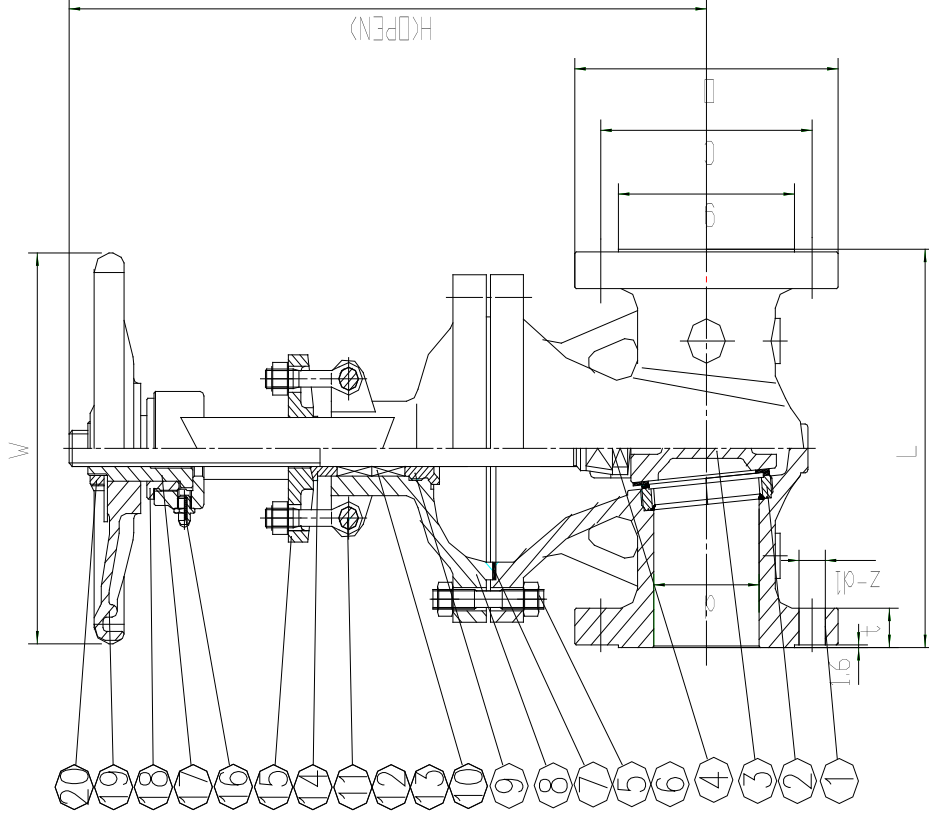


TECHNICAL REQUIREMENTS

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	A351 CF8M
2	SEAT RING	A182 F316 + STL
3	WEDGE	A351 CF8M
4	STEM	A182 F316
5	BONNET BOLT	A193 B8
6	BONNET NUT	A194 8
7	GASKET	SS316 + GRAPHITE
8	BONNET	A351 CF8M
9	BACK SEAT	A182 F316
10	STEM PACKING	GRAPHITE
11	PIN	45
12	GLAND EYE BOLT	A193 B8
13	GLAND NUT	A194 8
14	GLAND	A182 F316
15	GLAND FLANGE	A351 CF8M
16	OIL CUP	
17	STEM NUT	ZCuAl10Fe3
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 300	38	370	200	190		156	114.5	73	21	4 - 22
50NB CLASS 300	51	420	200	216		165	127	92	23	8 - 19
80NB CLASS 300	76	538	250	283		210	168.5	127	29	8 - 22
100NB CLASS 300	102	615	300	305		254	200	157	32	8 - 22
125NB CLASS 300	127	705	300	381		279	235	186	35	8 - 22
150NB CLASS 300	152	810	350	403		318	270	216	37	12 - 22
200NB CLASS 300	203	1005	450	419		381	330	270	42	12 - 25

REV A	PIPELINE DYNAMICS	
DATE	AUG 2005	SSGA300
SCALE	TO FIT	
		316SS GATE VALVE OS&Y CLASS 300 RF