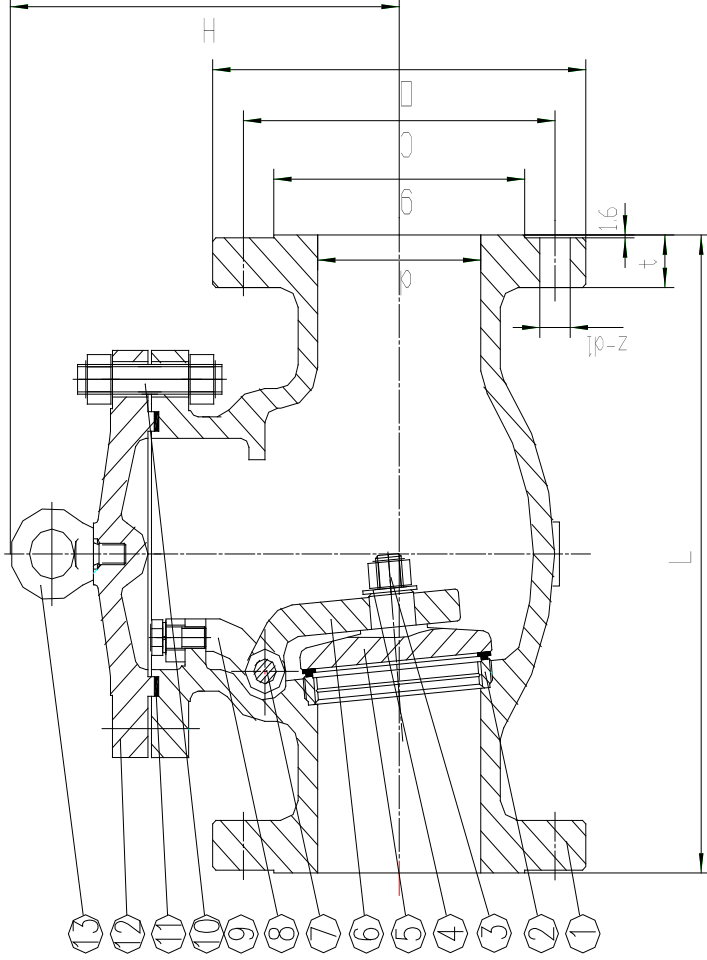


**TECHNICAL REQUIREMENTS**

1. DESIGN AND MANUFACTURE: BS 1868 or API 6D
2. FACE TO FACE: ASME / ANSI B16.10
3. END FLANGE DIMENSIONS: ASME / ANSI B16.5
4. PRESSURE-TEMP: ASME / ANSI B16.34
5. PRESSURE TEST: API 598



NO	PART NAME	MATERIAL
1	BODY	A216 WCB
2	SEAT RING	A105 + STL
3	DISC NUT	A182 F6
4	WASHER	A182 F6
5	DISC	A216 WCB+13Cr
6	HINGE	A216 WCB
7	HINGE PIN	A182 F6
8	YOKE	A216 WCB
9	COVER BOLT	A193 B7
10	COVER NUT	A194 2H
11	GASKET	304 + GRAPHITE
12	COVER	A216 WCB
13	EYE SCREW	CARBON STEEL or ALLOY STEEL

SIZES	GENERAL DIMENSIONS					FLANGE DIMENSIONS				
	d	H	W	L	O	C	g	t	Z-d1	
50NB CLASS 150	51	165	-	203	152	120.5	92	16	4 - 19	
65NB CLASS 150	64	175	-	216	178	139.5	105	18	4 - 19	
80NB CLASS 150	76	190	-	241	190	152.5	127	19	4 - 19	
100NB CLASS 150	102	215	-	292	229	190.5	157	24	8 - 19	
125NB CLASS 150	127	260	-	330	254	216	186	24	8 - 22	
150NB CLASS 150	152	280	-	356	279	241.5	216	26	8 - 22	
200NB CLASS 150	203	330	-	495	343	298.5	270	29	8 - 22	
250NB CLASS 150	254	365	-	622	406	362	324	31	12 - 25	
300NB CLASS 150	305	415	-	698	483	432	381	32	12 - 25	
350NB CLASS 150	337	500	-	787	533	476	413	35	12 - 29	
400NB CLASS 150	387	540	-	864	597	540	470	37	16 - 29	
450NB CLASS 150	438	600	-	978	635	578	533	40	16 - 32	
500NB CLASS 150	489	670	-	978	699	635	584	43	20 - 32	
600NB CLASS 150	591	750	-	1295	813	749.5	692	48	20 - 35	

REV A

DATE MAY 2005

SCALE TO FIT

**PIPELINE DYNAMICS**

**CK150**

**WCB SWING CHECK VALVE CLASS 150 RF**