



TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE: API 602
2. FACE TO FACE: ASME / ANSI B16.10
3. END FLANGE DIMENSIONS: ASME / ANSI B16.5
4. PRESSURE-TEMP: ASME / ANSI B16.34
5. PRESSURE TEST: API 598

NO.	PART NAME	MATERIAL
1	BODY	ASTMA105
2	DISC	A182 F6a
3	SEAT	A182 F6a + STL
4	GASKET	304 + GRAPHITE
5	BONNET	ASTMA105
6	BOLT	A193 B7
7	PIN	A276 410
8	HINGE	A182 F6a
9	NUT	A194 2H

SIZE	L	D	D1	D2	N - d	t	f	d
15	108	89	60.5	35	4-16	11	2	10.3
20	117	98.5	70	43	4-16	12.5	2	13.5
25	127	108	79.5	51	4-16	14	2	18
32	140	117.5	89	63.5	4-16	16	2	23
40	165	127	98.5	73	4-16	17.5	2	29

TEST Mpa	SHELL TEST PRESSURE	WATER	3.00
	SEAL TEST PRESSURE		2.20
	BACKSEAT TEST PRESSURE	AIR	N/A
	PNEUMATIC TEST PRESSURE		N/A

REV A	BROOK VALVES	
DATE	FEB 2016	CK150
SCALE	TO FIT	WCB CHECK VALVE CLASS 150 RF