

MATERIAL SPECIFICATION SHEET



Full-Port Ball Valves with Purge/Fill

Lead-free brass ball valves with purge/fill ball valve ports are engineered for safe, efficient, and versatile fluid control in residential, commercial, and hydronic systems. These full-port valves allow for easy draining, flushing, and refilling of any potable or hydronic systems.

Features & Benefits

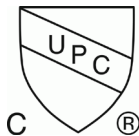
- Available in ½" through 2"
- Lead Free Brass
- Blow Out Proof Stem Design
- Plated Steel handle

Performance Rating

- Pressure rating 250 psi Non-shock Cold Working Pressure
- Max Working Temperature 150 °F (65.6 °C)

Listings & Certification

- ANSI Z21.15/CSA 9.1
- ASME A112.4.14/CSA B125.14
- IAPMO/ANSI Z1157
- NSF/ANSI 14
- NSF/ANSI 61
- IAPMO/ANSI/CAN Z1117 (only for Press Valve)



**C x C
Ball Valve with Purge**

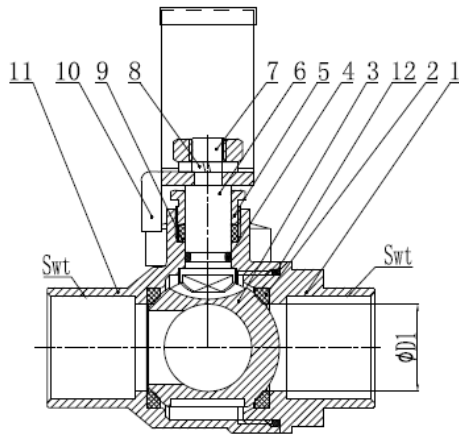


**FIP x FIP
Ball Valve with Purge**

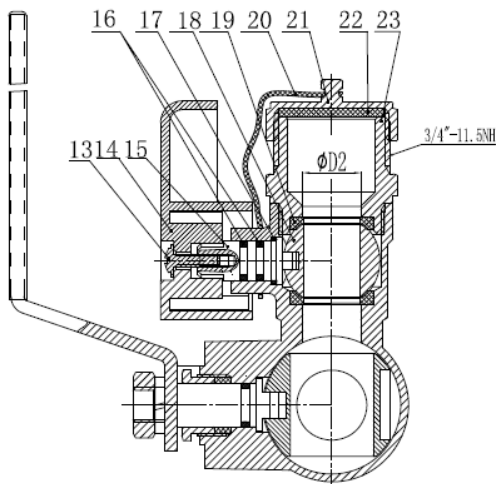


**Press x Press
Ball Valve with Purge**

C x C Ball Valve with Purge



B-B Section view

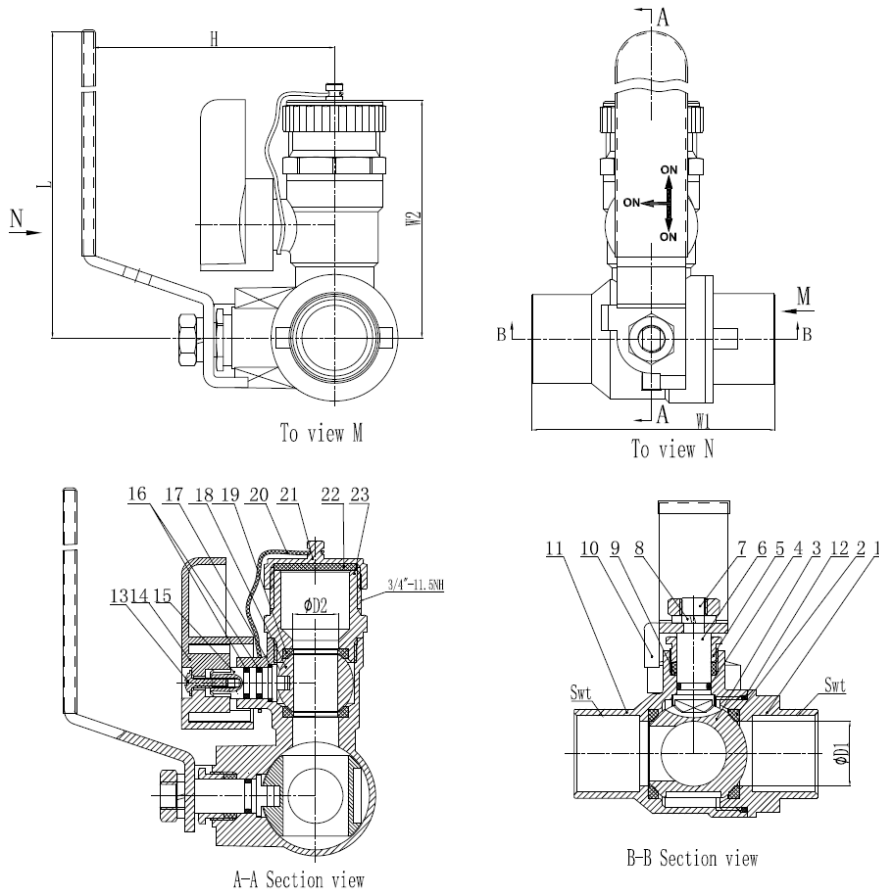


