

BOSHART INDUSTRIES

Many Valves... One Source



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BRASS AND NO LEAD BRASS FULL PORT BALL VALVES

0827 Series 1/4" - 4" Threaded (FPT)

0827C Series 1/2" - 4" C x C (Sweat)

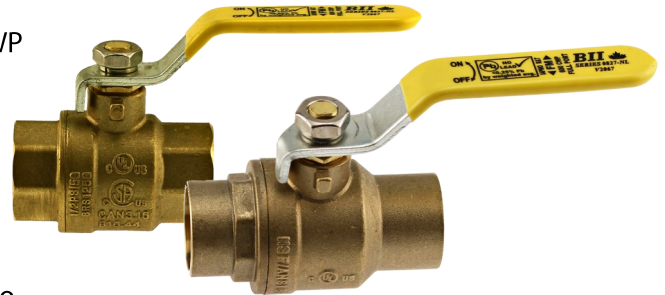
0827-NL Series 1/4" - 4" Threaded (FPT)

0827C-NL Series 1/2" - 4" C x C (Sweat)

- 1/4" thru 2" rated 600 PSI CWP, 2-1/2" thru 4" rated 400 PSI CWP
- WSP - Rating: 150 PSI Saturated Steam
- Max Temp Rating: 300°F (150°C)
- Two piece full port forged brass body
- Blow-out proof stem
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Zinc Plated Steel Handle with yellow plastic sleeve
- NSF/ANSI Standard 61 & 372 Certified (NSF/ANSI 372 applies to NL series only)
- CSA Certified: 1/4" thru 2" threaded
- UL Certified: 1/4" thru 2" threaded and CxC
- FM Certified: 1/4" thru 2" threaded and CxC
- cUPC Standard IGC 157 Certified: 1/4" thru 2" threaded and CxC



Third Party
Certified to
NSF / ANSI 372



◇ The following CSA gas approvals apply to 1/4" - 2" threaded valves only:

1/2PSI

ANSI Z21.15 (USA)
CGA 9.1 (CAN)
1/2 PSIG APPLIANCE VALVE

5G

STANDARD 3.88 (USA)
STANDARD CR91-002 (CAN)
5 PSIG RATED GAS

BRS125G

125 PSIG RATING (USA)
ASME B16.33 STANDARD

CAN 3.16

CAN / CGA - 3.16 STANDARD
125 PSIG RATING (CAN)
FOR OUTDOOR USE



NO LEAD BRASS FULL PORT VALVES

0820-NL Series 1/2" - 2" Threaded (FPT)

0820C-NL Series 1/2" - 2" C x C (Sweat)

- 1/2" thru 2" rated 600 PSI CWP
- Max Temp Rating: 300°F (150°C)
- Two piece full port forged brass body
- Blow-out proof stem
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Zinc plated steel handle with blue plastic sleeve
- NSF/ANSI Standard 61 & 372 Certified
- cUPC Standard IGC 157 Certified



Third Party
Certified to
NSF / ANSI 372



082WD-NL Series 1/2" - 4" Threaded (FPT)

082WDC-NL Series 1/2" - 4" C x C (Sweat)

- Max Pressure Rating: 600 PSI WOG
- Max Temp Rating: 300°F (150°C)
- Two piece full port forged brass body
- Integral drain port to allow system draining
- Blow-out proof stem
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Zinc plated steel handle with blue plastic sleeve
- NSF/ANSI Standard 61 & 372 Certified
- cUPC Standard IGC 157 Certified



BRASS FULL PORT LOCKING HANDLE BALL VALVES

0826LH Series 1/4" - 4" Threaded (FPT)

- 1/4" thru 2" rated 600 PSI CWP, 2-1/2" thru 4" rated 450 PSI CWP
- WSP - Rating: 150 PSI Saturated Steam
- Max Temp Rating: 350°F (176°C)
- Two piece full port forged brass body
- Blow-out proof nickel plated brass stem
- Chrome plated ball
- PTFE Seats / Two Viton O-rings at the stem for maximum safety
- Zinc plated steel locking handle with blue plastic sleeve
- The locking device covers the top nut of the valve making removal impossible without a key
- These valves can be locked in both the open and closed position
- UL Certified: 1/4" thru 2" threaded
- CSA Certified: 1/4" thru 2" threaded
- FM Certified: 1/4" thru 2" threaded
- CRN Registered

