



1/2"-4" Encapsulated and ISO mounting pad.
Mounting pad connection size please refer to the standard ISO5211

SIZE	A	B	C	D	E	F	G	H	I	J	Breakaway Torque (IN. LBS)
1/2"	90.5	9.4	25.2	64	131	9	F03	F04	37	15	80
3/4"	103.4	15.75	25.2	68	131	9	F03	F04	43	19	85
1"	114.2	22.1	50.5	86	169	11	F04	F05	51	29	120
1.5"	136.7	34.8	50.5	122.5	213	14	F05	F07	71	39	230
2"	153.2	47.5	64	122.5	213	14	F05	F07	79	54	450
2.5"	167.3	60.2	77.5	139.5	213	14	F05	F07	94	67	600
3"	192.3	72.9	91	165	320	17	F07	F10	109.5	79	1050
4"	239.5	97.4	119	177	320	17	F07	F10	123	105	1600

No.	Name	Number	Material
1	Body	1	ASTM-A351-CF8M
2	Cap	2	ASTM-A351-CF8M
3	Hexnut	4	SS304
4	Bolt	4	SS304
5	Seat	2	PTFE
6	Ball	1	SS316L
7	Stem	1	SS316L
8	Stem packing	2	PTFE
9	Ring	1	PTFE
10	O-Ring	1	VITON
11	Thrust washer	3	PTFE
12	Gasret	1	SS304
13	Butterfly spring	2	SS304
14	Hexnut	1	SS304
15	Hexnut	1	SS304
16	belleveille washer	1	SS304
17	Bolt	1	SS304
18	Butterfly spring	2	SS304
19	Handle	1	SS304
20	Handle nut	1	SS304
21	Lock washer	1	SS304
22	Handle cover	1	PLASTIC
23	Stop pin	1	SS304

Technical Parameters:
Specification: 1/2"-4"
Material: 316L/CF8M
Applicable temperature: -4/302° F (-20/150° C)
Sealing material: PTFE
Pressure: 1/2"-2"=1000psi; 2.5"-4"=800psi.
Ball Finish: ID Ra≤0.6um; OD Ra≤0.6um.
Internal treatment of the valve body: CNC machining of the inner surface, Ra0.6um
Certification: 3A

Size: 1/2" to 4"		SS316L		PITANCO	
Sanitary three-piece full port					
DESIGN	X. CW	DATE		WEIGHT	
CHECKED					
APPROVED					