A-A Section view

C x C Ball Valve with Purge – Material List

#	Item	Material
1	Cap	Lead Free Brass
2	Seat	PTFE
3	Ball (#1)	Lead Free Brass
4	O-Ring	NBR
5	Packing Nut	Brass
6	Stem (1#)	Brass
7	Lock Washer	Plated Steel
8	Handle Nut	Plated Steel
9	Packing	PTFE
10	Handle	Plated Steel
11	Body	Lead Free Brass
12	O-Ring	NBR
13	Screw	Plated Steel
14	Handle	Al-Alloy
15	Stem (2#)	Brass
16	O-Ring	NBR
17	Gasket	PTFE
18	Ball (2#)	Stainless Steel
19	Seat (2#)	PTFE
20	Chain	PVC
21	Cap Nut	Brass
22	Rubber Washer (2#)	EPDM
23	Cap (2#)	Lead Free Brass

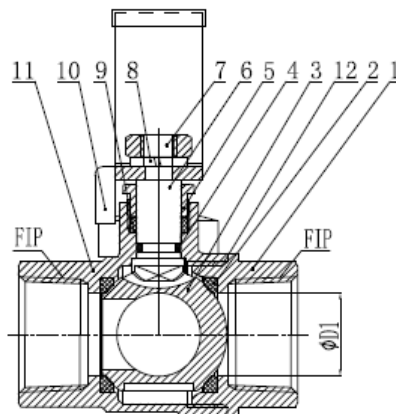
C x C Ball Valve with Purge



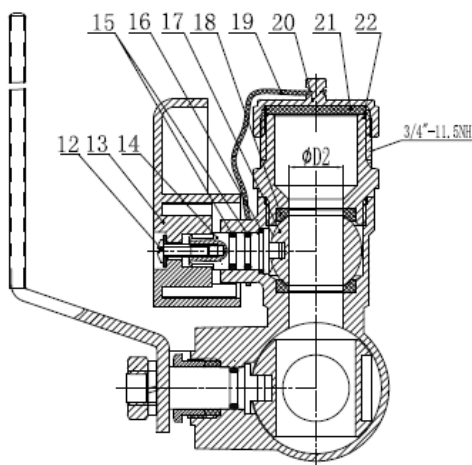
C x C Ball Valve with Purge – Dimensions

Part #	Size (Inches)	D1 (mm)	D2 (mm)	H (mm)	W1 (mm)	W2 (mm)	L (mm)
606020005NL	½"	15.00	13.20	69.00	59.00	69.30	85.00
606020007NL	¾"	19.00	13.20	73.20	71.00	69.30	123.00
606020010NL	1"	25.00	13.20	77.20	84.30	69.80	123.00
606020012NL	1-¼"	32.00	13.20	76.20	99.00	76.30	130.00
606020015NL	1-½"	40.00	19.00	81.20	114.40	89.30	130.00
606020020NL	2"	49.50	19.00	89.20	140.00	97.00	130.00

