



FIRESAFE API 607

TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE PER ANSI B16.34
2. VALVE INSPECTION AND TEST PER API 598
3. FACE TO FACE DIMENSION PER ANSI B16.10
4. FLANGE CONNECTION DIMENSION PER ANSI B16.5

NO.	PARTS	MATERIAL
1	LEFT BODY	ASTM A216 WCB
2	BALL SEAT	R-PTFE
3	BALL	SS316
4	GASKET	SS + FLEXIBLE GRAPHITE
5	NUT	ASTM A194 2H
6	BOLT	ASTM A193 B7
7	RIGHT BODY	ASTM A216 WCB
8	STEM	SS316
9	THRUST WASHER	R-PTFE
10	ANTISTATIC BALL	ASTM A182 F316
11	SMALL SPRING	ASTM A182 F316
12	PACKING GASKET	GRAPHITE
13	MIDDLE PACKING	GRAPHITE
14	TOP PACKING	GRAPHITE
15	GLAND BUSHING	ASTM A276 316
16	PACKING GLAND	ASTM A216 WCB
17	LIMIT PLATE	ASTM A307 B
18	SNAP RING FOR SHAFT	AISI 1566
19	LEVER	ASTM A216 WCB
20	SCREW	ASTM A307 A

SIZE	DN	D1	D2	D3	B	n - F	L
15	13	95	66.5	35	15	4 - 16	140
20	19	117	82.5	43	16	4 - 19	152
25	25	124	89	51	18	4 - 19	165
40	38	156	114.5	73	21	4 - 22	190
50	50	165	127	92	23	8 - 19	216
65	64	190	149	105	26	8 - 22	241
80	76	210	168.5	127	29	8 - 22	283
100	102	254	200	157	32	8 - 22	305

REV B	BROOK VALVES	
DATE	JUN 2012	BL300L
SCALE	TO FIT	
CS FIRESAFE BALL VALVE CLASS 300 LEVER OP		