



Notice:

1. Design and manufacture by API 602
2. SW ends to ASME B16.11
3. Face to face dimensions to Manufacturer's standard
4. Pressure temperature rating by ASME B16.34
5. Valve tested by API 598

NPS	d1	L	D	L1	W
1/2	9.5	79	21.8	9.6	100
3/4	12.5	92	27.1	12.7	100
1	17	111	33.8	12.7	125
1-1/4	21	120	42.6	12.7	160
1-1/2	28	152	48.7	12.7	160
2	36	172	61.1	16.0	180

Performance Specification

Pressure Rating		800LB	
Test pressure	Shell test	21.0	MPa
	Back seal test	15.4	
	Seal test	15.4	
	Gas test	0.6	
Max. working temperature		500	°C

18	Seat	316
17	Packing	Graphite
16	Packing	Graphite
15	Hand Wheel	A197
14	Name plate	LY12
13	Nut	A194 2H
12	Stem Nut	ASTM A29 1045
11	Nut	A194 8M
10	Gland Flange	A182 F316
9	Bolt	A193 B8M
8	Gland	316
7	Pin	316
6	Bolt	A193 B8M
5	Bonnet	A182 F316
4	Gasket	316+Graphite
3	Stem	316
2	Disc	316
1	Body	A182 F316
NO.	PART NAME	MATERIALS

		PTV Solutions®	
DRAWN BY		TITLE:	GLOBE VALVE Class800
CHECKED BY		DRG. NO:	1/2"-2" J61H-800LB
APPROVED BY			
DATE	2023		