FIP x FIP Ball Valve with Purge



B-B Section view

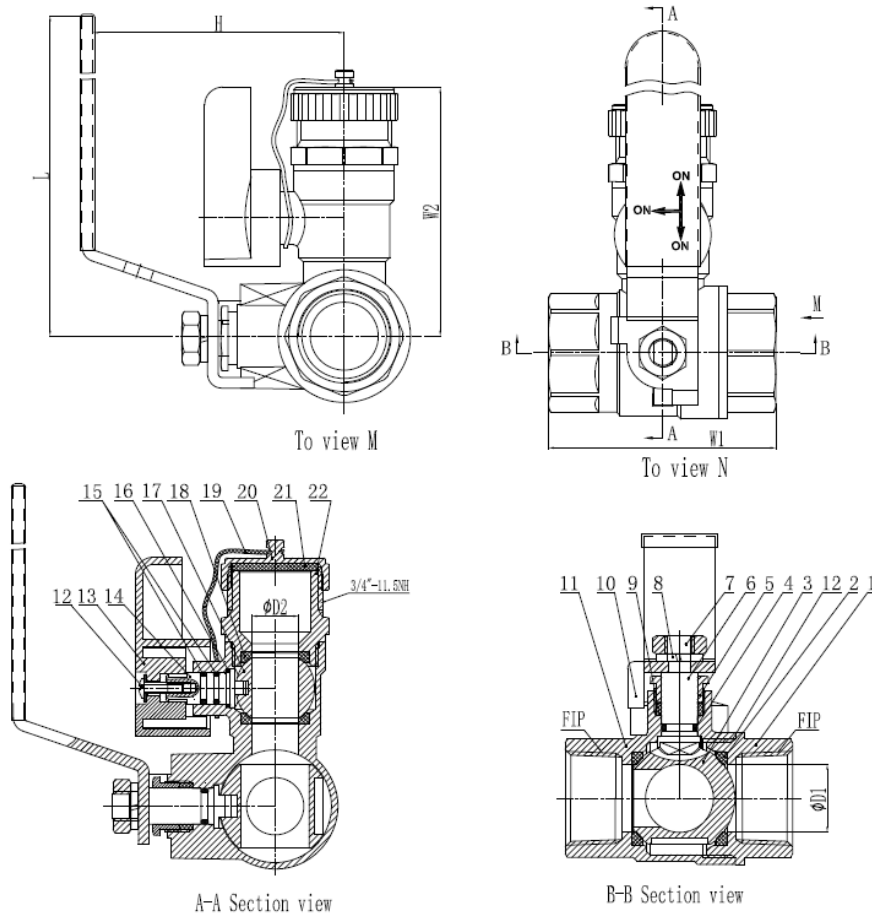


A-A Section view

FIP x FIP Ball Valve with Purge – Material List

#	Item	Material
1	Cap (#1)	Lead Free Brass
2	Seat	PTFE
3	Ball (#1)	Lead Free Brass
4	O-Ring	NBR
5	Packing Nut	Brass
6	Stem (1#)	Brass
7	Lock Washer	Plated Steel
8	Handle Nut	Plated Steel
9	Packing	PTFE
10	Handle	Plated Steel
11	Body	Lead Free Brass
12	Screw	Plated Steel
13	Handle	Al-Alloy
14	Stem (2#)	Brass
15	O-Ring	NBR
16	Gasket	PTFE
17	Ball (2#)	Stainless Steel
18	Seat (2#)	PTFE
19	Chain	PVC
20	Cap Nut	Brass
21	Rubber Washer (2#)	EPDM
22	Cap (2#)	Lead Free Brass

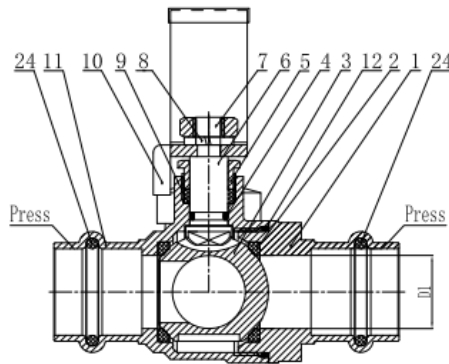
FIP x FIP Ball Valve with Purge



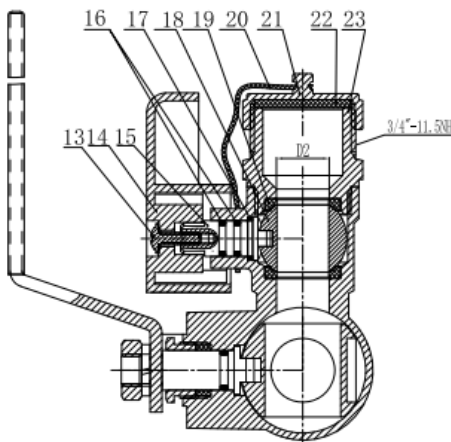
FIP x FIP Ball Valve with Purge – Dimensions

Part #	Size (Inches)	D1 (mm)	D2 (mm)	H (mm)	W1 (mm)	W2 (mm)	L (mm)
606020005NL	½"	15.00	13.20	69.00	57.50	69.30	85.00
606020007NL	¾"	19.00	13.20	73.20	64.00	69.30	123.00
606020010NL	1"	25.00	13.20	77.20	75.50	69.80	123.00
606020012NL	1-¼"	32.00	13.20	76.20	87.50	76.30	130.00
606020015NL	1-½"	40.00	19.00	81.20	98.50	89.30	130.00
606020020NL	2"	49.50	19.00	89.20	109.00	97.00	130.00

