



Performance Specifications

CLASS 150			
Test Pre-ssure	Shell Test	3.0	MPa
	Back Seal Test	2.2	
	Seal Test	2.2	
	Air Test	0.6	
SuitableTemp.	-29~425 °C		
Suitable Media	W.O.G.etc		

19	Lock Nut	AISI 1025
18	HandWheel	Ductile Iron
17	Retaining Nut	AISI 1025
16	Stem Nut	ASTM A439 D2
15	Nipple	Copper Alloy
14	Gland Nut	ASTM A194 2H
13	Gland Eyebolt	ASTM A193 B7
12	Gland Flange	ASTM A216 WCB
11	Gland	ASTM A182 F6a
10	Stem Packing	Flexible Graphite
9	Backseat Bushing	ASTM A182 F6a
8	Bonnet Nut	ASTM A194 2H
7	Bonnet Bolt	ASTM A193 B7
6	Bonnet	ASTM A216 WCB
5	Gasket	SS304+Flexible Graphite
4	Stem	ASTM A182 F6a
3	Wedge	ASTM A216 WCB+13Cr
2	Seat Ring	ASTM A105+13Cr
1	Body	ASTM A216 WCB
No.	Parts Name	Material

Technical Requirements

1. Design & manufacture conform to API 600
2. Face to Face dimension conforms to ASME B16.10
3. Flange dimension conforms to ASME B16.5
4. Test & Inspect conform to API 598

CLASS	NPS	Main Dimension (mm)									
		d	D1	D2	D3	b	f	L	H	W	n- ϕ
150	3	76	190	152.5	127	19	1.6	203	515	250	4- ϕ 19
	4	102	229	190.5	157	24		229	595	280	8- ϕ 19
	6	152	279	241.5	216	26		267	780	300	8- ϕ 22

TITLE	API CAST STEEL, NPS 3-NPS 6, CLASS 150, HW-OP BB, RF, OS&Y, GATE VALVES		
DESIGNED BY		DRAWN BY	
CHECKED BY		APPROVED BY	
DRAWING No.		DATE	