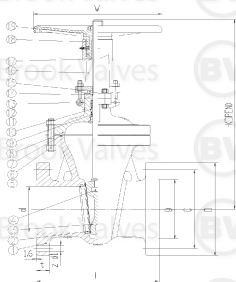


TECHNICAL REQUIREMENTS

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	STEM PACKING	GRAPHITE
10	LANTERN	A182 F316
11	PIN	45
12	GLAND EYEBOLT	A193 B8
13	GLAND NUT	A194 8
14	GLAND	A182 F316
15	GLAND FLANGE	A351 CF8M
16	YOKE	A351 CF8M
17	STEM NUT	ZCuAl10Fe3
18	HAND WHEEL	ANSI 1035

SIZES	GENERAL DIMENSIONS				FLANGE DIMENSIONS					
	d	H	W	L	D	C	g	t	Z - d1	
250NB CLASS 300	254	1275	450	457	445	387.5	324	48	16 - 29	
300NB CLASS 300	305	1438	450	502	521	451	381	51	16 - 32	
350NB CLASS 300	337	1585	500	762	584	514.5	413	54	20 - 32	
400NB CLASS 300	387	1960	550	838	648	571.5	470	58	20 - 35	
450NB CLASS 300	432	2155	600	914	711	628.5	533	61	24 - 35	
500NB CLASS 300	483	2180	650	991	775	688	584	64	24 - 35	
600NB CLASS 300	584	2570	700	1143	914	813	682	70	24 - 41	

REV A	BROOK VALVES		
DATE			MAY 2005
SCALE			TO FIT
SSGA300			
316SS GATE VALVE OS&Y CLASS 300 RF			