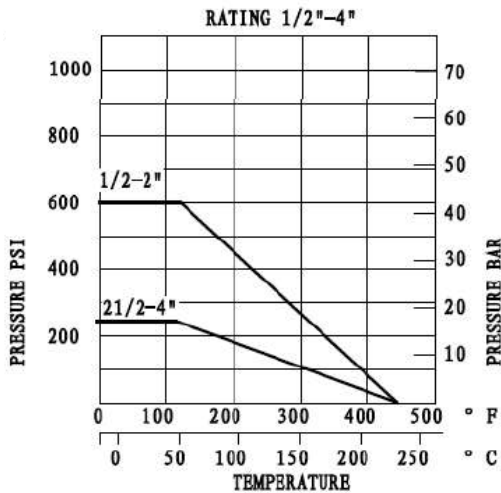


## **A710 – FLANGED CARBON STEEL BALL VALVE**



## Properties

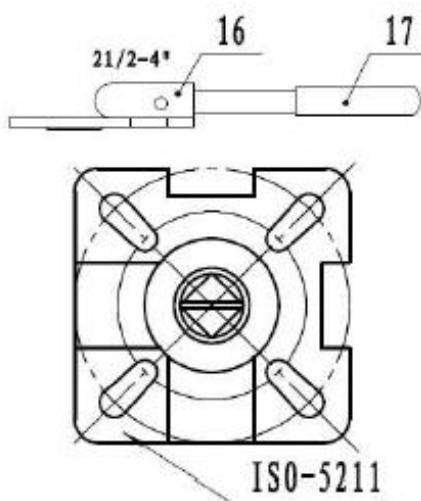
- 3pc execution
- With ISO5211 mounting pad
- Blow-out proof stem
- Face-to-Face according to DIN 3202-F1
- With locking device