◇ The following CSA gas approvals apply to 1/4" - 2" threaded valves only:

1/2PSI

ANSI Z21.15 (USA)
CGA 9.1 (CAN)
1/2 PSIG APPLIANCE VALVE

5G

STANDARD 3.88 (USA)
STANDARD CR91-002 (CAN)
5 PSIG RATED GAS

BRS125G

125 PSIG RATING (USA)
ASME B16.33 STANDARD

CAN 3.16

CAN / CGA - 3.16 STANDARD
125 PSIG RATING (CAN)
FOR OUTDOOR USE

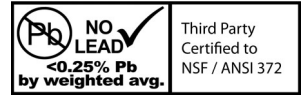


NO LEAD BRASS STANDARD PORT BALL VALVES

0829-NL Series 1/2" - 2" Threaded (FPT)

0829C-NL Series 1/2" - 3/4" C x C (Sweat)

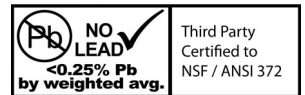
- Max Pressure Rating: 400 PSI WOG
- Max Temp Rating: 212°F (100°C)
- Two piece standard port cast brass body
- Blow-out proof stem
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Zinc plated steel handle with blue plastic sleeve
- NSF/ANSI Standard 61 & 372 Certified



NO LEAD BRASS STANDARD PORT PUSH FIT BALL VALVES

082PF-NL Series 1/2" - 1" Push-Fit (PF)

- Max Pressure Rating: 200 PSI WOG
- Max Temp Rating: 200°F (93°C)
- Two piece standard port forged brass body
- Blow-out proof stem
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Zinc plated steel handle with blue plastic sleeve
- Stainless steel gripper ring and EPDM o-ring seal for Copper, PEX, CPVC installation
- Integral tube stiffener for PEX installations
- NSF/ANSI Standard 61 & 372 Certified
- ASSE Standard 1061 Certified

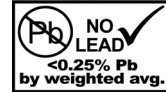


NO LEAD BRASS STANDARD PORT PEX BALL VALVES

0821P-NL Series 3/8" - 1" PEX

0821WDP-NL Series 1/2" - 3/4" PEX c/w Drain

- Max Pressure Rating: 400 PSI - Non-Shock based on ambient temperature
- Max Temp Rating: 203°F (95°C)
- Two piece standard port forged brass body
- Blow-out proof stem
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Zinc plated steel handle with blue plastic sleeve
- NSF/ANSI Standard 61 & 372 Certified
- cUPC Standard IGC 157 Certified



Third Party
Certified to
NSF / ANSI 372

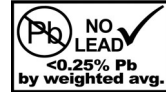


NO LEAD BRASS STANDARD PORT COMPRESSION BALL VALVES

082CP-NL Series 1/2" - 1" Compression c/w Drain

082CPND-NL Series 1/2" - 1" Compression no Drain

- Max Pressure Rating: 200 PSI CWP
- Two piece standard port forged brass body
- Blow-out proof stem
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Zinc plated steel handle with blue plastic sleeve
- NSF/ANSI Standard 61 & 372 Certified
- cUPC Standard IGC 157 Certified



Third Party
Certified to
NSF / ANSI 372



Standard compression valves can be used to make connections between Copper, Brass, Aluminum, Plastic, CPVC & Pex tubing. Not recommended for use with steel tubing. They are designed for use with tube manufactured to CTS-OD copper tubing sizes (outside diameter controlled).

NOTE: A brass insert must be inserted into Soft Copper, Aluminum, Plastic, CPVC & Pex tubing to put 360° of even pressure on the tubing, to make a round rigid profile that will ensure a tight seal.

