


Nominal Diameter	Main Dimension (mm)Class300							
	inch	DN	D	D1	D2	b	n-∅d	L
3"	80	210	168.3	127	29	8-∅22	318	1.6
4"	100	255	200	157.2	32	8-∅22	356	1.6
5"	125	280	235	185.7	35	8-∅22	400	1.6

Technical Requirements

1. Design & manufacture conform to BS 1868
2. Face-to-Face conforms to ANSI B16.10
3. Flange dimensions conform to ANSI B16.5
4. Test & Inspect conform to API 598

16	Disc Washer	Carbon Steel	
15	Disc Nut	A194 2H	
14	Pin	A276 410	
13	Eye Bolt	Carbon Steel	
12	Cover Bolt	A193 B7	
11	Cover Nut	A194 2H	
10	Cover	A216 WCB	
9	Gasket	SS304+Graphite	
8	Stud	A193 B7	
7	Washer	Carbon Steel	
6	Yoke	A216 WCB	
5	Shaft	A276 410	
4	Hinge	A216 WCB	
3	Disc	A216 WCB+STL	
2	Seat Ring	A105+STL	
1	Body	A216 WCB	
NO	PART NAME	MATERIAL	REMARKS

SPECIFICATIONS				DESIGNED BY				
Nominal pressure		Class300		CHECKED BY				DRAWING NO
Testing Pressure	Shell Test	7.5	MPa	STANDARDIZED BY		H44Y-300		0
	Closure Test	5.5		APPROVED BY		Swing Check Valve		
	Back seat Test	/		THE USER CONFIRM		DATE	2018-05-17	
	Air Test	/						
Temperature		-29~350°C						
Applicable Media		Water,Oil,Steam						