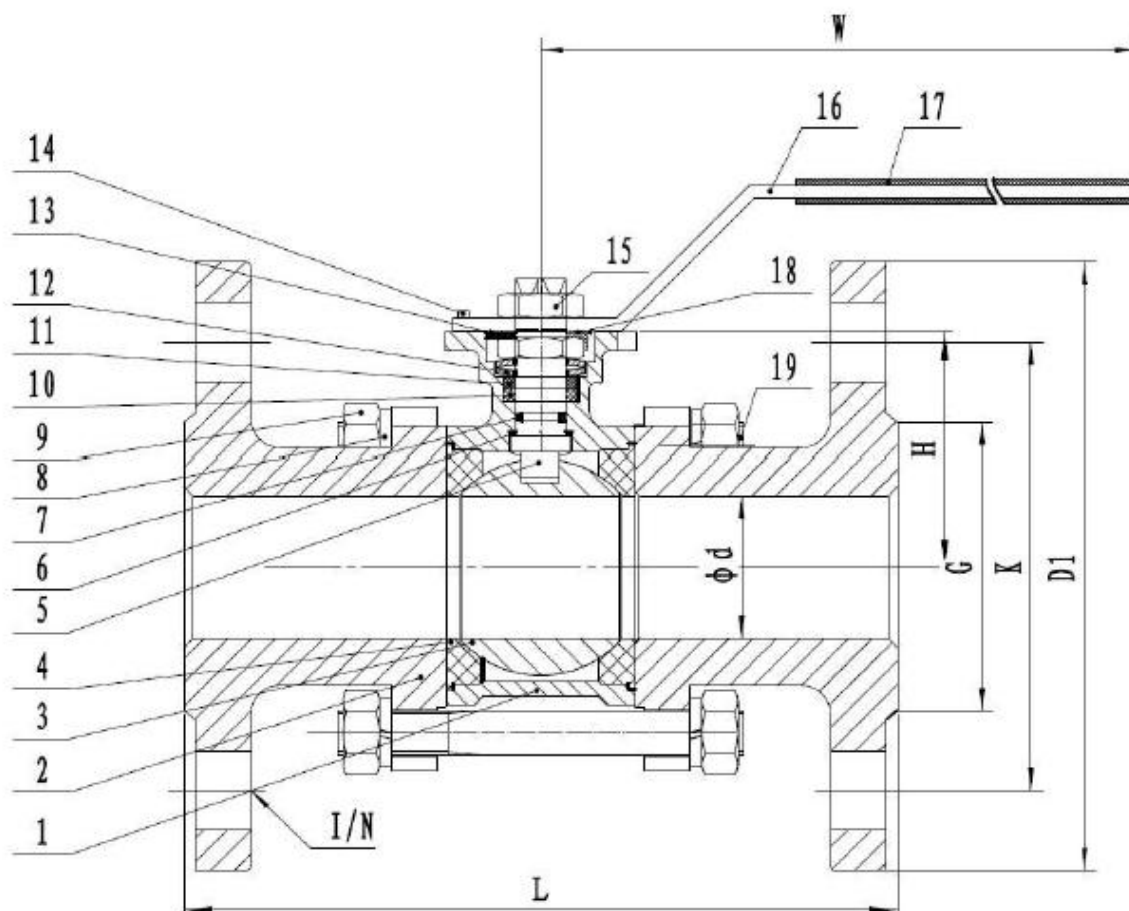
## Application

Chemical and pharmaceutical industries.  
All medium suitable to the materials of the product.

## Materials and size



19	BOLT	4-6	304
18	WASHER	1	304
17	HANDLE SLEEVE	1	PLASTIC
16	HANDLE	1	304
15	HANDLE NUT	1	304
14	STOP PIN	1	304
13	LOCK WASHER	1	301
12	BELLEVILLE WASHER	1	301
11	RING	1	304
10	STEM PACKING	1	PTFE
9	BOLT NUT	8-12	304
8	SPRING WASHER	8-12	304
7	O-RING	1	VITON
6	THRUST WASHER	1	304
5	STEM	1	304
4	BALL SEAT	2	PTFE
3	BALL	1	304
2	CAP	2	WCB
1	BODY	1	WCB



	d	L	H	W	D1	K	G	I/N	ISO5211
1/2"	15	130	47	143	95	65	45	14/4	F04/03
3/4"	20	150	47	143	105	75	58	14/4	F04/03
1"	25	160	57	163	115	85	68	14/4	F05/04
1-1/4"	32	180	62	163	140	100	78	18/4	F05/04
1-1/2"	38	200	77	188	150	110	88	18/4	F07/05
2"	50	230	86	188	165	125	102	18/4	F07/05
2-1/2"	64	290	108	350	185	145	122	18/4	F10/07
								18/8	
3"	76	310	115	350	200	160	138	18/8	F10/07
4"	100	350	133	350	220	180	158	18/8	F12/10
					235	190	162	22/8	

1/2-2-PN40 2 1/2-4-PN16/PN40

## Installation and maintenance

### **Before installation:**

Pipe-line must be cleaned and free from any residuals of welding, shaving, and every kind of contaminations.

Pipe-line must be perfectly aligned and its support properly dimensioned, to avoid external constraint.

Please, use the right product according to the service conditions to seal the valve.

Use the right bolt tightening so the connections won't be damaged.

### **Cleaning and tests:**

Keep the valves open during the cleaning process, to ensure there are no impurities between the ball and the body.

Pressure tests must be done with a cleaned pipe-line.

Open the valves partially for the tests. Pressure test must not exceed the valve specifications according to EN 12266-1.

### **Maintenance:**

It's recommended to operate the valve twice (open and close) 1 or 2 times a year.

When you need to perform any intervention on the valve, make sure the pipe-line is not under pressure, there is no fluid in it and it's isolated.

The temperature must be low enough to operate without risks.

If there is a corrosive fluid, inert installation before intervention.

When the valve is under pressure and there's a leakage at the packing, tighten it slightly so that the leakage disappears.