



specification			
Class		300	
test pressure	strength test	7.5	MPa
	back seat test	5.5	
	sealing test	5.5	
	air sealing test	0.5~0.7	
max. working temp.		425	°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. Face to face confirms to ASME B16.10
4. Flange confirms to ASME B16.5
5. Inspecting & testing accord to API 598

18	flange	ASTM A105	2	
17	ORIENTED PIN	ASTM 1045	1	
16	Bellows	ASTM A276 304	1	
15	lock nut	ASTM 1025	1	
14	Handwheel	ASTM A197	1	
13	stem nut	ASTM A276 420	1	
12	nut	ASTM A194 2H	2	
11	eye bolt	ASTM A193 B7	2	
10	gland	ASTM A105	1	
9	gland busting	ASTM A276 410	1	
8	packing	FLEXIBLE GRAPHITE	SET	
7	Bonnet Bolt	ASTM A193 B7	SET	
6	Bonnet	ASTM A105	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 A105	1	

NO	PART NAME	MATERIAL	QTY.	REMARKS
GATE VALVE				FIG NO WZ41Y300
DESIGN BY				
CHECKED BY				
STANDARD BY			DRAWING NO	REV
APPROVED BY				
THE USER CONFIRM			DATE	

NPS-DN		Class 300 Dimensions								
in	mm	L	D	K	Y	C	n-∅M	f1	H	
3/4	20	162	117	82.6	44.4	16	4-∅19	4.8	31.8	
1	25	175	124	88.9	49.2	17.5	4-∅19	4.8	36.5	
2	50	226	165	127	84.1	22.5	8-∅19	4.8	71.4	