STAINLESS STEEL BALL VALVES

- Max Temp Rating: 450°F (232°C)
- Blow-out proof stem
- Stainless steel ball
- PTFE Seats / PTFE Stem packing
- NSF/ANSI Standard 372 Certified

SSBV800 Series 1/4" - 4" Threaded (FPT)

- Max Pressure Rating: 800 PSI WOG
- Two piece full port investment cast 304 stainless steel body
- Stainless Steel handle with blue plastic sleeve

SSBV1000 Series 1/4" - 3" Threaded (FPT)

- Max Pressure Rating: 1000 PSI WOG
- Two piece full port investment cast 316 stainless steel body
- Stainless Steel locking handle with blue plastic sleeve

SSBV2000 Series 1/4" - 2" Threaded (FPT)

- Max Pressure Rating: 1/4" thru 1" rated 2000 PSI WOG, 1-1/4" thru 2" rated 1500 PSI WOG
- Two piece full port investment cast 316 stainless steel body
- Stainless Steel locking handle with blue plastic sleeve



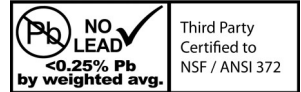
Third Party
Certified to
NSF / ANSI 372



NO LEAD BRASS FULL PORT MINI BALL VALVES

0828-NL Series 1/8" - 1/4" Threaded (FPT) 0828-xxMxxF-NL Series 1/8" - 1/4" Threaded (MPT x FPT)

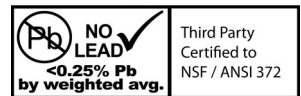
- Max Pressure Rating: 600 PSI WOG
- Max Temp Rating: 180°F (82°C)
- Two piece full port forged brass body
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Red tee handle
- NSF/ANSI Standard 372 Certified



BRASS AND NO LEAD BRASS FULL PORT GATE VALVES

0818 Series 1/4" - 4" Threaded (FPT) 0818-NL Series 1/4" - 4" Threaded (FPT) 0818C-NL Series 1/2" - 2" C x C (Sweat)

- Max Pressure Rating: 200 PSI WOG
- Max Temp Rating: 150°F (66°C)
- Full Port Design
- Cast brass body
- Non-rising stem
- PTFE Packing
- Black cast hand wheel
- NSF/ANSI Standard 61 & 372 Certified (NSF/ANSI 372 applies to NL series only)



FORGED BRASS GAS BALL VALVES

0832 Series 3/8" - 1" Threaded (FPT x FPT)

◇ The following CSA gas approvals apply to 3/8", 1/2" & 3/4" threaded valves only

1/2PSI	5G
ANSI Z21.15 (USA)	STANDARD 3.88 (USA)
CGA 9.1 (CAN)	STANDARD CR91-002 (CAN)
1/2 PSIG APPLIANCE VALVE	5 PSIG RATED GAS

0833 Series 1/2" Threaded x Flare (FPT x Flare) 0834 Series 1/2" Threaded x Flare (MPT x Flare) 0835 Series 3/8" - 1/2" Flare (Flare x Flare)

BRS125G	CAN 3.16
125 PSIG RATING (USA)	CAN / CGA - 3.16 STANDARD
ASME B16.33 STANDARD	125 PSIG RATING (CAN)
	FOR OUTDOOR USE

- Two piece forged brass body
- Blow-out proof stem
- Yellow handle
- Stem Packing Material: Dual NBR O-Ring
- Ball Seat Material: PTFE
- CSA approved
- UL approved

FORGED BRASS GAS VALVES WITH 1/8" PILOT TAP

- Side Tapped 1/8" for connection to a manometer which allows line pressure to be tested at the valve, eliminating the need for an additional test tee. All pilot tap valves come with a brass plug.
- Two piece forged brass body
- Blow-out proof stem
- Yellow handle
- Stem Packing Material: PTFE
- Ball Seat Material: PTFE
- CSA approved



1/2PSI
ANSI Z21.15 (USA)
CGA 9.1 (CAN)
1/2 PSIG APPLIANCE VALVE

5G
STANDARD 3.88 (USA)
STANDARD CR91-002 (CAN)
5 PSIG RATED GAS



NO LEAD BRASS CHROME PLATED SUPPLY STOP VALVES - 1/4 TURN

Configurations

Straight Design:

08SVS-03FNL	3/8" FPT x 3/8" Comp.
08SVS-05FNL	1/2" FPT x 3/8" Comp.
08SVS-05CNL	1/2" C x 3/8" Comp.
08SVS-58CPNL	5/8" Comp. x 3/8" Comp.
08SVS-05PNL	1/2" PEX x 3/8" Comp.
08SVS-05P05PNL	1/2" PEX x 1/2" PEX
08SVS-05VNL	1/2" CPVC x 3/8" Comp.
08SVS-05PFNL	1/2" PushFit x 3/8" Comp.

