



TECHNICAL REQUIREMENTS

- 1.DESIGN AND MANUFACTURER STANDARD: GB/T12237-2021;
- 2.FACE TO FACE STANDARD: GB/T12221-2005;
- 3.FLANGE END STANDARD: DIN EN1092;
- 4.INSPECTION AND TEST STANDARD: EN 12266-1;

SIZE		Main dimensions(mm)					
DN	INCH	L	D	D1	D2	n-d	b
15	1/2	130	95	65	45	4-14	14
20	3/4	140	105	75	55	4-14	14
25	1	150	115	85	65	4-14	14
32	1-1/4	165	135	100	78	4-18	16
50	2	200	160	125	100	4-18	16
65	2-1/2	220	180	145	120	4-18	18
80	3	250	195	160	135	8-18	20
100	4	280	215	180	155	8-18	20

Tolerance for linear dimensions:

- 1)Length: 10-250mm, tolerance: ±2.0mm.
- 2)Length: 250-500mm, tolerance: ±3.0mm.
- 3)Length: 500-800mm, tolerance: ±4.0mm.
- 4)Length: 800-1000mm, tolerance: ±5.0mm.
- 5)Length: 1000-1600mm, tolerance: ±6.0mm.
- 6)Length: 1600-2250mm, tolerance: ±8.0mm.

Technical Specification			
Nominal Pressure		1.6	Mpa
Test Pressure	Shell	2.4	
	Seal	1.76	
	Air Seal	0.6	
Working Temperature		≤150	°C
Working Medium:		Water	

12	Handle	WCB	
11	Packing gland	CF8M	
10	Packing	PTFE	
9	Gasket	PTFE	
8	Stem	SS316	
7	Bonnet	CF8M	
6	Stud	SS316	
5	Nut	SS316	
4	Gasket	PTFE	
3	Ball	SS316	
2	Seat	PTFE	
1	Body	CF8M	
NO.	Item	Material	Remark