

# Ball Valves, Mini Series

With their **push-in connections**, these polymer lightweight ball valves allow for a significant reduction in installation time while offering **full flow capability** and **compact dimensions**.

## Product Advantages

### Optimum Solution

- Full flow
- Marked with the pneumatic symbol for identification of its function
- Lightweight and compact
- Extremely compact, easy-to-operate lever
- Lever with screwdriver slot to facilitate operation
- Designed for polymer tubing with no tube preparation
- Can be mounted on a wall or adjacent using staples



### Proven Technology

- LF 3000<sup>®</sup> push-in connection, excellent static and dynamic sealing
- High-strength polyamide
- Excellent long-term performance
- Automatic seal wear compensation for long-term reliability
- 100% leak-tested in production
- Date coding to guarantee quality and traceability

Robotics  
Vacuum  
Semi-Conductors  
Packaging  
Textile  
Pneumatics

### Applications

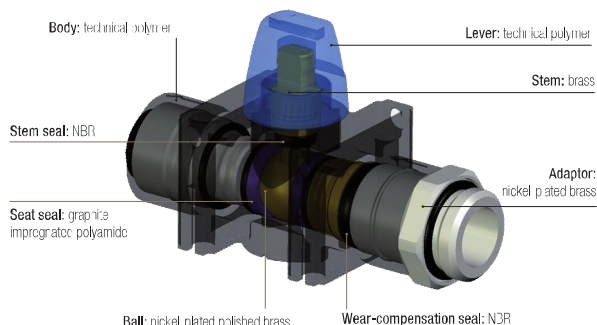
## Technical Characteristics

Compatible Fluids	Compressed air				
Working Pressure	Vacuum to 10 bar				
Working Temperature	-20°C to +80°C				

Tightening Torques	Threads	G1/8	G1/4	G3/8	G1/2
	daN.m	0.8	1.2	3	3.5

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.  
Guaranteed for use with a vacuum of 755 mm Hg (99 % vacuum).

### Component Materials

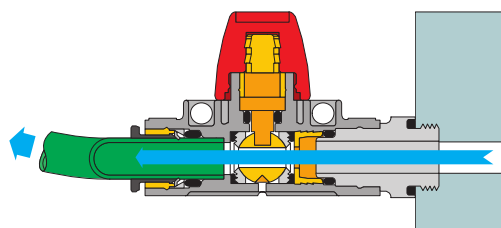


### Silicone-free

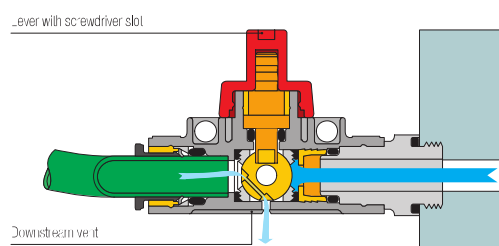
## Operation

### Vented Valve, Open Position

3/2 model with vent



### Vented Valve, Closed Position

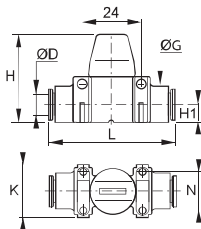


# Mini Series

## 7910 2/2 In-Line Mini-Ball Valve



Technical polymer, NBR

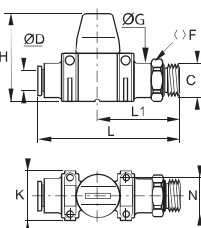


ØD		G	H	H1	K	L	N	kg
4	<a href="#">7910 04 00</a>	15	37	7.5	22	51	16	0.039
6	<a href="#">7910 06 00</a>	15	37	7.5	22	52	16	0.034
8	<a href="#">7910 08 00</a>	15	37	7.5	22	52	16	0.025
10	<a href="#">7910 10 00</a>	20	43	11	30	66	22	0.060
12	<a href="#">7910 12 00</a>	20	43	11	30	66	22	0.040

## 7911 2/2 In-Line Mini-Ball Valve, Male BSPP Thread



Technical polymer, nickel-plated brass, NBR



ØD	C	F	G	H	K	L	L1	N	kg
6	G1/8	<a href="#">7911 06 10</a>	13	14	37	22	62	37	0.045
8	G1/4	<a href="#">7911 08 13</a>	16	17.5	37	22	61	35	0.040
10	G3/8	<a href="#">7911 10 17</a>	20	22	43	30	74	41	0.075
12	G1/2	<a href="#">7911 12 21</a>	24	26	43	30	75	42	0.075

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Industrial Valves