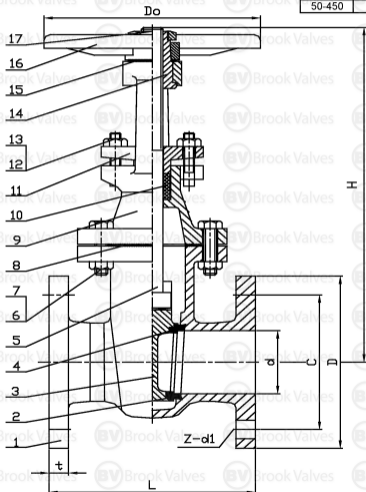


### TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE PER MSS SP-70
2. PRESSURE RATINGS 200 PSI
3. PRESSURE TEST MSS SP-70
4. FACE TO FACE DIMENSION PER ANSI B16.10
5. FLANGE CONNECTION DIMENSION PER ANSI B16.1

PRESSURE TEST			
DN	PRESSURE RATING (PSI)	HYDRO-TEST PRESSURE (PSI)	
		BODY	SEAT
50-450	200	350	220

SIZE d	D	C	t	H	Z-d1	L	Do
50	152	120.5	16	330	4 - 20	178	180
65	178	139.5	18	385	4 - 20	191	180
80	191	152.5	19	420	4 - 20	203	200
100	229	190.5	24	500	8 - 20	229	200
125	254	216	24	660	8 - 23	254	250
150	279	241.5	25	740	8 - 23	267	280
200	343	298.5	29	930	8 - 23	292	300
250	406	362	30	1130	12 - 26	330	360
300	483	432	32	1330	12 - 26	356	400
350	533	476.5	35	1533	12 - 29	381	450
400	597	540	37	1905	16 - 29	406	450
450	635	578	40	2072	16 - 32	432	640



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

REV A	<b>BROOK VALVES</b>	
DATE	JAN 2016	<b>B601A</b>
SCALE	TO FIT	
<b>RIISING STEM WEDGED GATE VALVE FLANGED ANSI 125 FF</b>		