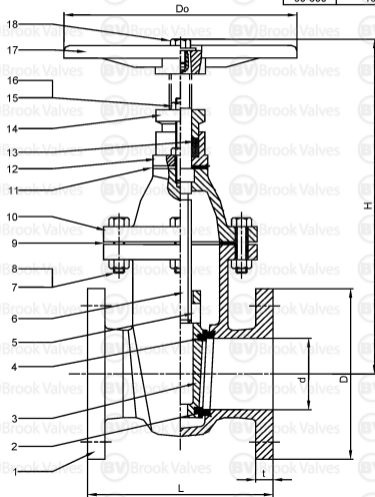


TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE PER BS 5150
2. PRESSURE-TEMPERATURE RATINGS PN16
3. PRESSURE TEST BS 6755
4. FACE TO FACE DIMENSION PER BS 5150
5. FLANGE CONNECTION DIMENSION PER BS10 TABLE E

PRESSURE TEST			
DN	PRESSURE RATING (PN)	HYDRO-TEST PRESSURE (Mpa)	
		BODY	SEAT
50-600	16	2.4	1.76

NO	PART NUMBER	MATERIAL
1	BODY	CAST IRON
2	BODY SEAT RING	BRONZE
3	WEDGE	CAST IRON
4	WEDGE SEAT RING	BRONZE
5	STEM NUT	BRONZE
6	STEM NUT	410 STAINLESS STEEL
7	BONNET BOLT	ASTM A307B
8	NUT	ASTM A307B
9	GASKET	GRAPHITE WITH SOFT STEEL
10	BONNET BOLT	CAST IRON
11	MINIPAD	GRAPHITE WITH SOFT STEEL
12	STUFFING BOX	CAST IRON
13	PACKING	GRAPHITE
14	GLAND	CAST IRON
15	STUD BOLT	ASTM A307B
16	NUT	ASTM A307B
17	WHEEL	CAST IRON
18	WHEEL NUT	ASTM A307B



SIZE	d	D	t	H	L	Do
50	152	19	302	178	200	
65	165	19	322	191	200	
80	184	19	380	203	200	
100	216	23	420	229	240	
125	254	23	475	254	240	
150	279	23	480	267	280	
200	337	26	645	292	350	
250	406	26	750	330	400	
300	457	29	870	356	460	
350	527	35	1000	381	600	
400	578	36	1080	406	600	
450	635	39	1180	432	600	
500	699	43	1380	457	600	
600	813	50	1460	508	750	

REV	D	BROOK VALVES	
DATE	JAN 2011	B600UD	
SCALE	TO FIT		
NON-RISING STEM WEDGED GATE VALVE FLANGED TABLE E - UNDRILLED			