISC	1	STAINLESS STEEL	A351 Gr. CF8
13	DISC NUT	1	STAINLESS STEEL	A276 TYPE304
14	PIN	1	STAINLESS STEEL	A276 TYPE316L
16A	NAME PLATE	1	ALUMINUM	
16B	WASHER	1	STAINLESS STEEL	A276 TYPE304
17	HINGE PIN	1	STAINLESS STEEL	A276 TYPE304
18A	PLUG	1	STAINLESS STEEL	A276 TYPE304
18B	PLUG	1	STAINLESS STEEL	A276 TYPE304
19	GASKET	1	FLEXIBLE GRAPHITE	
33	COVER NUT	1S	STAINLESS STEEL	A194 Gr. 8
35	COVER BOLT	1S	STAINLESS STEEL	A193 Gr. B8
44	GASKET	1S	FLEXIBLE GRAPHITE	
69	ARM	1	STAINLESS STEEL	A351 Gr. CF8
70	WASHER	1	STAINLESS STEEL	A276 TYPE316
		1	STAINLESS STEEL	A276 TYPE316L
				(SIZE 3-6)
75	EYE BOLT	1	CARBON STEEL	
				1S=1 SET

STANDARD	FACE TO FACE OR END TO END		ASME B16.10	CLASS 150
	END CONNECTION		ASME B16.5	CLASS 150
	WALL THICKNESS		ASME B16.34	CLASS 150
	PRESSURE TEST		API 598	
FIGURE			150UOA	

CLASS 150 CAST STAINLESS STEEL
 SWING CHECK VALVES

BOLTED COVER, FLANGED ENDS.

DATE APPD	AUG. 29. '11	DRAWING NO	△		
APPD BY	I. TAKANO	963-B10001	△		
CHKD BY	K. NAKAMURA		△		
DSGND BY	F. KOJIMA		△		
DRAWN BY	M. HORIGOME		REV-11	MARK	DATE

KITZ CORPORATION