

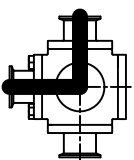
No.	Name	Number	Material
1	Body	1	ASTM-A351-CF8M
2	Cap	4	ASTM-A351-CF8M
3	Bolt	16	SS304
4	Seat	2	PTFE
5	Ball	1	SS316L
6	Stem	1	SS316L
7	Stem packing	4	PTFE
8	Ring	1	PTFE
9	O-Ring	1	VITON
10	Thrust washer	3	PTFE
11	Gasret	1	SS304
12	Hexnut	2	SS304
13	Butterfly spring	2	SS304
14	Hexnut	1	SS304
15	bellville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

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

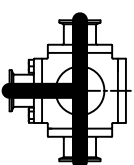
1/2"-4" Encapsulated and ISO mounting pad.
 Mounting pad connection size please refer to the standard ISO5211

SIZE	L	d	D	E	H	S	ISO 5211	Breakaway Torque (inch/lbs)	
±0.5	±0.1	±0.1	±0.5	±5	±5				
1/2"	106	9.4	25.2	53	89	169	F03	F04	90
3/4"	106	15.75	25.2	53	89	169	F03	F04	100
1"	160	22.1	50.5	53	102.0	169	F04	F05	200
1.5"	183	34.8	50.5	53	127	213	F05	F07	410
2"	216	47.5	64.0	108	139.0	213	F07	F10	700
2.5"	241	60.2	77.5	120.5	165.7	213	F07	F10	1300
3"	279.5	72.9	91.0	139.75	170.0	320	F10	F12	2200
4"	324	97.4	119.0	162	193.0	320	F10	F12	2500

L-PORT



T-PORT



L-PATTERN BALL-POSITION ARRANGEMENTS

#1	#2	#3	#4

T-PATTERN BALL-POSITION ARRANGEMENTS

#1	#2	#3	#4

Size: 1/2" to 4"
 Sanitary Three Way Ball valve
 Full Port Encapsulated Seat

SS316L

PITANCO

DR801CL-6L

DESIGN X.CW
 CHECKED
 APPROVED

DATE

WEIGHT