



Technical Specification

1. Design and manufacture: ASTM B16.34
2. Test and Inspection: API598
3. Face to face: ASTM B16.10
4. Flange: ASTM B16.5
5. After test, empty the medium, dry

Performance Table			
Nominal pressure	150LB	MPa	
T E S T	Strength test		3.0
	Seal test		2.2
	Air seal test	0.4~0.7	
Applicable temperature: -29°C~150°C			
Applicable Medium: water, oil, gas			

4"	100	98	229	145	19	157.2	190.5	230	70	102	22.3	8- ϕ 19.1	F07/F10
3"	80	78	203	114	17	127	152.4	190	70	102	22.3	4- ϕ 19.1	F07/F10
2 1/2"	65	65	190	104	17	104.8	139.7	180	70	102	20.7	4- ϕ 19.1	F07/F10
2"	50	50	178	85	14	92.1	120.7	150	50	70	17.5	4- ϕ 19.1	F05/F07
1 1/2"	40	38	165	75	14	73	98.4	125	50	70	15.9	4- ϕ 15.9	F05/F07
1 1/4"	32	32	140	62	11	63.5	88.9	115	42	50	14.3	4- ϕ 15.9	F04/F05
1"	25	25	127	58	11	50.8	79.4	110	42	50	12.7	4- ϕ 15.9	F04/F05
3/4"	20	20	117	53	7	42.9	69.9	100	36	42	11.2	4- ϕ 15.9	F03/F05
1/2"	15	15	108	48	7	34.9	60.3	90	36	42	9.6	4- ϕ 15.9	F03/F05
NPS	DN	D	L	S	h	D_1	D_2	D_3	d_1	d_2	t	n- ϕ d	ISO5211

17	hexagon nut	2	201/304
16	hexagon bolt	2	201/304
15	packing	1	WCB/CF8/CF8M
14	disc spring	2	SS
13	packing gland	1	304/316
12	packing	1	PTFE/RPTFE
11	stem	1	304/316
10	O ring	1	VITON
9	thrust washer	1	PTFE/RPTFE
8	spring	2	SS
7	seat	2	PTFE/RPTFE
6	ball	1	304/316
5	CAP	1	WCB/CF8/CF8M
4	BODY	1	WCB/CF8/CF8M
3	seal	1	PTFE
2	hexagonal screw		201/304
1	bolt		201/304
NO	NAME		Material

		Q41F-150LB		PTV Solutions
		2PC high mounting pad ball valve		
				Assembly drawing
				Q41F-150LB-00