Angle Design:

08SVA-03FNL	3/8" FPT x 3/8" Comp.
08SVA-05FNL	1/2" FPT x 3/8" Comp.
08SVA-05CNL	1/2" C x 3/8" Comp.
08SVA-58CPNL	5/8" Comp. x 3/8" Comp.
08SVA-05PNL	1/2" PEX x 3/8" Comp.
08SVA-05VNL	1/2" CPVC x 3/8" Comp.
08SVS-05PFNL	1/2" PushFit x 3/8" Comp.

Dual Outlet Design:

08SVD-05F03CPNL	1/2" FPT x 3/8" Comp. x 3/8" Comp.
08SVD-58CP03CPNL	5/8" Comp. x 3/8" Comp. x 3/8" Comp.

Ice Maker Ball Type Design:

08SVA-05F02CPNL	1/2" FPT x 1/4" Comp.
08SVA-05C02CPNL	1/2" C x 1/4" Comp.
08SVA-58CP02CPNL	5/8" Comp. x 1/4" Comp.
08SVA-05P02CPNL	1/2" PEX x 1/4" Comp.

Retro Fit Design:

08SVS-RFNL	3/8" Swivel Nut x 3/8" Comp.
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Washing Machine Angle Design:

08SVAWMR-58CPNL
08SVAWMR-05PNL
08SVAWMR-05MNL

Blue Handle:
08SVAWMB-58CPNL
08SVAWMB-05PNL
08SVAWMB-05MNL

Inlet x Outlet
5/8" CPR x 3/4" MGHT
1/2" PEX x 3/4" MGHT
Dual 1/2" MPT x 1/2" C x 3/4" MGHT

- Max Pressure Rating: 125 PSI
- Max Temp Rating: 180°F (82°C)
- Packing material: Double NBR O-ring
- Seat material: PTFE
- Chrome plated body
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified



Standard compression valves can be used to make connections between Copper, Brass, Aluminum, Plastic, CPVC & Pex tubing. Not recommended for use with steel tubing. They are designed for use with tube manufactured to CTS-OD copper tubing sizes (outside diameter controlled).

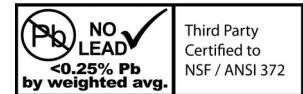
NOTE: A brass insert must be inserted into Soft Copper, Aluminum, Plastic, CPVC & Pex tubing to put 360° of even pressure on the tubing, to make a round rigid profile that will ensure a tight seal.

SWING CHECK VALVES

0806xx11NL Series 1/2" - 4" Threaded (IPS)

0806xx12NL Series 1/2" - 3" C x C (Sweat)

- Max. Working Pressure: 200 PSI WOG
- Cast Brass body, disc and cap
- Brass rod pin and screw
- Max. Working Temperature 212°F (100°C)
- Threads to ANSI B2.1
- CxC to ANSI B16.18



HEX KNURL CAP WITH CHAIN

- 3/4" Garden Hose Thread Cap
- Comes complete with 6" long zinc plated chain with hook
- Comes with garden hose washer



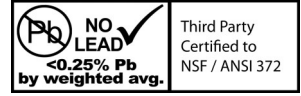
NO LEAD BRASS SEDIMENT FAUCETS - O-RING DESIGN

0845SF-NL Series 1/2" - 3/4" Threaded (MPT x MGHT)

0845SFA-NL Series (Angle Valve) 1/2" - 3/4" Threaded (MPT x MGHT)

0846SF-NL Series 1/2" - 3/4" Threaded (MPT x MGHT)

- With O-ring design, the seal is below the threads and never exposed to water. Whereas packing style valves are constantly submerged in water and become corroded quicker in aggressive water conditions.
- Max Pressure Rating: 125 PSI
- Max Temp Rating: 160°F (71°C)
- Cast brass body
- Packing material: Rubber (NBR) O-ring
- Seat material: Rubber (NBR)
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified



SEDIMENT FAUCETS / BOILER DRAIN

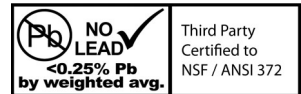
0851 Series 1/2" - 3/4" Threaded (MPT x MGHT)

0853-NL Series 1/2" - 3/4" Threaded (MPT x MGHT)