Press x Press Ball Valve with Purge



B-B Section view

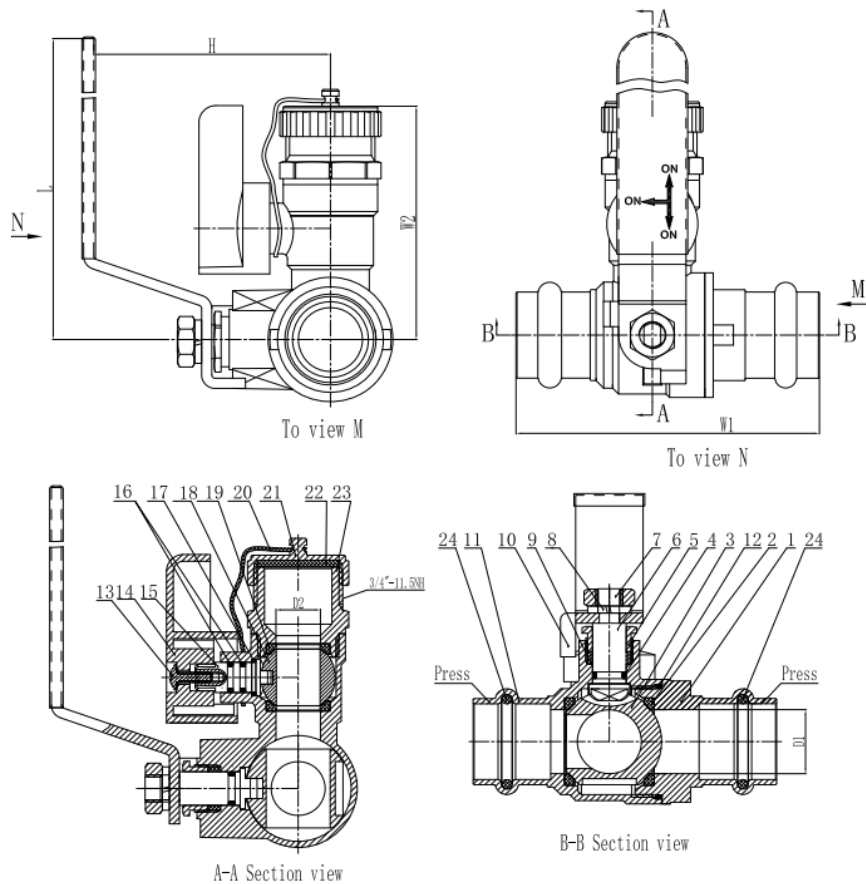


A-A Section view

Press x Press Ball Valve with Purge
Material List

#	Item	Material
1	Cap	Lead Free Brass
2	Seat	PTFE
3	Ball (#1)	Lead Free Brass
4	O-Ring	NBR
5	Packing Nut	Brass
6	Stem (1#)	Brass
7	Lock Washer	Plated Steel
8	Handle Nut	Plated Steel
9	Packing	PTFE
10	Handle	Plated Steel
11	Body	Lead Free Brass
12	O-Ring	NBR
13	Screw	Plated Steel
14	Handle	Al-Alloy
15	Stem (2#)	Brass
16	O-Ring	NBR
17	Gasket	PTFE
18	Ball (2#)	Stainless Steel
19	Seat (2#)	PTFE
20	Chain	PVC
21	Cap Nut	Brass
22	Rubber Washer (2#)	EPDM
23	Cap (2#)	Lead Free Brass
24	O-Ring	EPDM

Press x Press Ball Valve with Purge



Press x Press Ball Valve with Purge – Dimensions

Part #	Size (Inches)	D1 (mm)	D2 (mm)	H (mm)	W1 (mm)	W2 (mm)	L (mm)
606020005NL	½"	15.00	13.20	69.00	83.50	69.30	85.00
606020007NL	¾"	19.00	13.20	73.20	90.00	69.30	123.00
606020010NL	1"	25.00	13.20	77.20	96.00	69.80	123.00
606020012NL	1-¼"	32.00	13.20	76.20	112.00	76.30	130.00
606020015NL	1-½"	40.00	19.00	81.20	136.00	89.30	130.00
606020020NL	2"	49.50	19.00	89.20	166.00	97.00	130.00