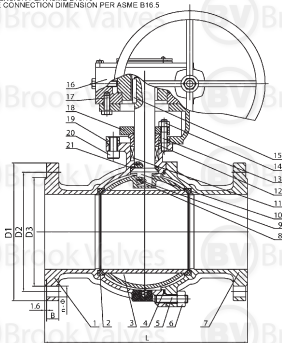


TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE PER ASME B16.34
2. VALVE INSPECTION AND TEST PER API 598
3. F/F DIMENSION PER ASME B16.10
4. FLANGE CONNECTION DIMENSION PER ASME B16.5



NO	PART NAME	MATERIAL
1	LEFT BODY	A351 CF8M
2	BALL SEAT	RPTFE
3	BALL	SS316
4	GASKET	SS + FLEXIBLE GRAPHITE
5	BOLT	A194 B8
6	NUT	A193 B8M
7	RIGHT BODY	A351 CF8M
8	SMALL BALL	SS304
9	SMALL SPRING	SS304
10	STEM	SS316
11	PACKING	FLEXIBLE GRAPHITE
12	GLAND BUSHING	SS316
13	BOLT	A194 B8
14	NUT	A193 B8M
15	KEY	1045
16	MANUAL OPERATOR	CAST IRON
17	SCREW	1035
18	PACKING GLAND	A351 CF8M
19	YOKE	A216 Gr WCB
20	SCREW	1035
21	THRUST WASHER	PTFE
	SEALING FACE	SS316 / PTFE

SHELL HYDROSTATIC TEST PRESSURE	2.9 MPa
SEAT HYDROSTATIC TEST PRESSURE	2.1 MPa
SEAT AIR TEST PRESSURE	0.6 MPa
CLASS	150Lb

SIZES		D1	D2	D3	B	n - φ	L
200NB	CLASS150LB	φ 343	φ298.8	φ 270	29	8 - φ 22	457
250NB	CLASS150LB	φ 406	φ362.0	φ 324	31	12 - φ 25	533

REV A	BROOK VALVES	
DATE	MAY 2005	SSBL150G
SCALE	TO FIT	
316SS FIRESAFE API 607 BALL VALVE CLASS 150 GEAR OP		