0853F-NL Series 1/2" - 3/4" Threaded (FPT x MGHT)

0851P-NL Series 1/2" - 3/4" PEX (PEX x MGHT)

- Max Pressure Rating: 125 PSI
- Max Temp Rating: 212°F (100°C)
- Cast brass body
- Packing material: Rubber (NBR)
- Seat material: Rubber (NBR)
- Black cast hand wheel
- NSF/ANSI 61 Standard 61 Certified
- CSA Standard B125.1 Certified



NO LEAD BRASS STOP /STOP & WASTE VALVES

0843-NL Series 1/2" - 3/4" Threaded Stop Valves

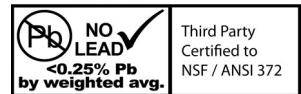
0843C-NL Series 1/2" - 3/4" C x C Stop Valves

0844-NL Series 1/2" - 3/4" Threaded Stop & Waste

0844C-NL Series 1/2" - 3/4" C x C Stop & Waste

0844CPR-NL Series 1/2" - 3/4" Compression Stop & Waste

- Max Pressure Rating: 125 PSI
- Max Temp Rating: 180°F (82°C)
- Cast brass body
- Packing material: Rubber (NBR)
- Seat material: Rubber (NBR)
- Black cast hand wheel
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified

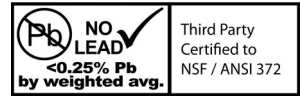


NO LEAD BRASS SILLCOCK

0873-NL Series 1/2" - 3/4" Threaded (FPT)

0873C-NL Series 1/2" C x C (Sweat)

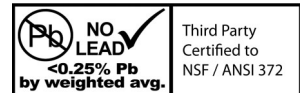
- Max Pressure Rating: 125 PSI
- Max Temp Rating: 160°F (71°C)
- Cast Brass Body
- Packing material: Rubber (NBR)
- Seat material: Rubber (NBR)
- Black Cast Iron Hand Wheel
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified



NO LEAD BRASS AND STAINLESS STEEL SAMPLING FAUCETS

0874-NL Series - Multi-Turn Sampling Faucet (No Garden Hose Attachment)

- 1/2" & 3/4" (MPT x SPOUT)
- Max. Operating Pressure 125 PSI
- Max. Temp. Rating: 160°F (71°C)
- Cast Brass Body
- NBR Sealing Disc & Stem Packing
- Cast Brass "T" Handle
- NSF/ANSI Standard 61 & 372 Certified



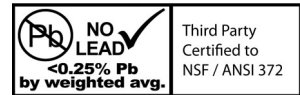
SSSF Series - 1/4 Turn Sampling Faucet

- 1/2" & 3/4" (MPT x SPOUT)
- Max. Operating Pressure 200 PSI
- Max. Temp. Rating: 248°F (120°C)
- 304 Stainless Steel Construction
- PTFE Seats / PTFE Stem Packing
- Stainless Steel "T" Handle
- NSF/ANSI Standard 61 & 372 Certified

NO LEAD BRASS AND STAINLESS STEEL HOSE BIBBS

0871-NL Series - Multi-Turn Hose Bibb

- 1/2" & 3/4" (MPT x MGHT)
- Max Pressure Rating: 125 PSI
- Max Temp Rating: 160°F (71°C)
- Cast brass body
- Packing material: Rubber (NBR)
- Seat material: Rubber (NBR)
- Brass plated tee handle
- NSF/ANSI Standard 61 & 372 Certified



PHB Series - Multi-Turn Hose Bibb

- 1/2" & 3/4" (MPT x MGHT)
- Max Pressure Rating: 145 PSI
- Max Temp Rating: 180°F (82°C)
- White ABS construction
- Packing material: Rubber (NBR)
- Seat material: PTFE
- Red tee handle



0852-NL Series - 1/4 Turn Hose Bibb

- 1/2" & 3/4" (MPT x MGHT)
- Max Pressure Rating: 200 PSI
- Max. Temp. Rating: 180°F (82°C)
- Cast Brass Body
- Packing material: Rubber (NBR) O-ring
- Seat material: PTFE
- Black Metal "T" Handle
- NSF/ANSI Standard 61 & 372 Certified



