



Material List :

NO.	PARTNAME	MATERIAL
1	Body	1.4408
2	Cap	1.4409
3	Ball	CF8M
4	Seat	PTFE
5	Stem	SUS316
6	Gasket	PTFE
7	Thrust Washer	TFM4215
8	O-Ring	VITON
9	Packing	PTFE
10	Gland	SUS304
11	Spring Washer	SUS304
12	Stem Nut	SUS304
13	Stop Washer	SUS304
14	Hex Nut	SUS304
15	Bolt Washer	SUS304
16	Joint Bolt	SUS304

Pressure Rating	PN63	
Shell Strength Test (P10)	Water	94.5 bar
Shell Tightness Test (P11)	Water	94.5 bar
Seat Tightness Test (P12)	Air	6 bar

Standard Compliant:

1. Design & Manufacture acc. to Manufacture's Standard
2. Butt-Welding Dimensions acc. to Drawing
3. End-to-End acc. to Drawing
4. Pressure Test & Inspection acc. to EN 12266-1

Dimensions :

SIZE		d	L	C	N	M	T	ISO 5211	E	H1	W1	Ra	Rb
NPS	DN												
3/8"	10	12.7	140	52	9.53	7.75	0.89	F03-F04	36-42	9	9	R3	R3
1/2"	15	15	140	52	12.7	9.4	1.65	F03-F04	36-42	9	9	R3	R3
3/4"	20	20	140	55.5	19.05	15.75	1.65	F03-F04	36-42	9	9	R3	R3
1"	25	25	152	62.5	25.4	22.1	1.65	F04-F05	42-50	11	11	R3	R3.5
1-1/2"	40	38	190	86	38.1	34.8	1.65	F05-F07	50-70	14	14	R3.5	R4.5
2"	50	50	203	107	50.8	47.5	1.65	F05-F07	50-70	14	14	R3.5	R4.5
2-1/2"	65	65	254	134	63.5	60.2	1.65	F07-F10	70-102	17	17	R4.5	R5.5
3"	80	80	280	155	76.2	72.9	1.65	F07-F10	70-102	17	17	R4.5	R5.5
4"	100	100	317	192	101.6	97.38	2.11	F10-F12	102-125	22	22	R5.7	R6.7

