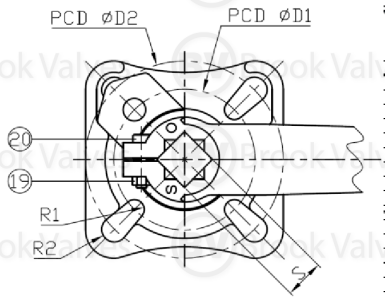
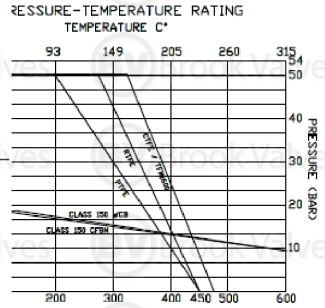
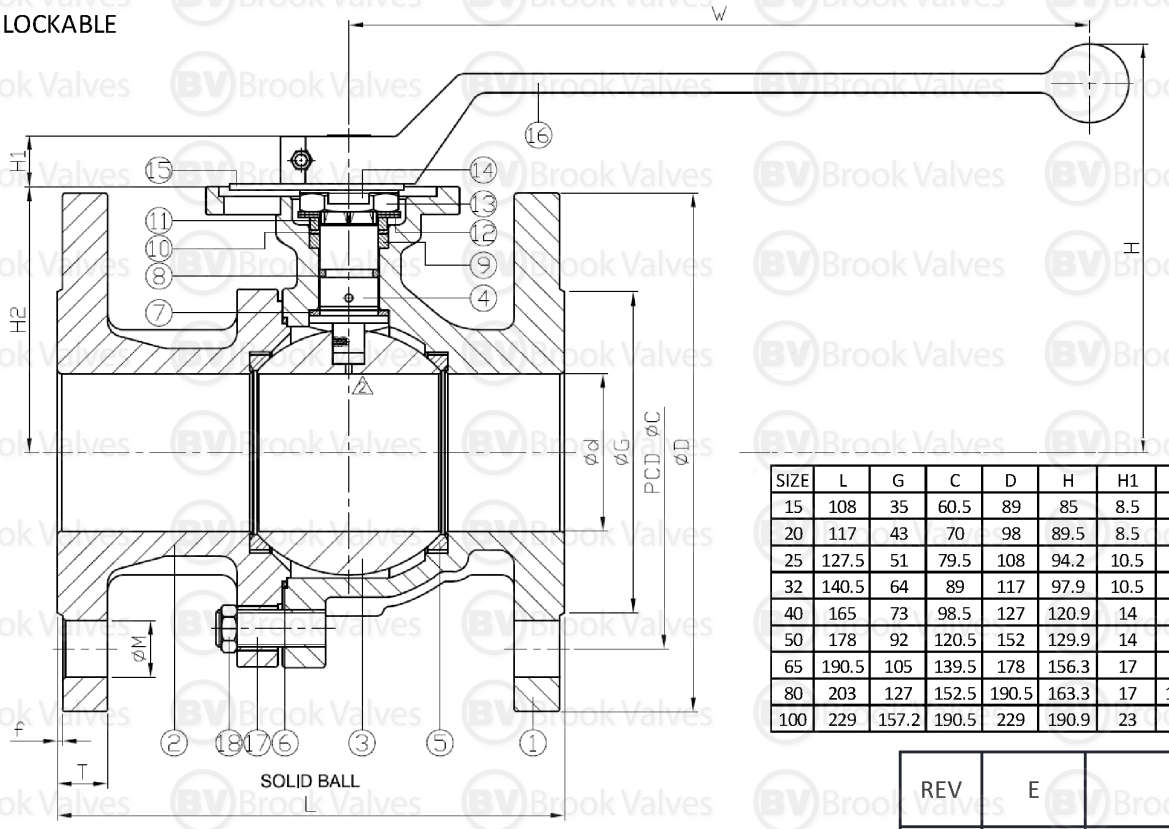
TECHNICAL REQUIREMENTS

1- FLANGED ENDS TO ANSI B16.34 & B16.5
2- FACE TO FACE TO ANS B16.10
3- ANTI-STATIC DEVICE
4- BLOW-OUT PROOF STEM
5- ISO 5211 DIRECT MOUNT PAD
6- FIRESAFE TO API 607 Edition 5
7- DESIGN TO API 608
8- PRESSURE TEST TO API 598
9- LOCKABLE





ITEM	PART	MATERIAL
1	BODY	ASTM A216 WCB
2	CAP	ASTM A216 WCB
3	BALL	ASTM A351 - CF8M
4	STEM	ASTM A276-316
5	SEAT	TFM1600
6	BODY SEAL	GRAPHITE
7	THRUST WASHER	CTFE
8	O RING	VITON
9	PACKING A	GRAPHITE
10	PACKING B	CTFE
11	GLAND RING	AISI 304
12	BELLEVILLE WASHER	AISI 301
13	STEM NUT	AISI 304
14	LOCK WASHER	AISI 304
15	STOPPER	AISI 304
16	HANDLE	AISI 304
17	STUD	AISI 304
18	NUT	AISI 304
19	NUT	AISI 304
20	BOLT	AISI 304



Fire Safe Certified to API 607 5th Edition

SIZE	L	G	C	D	H	H1	H2	W	T	f	S	D1	D2	R1	R2	M	TORQUE Nm BREAK	TORQUE Nm ACTION
15	108	35	60.5	89	85	8.5	50.5	190	11.1	1.6	9	36	42	2.75	2.75	16	5.2	3
20	117	43	70	98	89.5	8.5	54	190	11.6	1.6	9	36	42	2.75	2.75	16	8	4.7
25	127.5	51	79.5	108	94.2	10.5	59	190	11.6	1.6	11	42	50	2.75	3.5	16	12.5	9
32	140.5	64	89	117	97.9	10.5	62	190	12.7	1.6	11	42	50	2.75	3.5	16	14	11
40	165	73	98.5	127	120.9	14	76.5	235	14.3	1.6	14	50	70	3.5	4.5	16	24.5	18
50	178	92	120.5	152	129.9	14	84.5	235	16	1.6	14	50	70	3.5	4.5	19	32	23
65	190.5	105	139.5	178	156.3	17	105	325	17.5	1.6	17	70	102	4.5	5.5	19	38	27
80	203	127	152.5	190.5	163.3	17	110.5	325	19.1	1.6	17	70	102	4.5	5.5	19	45	30
100	229	157.2	190.5	229	190.9	23	136	325	24	1.6	22	102	125	5.5	6.5	19	55	37

REV	E	BROOK VALVES
DATE	May-20	CS2020D
SCALE	TO FIT	CAST STEEL FIRESAFE API 607 BALL VALVE CLASS 150