

Performance Standard								
Nominal Bore	NPS	1"~2"						
Nominal Pressure	PSI	6000						
Pressure Test								
Shell Test	63.0							
Seal Test	46. 2	Mpa						
Backseat Test	46. 2	мра						
Air Test	0.6							
Working Temperature	-46°C ~ 200°C							
Suitable Medium	Water. Oil. Gas. Steam. etc							

Main outline size and connection

NPS	L	Н	Do	NPT
1"	80	95	74	1"
1 1/4"	91	108	93	1 1/4"
1 1/2"	100	125	120	1 1/2"
2"	128	150	130	2"

1	Nondestructive Testing		
1.1	Pressure Test	Mandatory	Yes
1.2	Chemical composition certification	Mandatory	Yes
1.3	Penetrant Test	Mandatory	Yes
1.4	Magnetic particle testing	Mandatory	Yes

Technical Requirements

- 1. Design & manufacture as to:MFR-STD
- 2. Face-to-face dimension standard as to:MFR-STD
- 3. NPT Threaded Standard as to:ASME B1.20.1 $\,$
- 4. Testing record as to:API 598

10	Handle	1	SS.
	Disc		ASTM A182 F316
9	Stem	1	ASTM A182 F316
8	Packing bolt	1	ASTM A182 F316
7	Panel nut	1	ASTM A182 F316
6	Bonnet	1	ASTM A182 F316
5	Bolt	1	ASTM A182 F316
4	Packing seat	3	PTFE
3	Packing supports	1	ASTM A182 F316
2	Supports	1	ASTM A182 F316
1	Body	1	ASTM A182 F316
NO.	NAME OF PART	QTY	MATERIAL

				NEEDLE VALVE				



NPS 1"-2" 6000PSI NPT