



SIZE	DN(mm)	D	L	W	H
1/4"	6	5	39	70	30.8
3/8"	10	7	44	80	36
1/2"	15	9	52	88	38
3/4"	20	12	56	92	38
1"	25	15	67	117	47
1-1/4"	32	20	75	115	52
1-1/2"	40	25	81	130	57
2"	50	32	93	140	64.5

Main Technical Parameter			
Normal pressure		1000	Psi
Test pressure	Shell test pressure	10.5	MPa
	Tightness test	7.7	
	Gas-Tightness test	0.6	
Max working temperature		-20-180	°C
Applicable medium: water, gas, oil, acid			

TECHNICAL SPECIFICATION

1. Basic design and manufacture according to ANSI B16.34
2. BSPT Threaded ends
3. Inspection and tested according to API598

NO	Parts Name	Material	NO	Parts Name	Material
1	Body	ASTM A351 CF8M	9	Packing	PTFE
2	Bonnet	ASTM A351 CF8M	10	Packing Gland	ASTM A276 201
3	Metal Washer	ASTM A276 304	11	Handle	ASTM A276 201
4	Seat	PTFE	12	Spring washer	ASTM A193-B8
5	Ball	ASTM A182 316	13	Handle Nut	ASTM A194-B8M
6	Seat	PTFE	14	Handle Sleeve	PLASTIC
7	Stem	ASTM A276 316			
8	Stem Gasket	PTFE			