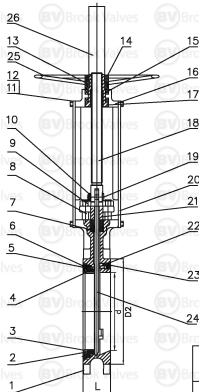
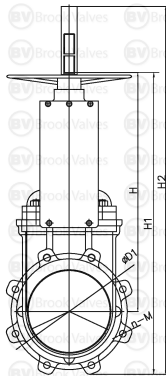


DESIGN & MFT	MSS SP-81	ENDS CONNECTION	FULL LUGGED
PRE-TEMP. RATING	ISO 7005-1	INSPECT & TEST	MSS SP-81-2001
F.F DIMENSION	MSS SP-81-2001	FLANGED DIMENSION	BS D/E, ASME 150#
MARKING	MSS-SP-25	LOGO	BV IN A CIRCLE
PAINTING	N/A	TEST PRESSURE	MSS SP-81

SIZE	L	D1			D2			d	H	H1	H2	n-M * FULL LUGGED		
		T/D	T/E	ANSI 150	T/D	T/E	ANSI 150					T/D	T/E	ANSI 150
50	48	114	121	90	90	100	80	304	365	423	4 - M16	4 - M16	4 - 5/8" UNC	
65	48	127	140	103	103	113	75	360	425	490	4 - M16	4 - M16	4 - 5/8" UNC	
80	51	146	152	122	122	132	90	366	458	542.5	4 - M16	4 - M16	4 - 5/8" UNC	
100	51	178	191	154	154	158	105	409.5	514	622	4 - M16	8 - M16	8 - 5/8" UNC	
125	57	210	216	186	186	190	130	460	580	720	8 - M16	8 - M16	8 - 3/4" UNC	
150	57	235	241	207	211	216	158	510	645	805	8 - M16	8 - M20	8 - 3/4" UNC	
200	70	292	298	264	268	270	210	613	774	985	8 - M16	8 - M20	8 - 3/4" UNC	
250	70	356	362	328	328	324	260	737	938	1200	8 - M20	12 - M20	12 - 7/8" UNC	
300	76	406	432	370	370	370	310	835	1061	1384	12 - M20	12 - M24	12 - 7/8" UNC	
350	76	470	476	429	429	429	360	967	1224	1575	12 - M24	12 - M24	12 - 1" UNC	
400	89	521	540	480	480	480	410	1061	1382	1792	12 - M24	12 - M24	16 - 1" UNC	



NO	PART NAME	MATERIAL
1	BODY	A351 CF8M
2	SEAT	SS316+Cr
3	SEALING COVER	A351 CF8M
4	O-RING	NBR
5	O-RING	NBR
6	HEX STUD	A193 B8
7	PACKING	PTFE
8	STUD	A193 B8
9	HEX. SCREW	A193 B8
10	SPLIT PIN	SS304
11	WASHER	SS304
12	HEX. SCREW	A193 B8
13	KEY	45
14	ROUND NUT	45
15	BEARING	STEEL
16	BEARING BLOCK	ZG25
17	STEM NUT	A439 D2
18	STEM	SS304
19	ROUND PIN	SS304
20	PLATE YOKE	SS304
21	PACKING COVER	A351 CF8M
22	RETAINER	PTFE
23	HEX. SCREW	A193 B8
24	DISC	SS316+Cr
25	HANDWHEEL	DUCTILE IRON
26	STEM TOP COVER	SS304

REV C	BROOK VALVES	
DATE	OCT 2013	BKGV - METAL
SCALE	TO FIT	
316 SS BODY & GATE LUGGED 316 SEAT KNIFE GATE VALVE		RATED 10 BAR