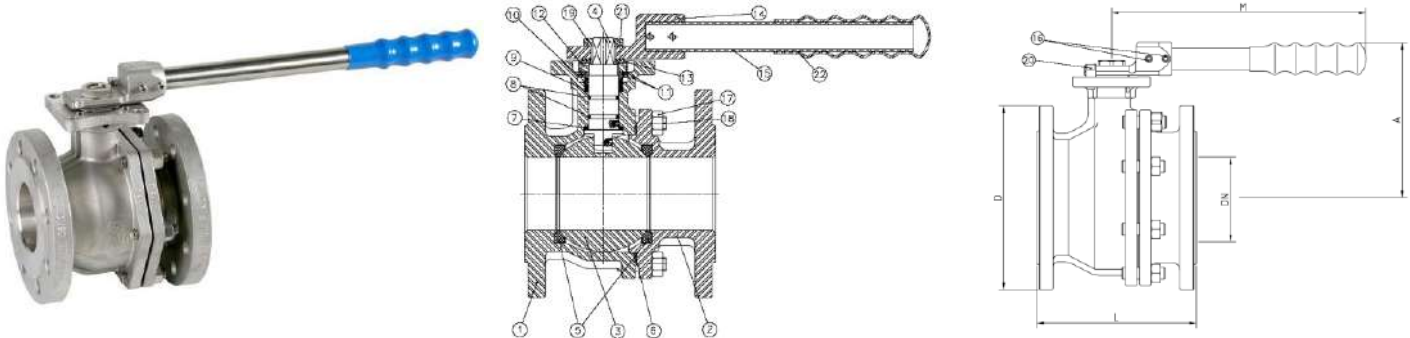


Art2529 Stainless Steel Full Bore Ball Valve (PN40 Flanged)

Features

1. Full port ball valve, 2 pieces.
2. Flanged ends according to EN 1092 PN 40.
3. Made of Stainless Steel 1.4408 (CF8M).
4. Face to Face according to EN 558 series 27.
5. Ball seats PTFE + 15 % G.F.
(please ask for other materials)
6. FKM (Viton) stem O' ring.
7. Blow-out proof stem.
8. Direct mounting actuator according to ISO 5211
(until DN100 included).
9. Block System included.
10. Anti-static device.
11. Fire-safe design.
12. Max. Working pressure 40 bar.
13. Working Temperature $-30\text{ }^{\circ}\text{C} + 180\text{ }^{\circ}\text{C}$.

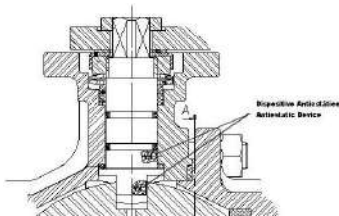


N°	Name	Material	Surface Treatment	Spare Part Code
1	Body	Stainless Steel 1.4408	Shot Blasting	
2	Cap	Stainless Steel 1.4408	Shot Blasting	
3*	Ball	Stainless Steel 1.4408		2907 ($\leq 4''$) 2806 ($\geq 5''$)
4	Stem	Stainless Steel 316		
5*	Ball Seat	PTFE + 15% Graphite		2909
6*	Gasket	PTFE		2909
7*	Thrust Washer	PTFE		2909
8*	O-Ring	FKM		2909
9*	Stem Packing	PTFE		2909
10	Gland	Stainless Steel 304		
11	Spring Washer	Stainless Steel 301		
12	Nut	Stainless Steel 304		
13	Lock Washer	Stainless Steel 304		

Nº	Name	Material	Surface Treatment	Spare Part Code
14	Body Handle	Stainless Steel 1.4408	Shot Blasting	
15	Handle	Stainless Steel 304		
16	Stud Bolt	Stainless Steel 304		
17	Nut	Stainless Steel 304		
18	Stud Bolt	Stainless Steel 304		
19	Nut	Stainless Steel 304		
20	Stopper	Stainless Steel 304		
21	Washer	Stainless Steel 304		
22	Handle Sleeve	Vinyl		

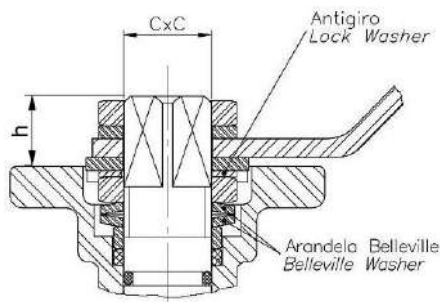
*Repair kit parts

Antistatic Device



This device ensure electrical continuity between the ball, stem and body. It is required with flammable fluids.

