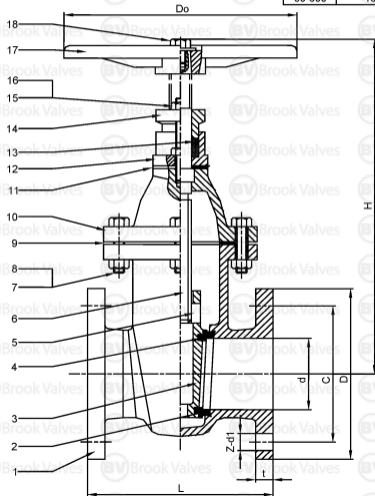


TECHNICAL REQUIREMENTS

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	C	t	H	z - d1	L	Do
50	152	114	19	302	4 - 18	178	200
65	165	127	19	322	4 - 18	191	200
80	184	146	19	380	4 - 18	203	200
100	216	178	23	420	8 - 18	229	240
125	254	210	23	475	8 - 18	254	240
150	279	235	23	480	8 - 22	267	280
200	337	292	26	645	8 - 22	292	350
250	406	356	26	750	12 - 22	330	400
300	457	406	29	870	12 - 26	356	460
350	527	470	35	1000	12 - 26	381	600
400	578	521	36	1080	12 - 26	406	600
450	635	584	39	1180	16 - 26	432	600
500	699	641	43	1380	16 - 26	457	600
600	813	756	50	1460	16 - 33	508	750

REV D	BROOK VALVES	
DATE	JAN 2011	B600E
SCALE	TO FIT	
NON-RISING STEM WEDGED GATE VALVE FLANGED TABLE E		