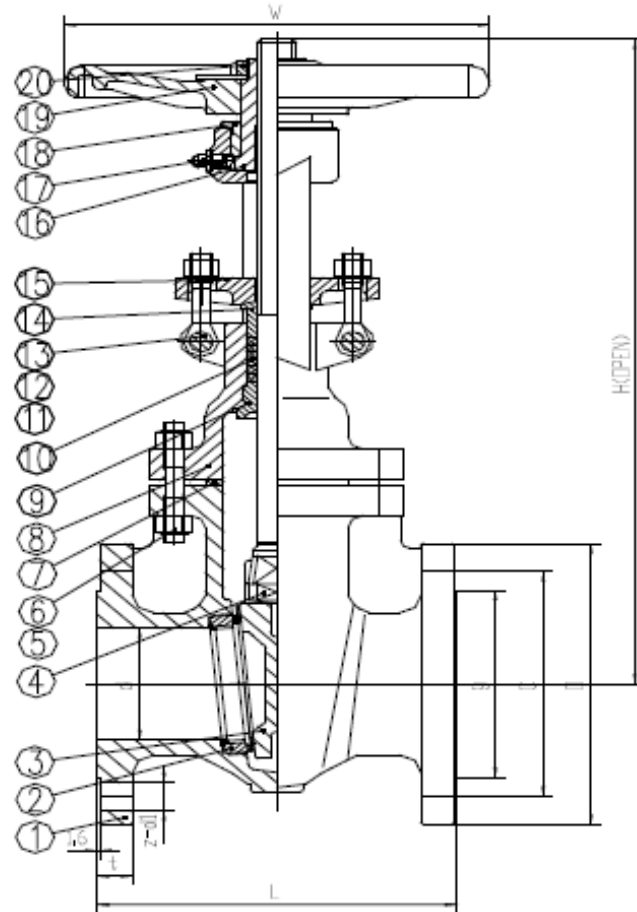


## TECHNICAL REQUIREMENTS

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	BACKSEAT BUSHING	A182 F316
10	STEM PACKING	GRAPHITE
11	GLAND NUT	A194 8
12	PIN	45
13	GLAND EYEBOLT	A193 B8
14	GLAND	A182 F316
15	GLAND FLANGE	A351 CF8M
16	STEM NUT	ZCuAl10Fe3
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	64	475	200	190	178	139.5	105	18	4 - 19
80NB CLASS 150	76	532	250	203	190	152.5	127	19	4 - 19
100NB CLASS 150	102	612	250	229	229	190.5	157	24	8 - 19
125NB CLASS 150	127	690	300	254	254	216	186	24	8 - 22
150NB CLASS 150	152	806	300	267	279	241.5	216	26	8 - 22
200NB CLASS 150	203	990	350	292	343	298.5	270	29	8 - 22

REV A	<h1>JOHN VALVES</h1> <h2>7010A/SS</h2> <h3>316SS GATE VALVE OS&amp;Y CLASS 150 RF</h3>		
DATE			MAY 2005
SCALE			TO FIT