



#### TECHNICAL REQUIREMENTS

1. DESIGN AND MANUFACTURE TO CONFORM TO API602
2. FACE TO FACE TO CONFORM TO MANUFACTURER
3. SOCKET WELD ENDS CONFORM TO ASME B16.11
4. TEST & INSPECT CONFORM TO API598

PERFORMANCE SPECIFICATION			
CLASS		800Lb	
TESTING	SHELL TEST	19.5	Mpa
	BACK SEAT TEST	14.5	
	SEAL TEST	14.5	
	AIR TEST	0.6	
WORKING TEMP.		-29--NO.	deg C
MEDIUM:W.O.G.		1	

NO.	PART NAME	MATERIAL
1	BODY	A105 + STL
2	DISC	A182 F6a
3	STEM	A182 F6a
4	GASKET	SS + GRAPHITE
5	BONNET	A105
6	HEX. BOLT	A193 B7
7	PACKING	FLEXIBLE GRAPHITE
8	GLAND	A276 410
9	GLAND FLANGE	A105
10	GLAND NUT	A194 2H
11	GLAND EYEBOLT	A193 B7
12	YOKE NUT	1033
13	NAMEPLATE	SS 304
14	BOLT	CAST STEEL
15	WASHER	STAINLESS STEEL
16	HANDWHEEL	KTH330-08

SIZE	L	E	L1	d	W	H
15	79	21.8	10	10	96	170
20	92	27.2	13	13	96	172
25	111	33.9	13	17	120	207
32	120	42.7	13	22	156	228
40	152	48.8	13	27	156	270
50	172	61.2	16	33	250	320

REV B

**BROOK VALVES**

DATE Mar 2017

**GL800-SW**

SCALE TO FIT

**GLOBE VALVE OS&Y CLASS 800 SOCKET WELD**