



specification			
Class		1500	
test pressure	strength test	27.5	MPa
	back seat test	23.1	
	sealing test	23.1	
	air sealing test	0.5~0.7	
max. working temp.		540	°C
suitable media: water, steam, oil			

Technical Requirement

1. pressure-temp. rating confirms to ASME B16.34
2. Construction design confirms to API 602
3. The end confirms to ASME B16.25
4. Inspecting & testing accord to API 598

NPS-DN		Class 1500 Dimensions			
in	mm	L	pipe Sch		
1/2	15	111	sch80		
3/4	20	111	sch80		
1 1/2	40	140	sch80		

16	Pipe	ASTM A335 P11	2	
15	lock nut	ASTM 1025	1	
14	Handwheel	ASTM A197	1	
13	stem nut	ASTM A276 420	1	
12	nut	ASTM A194 4	2	
11	eye bolt	ASTM A193 B16	2	
10	gland	ASTM A182 F11	1	
9	gland busting	ASTM A276 304	1	
8	packing	FLEXIBLE GRAPHITE	SET	
7	Bonnet Bolt	ASTM A193 B16	SET	
6	Bonnet	ASTM A182 F11	1	
5	Bonnet Gasket	304+GRAPHITE	1	
4	Stem	ASTM A276 410	1	
3	Disc	ASTM A276 410+STL	1	
2	Seat	ASTM A276 410+STL	2	
1	Body	ASTM A182 F11	1	

NO	PART NAME	MATERIAL	QTY.	REMARKS
GATE VALVE				FIG NO Z61Y1500
DESIGN BY				
CHECKED BY				
STANDARD BY			DRAWING NO	REV
APPROVED BY				
THE USER CONFIRM			DATE	