Stem Detail



Lock Washer

Prevents unthreading of stem nut in high cycle automation applications.

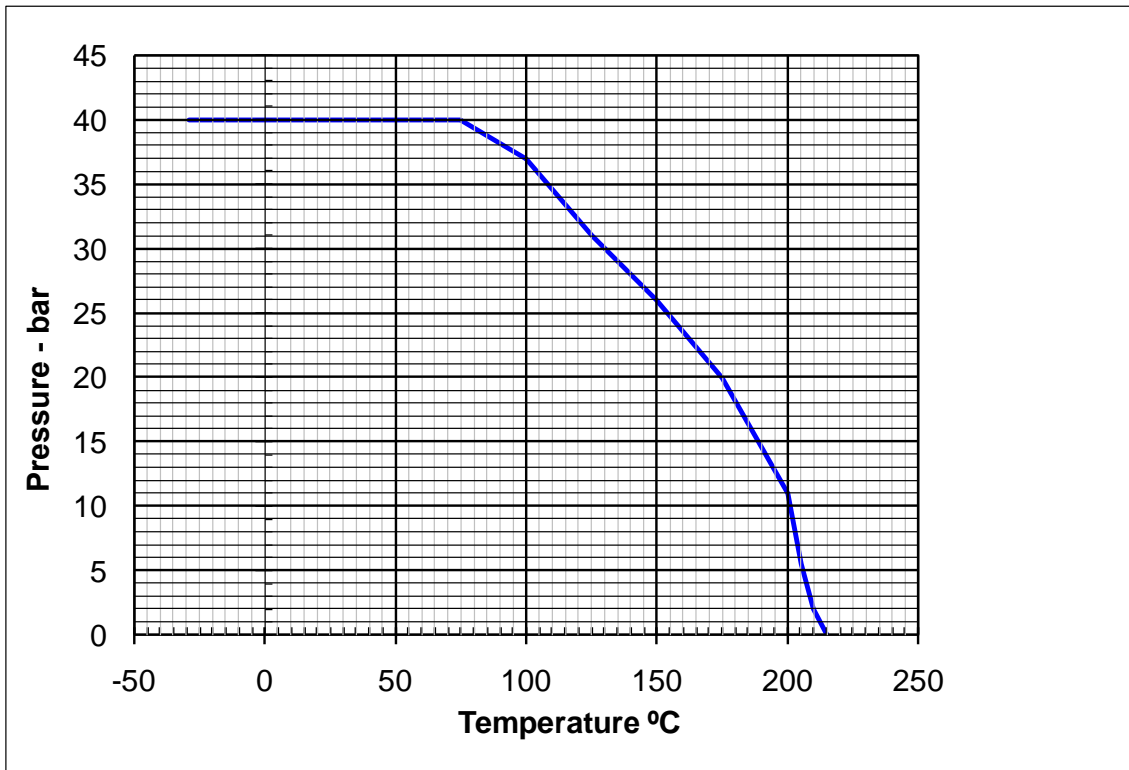
Belleville Washer

Standard belleville washers provide a constant "live load" on the stem seals, assuring a tight seal even varying service parameters.

General Dimensions

Ref	Size	DN	PN	Dimensions (mm)						ISO 5211	Weight (Kg)
				D	A	L	M	C x C	h		
2529 10	2 ½"	65	40	185	155	170	380	17 x 17	21	F07/F10	17,150
2529 11	3"	80	40	200	165	180	380	17 x 17	19	F07/F10	21,200
2529 12	4"	100	40	235	180	190	380	17 x 17	19	F07/F10	30,000
2529 13	5"	125	40	270	200	325	380	27 x 27	45	F10/F12	50,000
2529 14	6"	150	40	300	350	350	450	27 x 27	45	F10/F12	69,500

Pressure/Temperature Rating



Kv Values

Kv (m³/h): Flow rate of water in cubic meter per hour that will generate a pressure drop of 1 bar across the valve.

2 ½"	3"	4"	5"	6"
410	900	1450	2150	3700

Head Loss Chart

