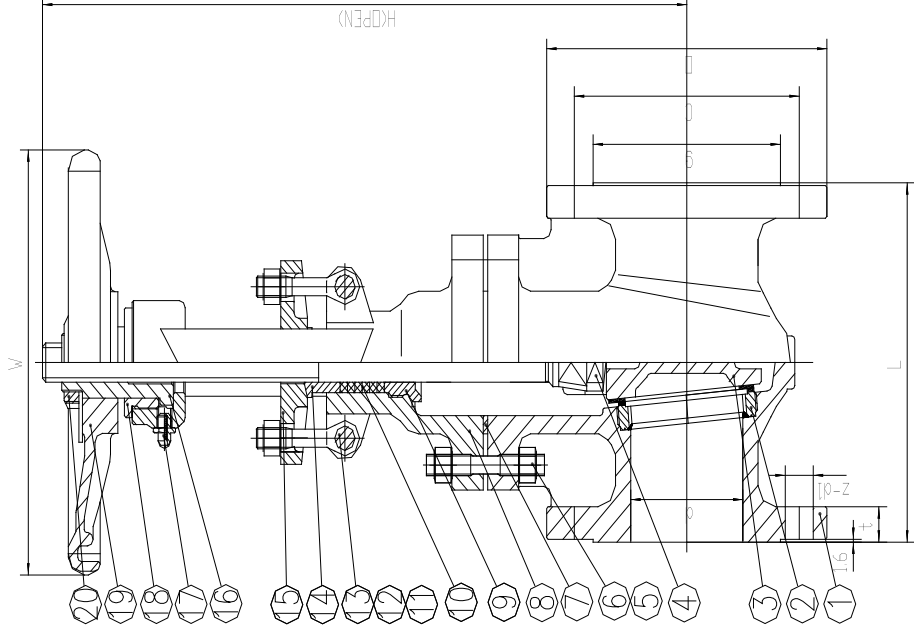


TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE: API 600 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	WEDGE	A216 WCB+13Cr
4	STEM	A182 F6
5	BONNET BOLT	A193 B7
6	BONNET NUT	A194 2H
7	GASKET	SS304 + GRAPHITE
8	BONNET	A216 WCB
9	BACKSEAT BUSHING	A182 F6
10	STEM PACKING	GRAPHITE
11	GLAND NUT	A194 2H
12	PIN	45
13	GLAND EYEBOLT	A193 B7
14	GLAND	A182 F6
15	GLAND FLANGE	A216 WCB
16	STEM NUT	ZCuA10Fe3
17	OIL CUP	
18	RETAINING NUT	AISI 1035
19	HAND WHEEL	DUCTILE IRON
20	H.W. LOCK NUT	AISI 1035

SIZES	GENERAL DIMENSIONS					FLANGE DIMENSIONS				
	d	H	W	L	O	C	g	t	Z - d1	
40NB CLASS 150	38	290	160	165	127	98.5	73	15	4 - 15	
50NB CLASS 150	51	409	200	178	152	120.5	92	16	4 - 19	
65NB CLASS 150	108	475	200	190	178	139.5	105	18	4 - 19	
80NB CLASS 150	127	532	250	203	190	152.5	127	19	4 - 19	
100NB CLASS 150	152	612	250	229	229	190.5	157	24	8 - 19	
125NB CLASS 150	178	690	300	254	254	216	186	24	8 - 22	
150NB CLASS 150	190	806	300	267	279	241.5	216	26	8 - 22	
200NB CLASS 150	229	990	350	292	343	298.5	270	29	8 - 22	

REV A	PIPELINE DYNAMICS	
DATE	AUG 2005	GA150
SCALE	TO FIT	
		GATE VALVE OS&Y CLASS 150 RF