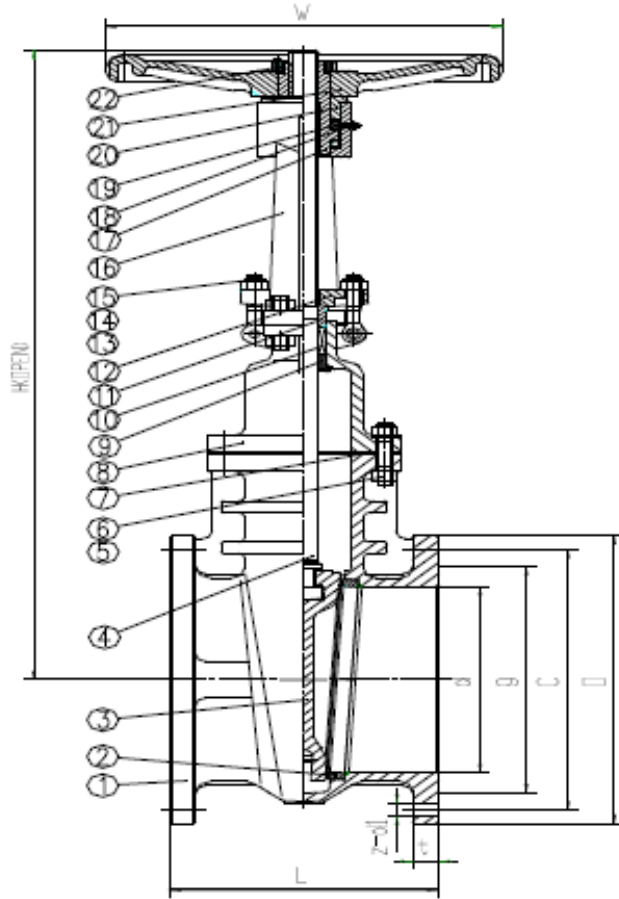


TECHNICAL REQUIREMENTS

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	A182 F316
12	GLAND FLANGE	A351 CF8M
13	GLAND NUT	A194 8
14	PIN	45
15	GLAND EYEBOLT	A193 B8
16	YOKE	A351 CF8M
17	STEM NUT	ZCuAl10Fe3
18	OIL CUP	
19	BEARING	
20	RETAINING NUT	AISI 1035
21	HAND WHEEL	DUCTILE IRON
22	H.W. LOCK NUT	AISI 1035

SIZES	GENERAL DIMENSIONS				FLANGE DIMENSIONS				
	d	H	W	L	O	C	g	t	Z-d1
250NB CLASS 150	254	1186	400	330	406	362	324	31	12 - 25
300NB CLASS 150	305	1415	400	356	483	432	381	32	12 - 25
350NB CLASS 150	337	1583	450	381	533	476	413	35	12 - 29
400NB CLASS 150	387	1771	500	406	597	540	470	37	16 - 29
450NB CLASS 150	438	1915	550	432	635	578	533	40	16 - 32
500NB CLASS 150	489	2300	600	457	699	635	584	43	20 - 32
550NB CLASS 150	540	2500	650	483	750	692.1	641	46	20 - 35
600NB CLASS 150	591	2700	650	508	813	749.5	692	48	20 - 35

REV A	JOHN VALVES	
DATE	MAY 2005	7010A/SS
SCALE	TO FIT	
316SS GATE VALVE OS&Y CLASS 150 RF		