



### Technical Requirements

1. Design & Manufacture conform to API 602
2. Face to Face to factory standard
3. SW ends conforms to ASME B16.11
4. Test & Inspect conform to API 598

Performance List			
Class		800LB	
Test	Shell Test	21.0	MPa
	Back seal Test		
	Seal Test	15.4	
	Air Seal	0.6	
Temp.		≤425°C	

18	Flat Nut	1035+Zin
17	Nameplate	304
16	Handwheel	A197
15	Stem Nut	410
14	Gasket	410
13	Hex Nut	A194 8M
12	Gland Flanged	A182 F304
11	Eye Bolt	A193 B8
10	Gland	316
9	Pin	304
8	Packing	Graphite
7	Bolt	A193 B8
6	Bonnet	A182 F304
5	Gasket	304+Graphite
4	Stem	A182 F304
3	Disc	A182 F304
2	Seat	A182 F304
1	Body	A182 F304

2	140	61.2	16	2
1 1/2	120	48.7	13	1 1/2
1 1/4	120	42.6	13	1 1/4
1	111	33.9	13	1
3/4	92	27.2	13	3/4
1/2	79	21.8	10	1/2
NPS	L	ØD	B	SW

No.	Name	Material
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Gate Valve			FIG NO	
			F801	
DESIGN			STV VALVE TECHNOLOGY	
CHECKED			GROUP CO.,LTD	
STANDARD			DRAWING NO	REV
APPROVED				