



NPS	DN	Typical Dimensions			PN25 Flange Dimensions					
		L	-	-	D	D1	D2	b	f	Z-ød
-	80	280	-	-	200	160	138	24	3	8-18
-	100	300	-	-	235	190	162	24	3	8-22
-	150	350	-	-	300	250	218	28	3	8-26
-	200	400	-	-	360	310	278	30	3	12-26
-	250	450	-	-	425	370	335	32	3	12-30

Performance Specification			
PN		25	
Test Pressure	Shell test	3.8	MPa
	Seal test	2.8	
	Back seal Test	2.8	
	Air Seal Test	0.4~0.7	

Notice:

- 1.Design by EN 1984
- 2.Face to Face by EN 558-1
- 3.RF Flange by EN 1092-1
- 4.Valves tested by EN 12266-1
- 5.On DN150 and Large Valves the Stem Nut with Ball Bearing
- 6.On DN150 and Large Valves the Bonnet with Yoke

14	Handwheel	CAST IRON	
13	Axletree	E51100	
12	Stem Nut	Copper Alloy	
11	Yoke	ASTM A216-WCB	
10	Packing	FLEXIBLE GRAPHITE	
9	Back Seat	deposited 13Cr	
8	Bonnet	ASTM A216-WCB	
7	Gasket	FLEXIBLE GRAPHITE/304	
6	Bonnet Bolt Nut	ASTM A194 Gr.2H	
5	Bonnet Bolt	ASTM A193 Gr.B7	
4	Stem	ASTM A182-F6a	
3	Wedge Disc	ASTM A216-WCB deposited 13Cr	
2	Seat	deposited 13Cr	
1	Body	ASTM A216-WCB	
NO	PART NAME	MATERIAL	REMARKS

GATE VALVE				FIG NO	
DESIGN BY	Xiasj	20160922	CHINA · BAOYI (VALVE) GROUP		
CHECKED BY			DRAWING NO		
STANDARD BY			REV		
APPROVED BY					
THE USER CONFIRM			DATE		