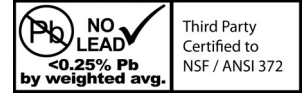
SSHB Series - 1/4 Turn Hose Bibb

- 1/2" & 3/4" (MPT x MGHT)
- Max Pressure Rating: 200 PSI
- Max Temp Rating: 248°F (120°C)
- Packing material: PTFE
- Seat material: PTFE
- NSF/ANSI Standard 372 Certified



WALL HYDRANTS / LAWN FAUCETS

- Max Pressure Rating: 125 PSI
- Black cast handle
- CSA Standard B125.1 Certified



Brass and No Lead Brass Non-Freeze Lawn Faucet with Self Draining Vacuum Breaker

0865 Series 1/2" MPT x 1/2" C x C, Lengths 4"-24"
0865P Series 1/2" PEX, Lengths 4"-14"
0865-NL Series 1/2" MPT x 1/2" C x C, Lengths 4"-14"
0865P-NL Series 1/2" PEX, Lengths 4"-14"

- Max Temp Rating: 140°F (60°C)
- Built in spring loaded check valve for back flow prevention
- Packing material: Rubber (NBR)
- Seat material: Rubber (NBR)
- Chrome plated body and tube
- Plastic insert included
- NSF/ANSI Standard 61 & 372 Certified
- ASSE Standard 1019 Certified



No Lead Brass Non-Freeze Lawn Faucet

0861 Series 1/2" MPT x 1/2" C x C, Lengths 8"-14"

- Max Temp Rating: 120°F (48°C)
- Packing material: Rubber (NBR)
- Seat material: Rubber (NBR)
- Chrome plated body and tube
- Plastic insert included
- NSF/ANSI Standard 61 & 372 Certified
- ASSE Standard 1019 Certified

0861BR Series 1/2" MPT x 1/2" C x C, Lengths 8"-14"

- Max Temp Rating: 140°F (60°C)
- Packing material: Rubber (NBR) O-ring
- Seat material: Rubber (NBR)
- Brass finish
- NSF/ANSI Standard 372 Certified



No Lead Brass Non-Freeze Lawn Faucet with Self Draining Vacuum Breaker - 1/4 Turn

08QTH05-NL Series 1/2" MPT x 1/2" C x C, Lengths 4"-14" - 1/4 Turn
08QTH07-NL Series 3/4" MPT x 1/2" FPT, Lengths 10"-14" - 1/4 Turn
08QTH05P-NL Series 1/2" PEX, Lengths 8"-14" - 1/4 Turn

- Max Temp Rating: 140°F (82°C)
- Built in spring loaded check valve for back flow prevention
- Packing material: Rubber (NBR)
- Seat material: Viton O-ring
- Chrome plated body and tube
- Plastic insert included
- NSF/ANSI Standard 61 & 372 Certified
- ASSE Standard 1019 Certified



BRASS AND NO LEAD BRASS VACUUM BREAKER

0881 Series 3/4" Threaded (MGHT x FGHT)
0881-NL Series 3/4" Threaded (MGHT x FGHT)

- CSA Certified
- ASSE 1061 Certified
- Standard 3/4" female hose thread for inlet connection
- Standard 3/4" male hose thread for outlet connection
- Complete with a break-away set screw

0882-07NL 3/4" Threaded (MHT x FHT)

- CSA Certified
- ASSE 1061 Certified
- Automatically self-drain when all hose attachments are removed, protecting the valve or faucet from freezing in colder weather.
- Complete with a break away set screw



COMPACT PVC / CPVC BALL VALVES

PVC Ball Valves

0929 Series 1/2" - 4" Threaded (FPT)

0929S Series 1/2" - 4" Slip

- 150 PSI Working Pressure @ 73°F (22°C)
- Temperature Rating: 32°F to 122°F (0°C to 50°C)
- EPDM Seats/EPDM O-ring Seal
- White PVC Molded Body with Black PVC Handle

PVC Ball Valves

0921 Series 1/2" - 4" Threaded (FPT)

0921S Series 1/2" - 4" Slip

- EPDM Seats/EPDM O-Ring Seal
- White PVC Body with Black PVC Handle
- NSNSF/ANSI Standard 61 & 372 Certified

0923 Series 1/2" - 2" Threaded (FPT)

0923S Series 1/2" - 2" Slip

- 150 PSI Working Pressure @ 73°F (22°C)
- Temperature Rating: 41°F to 122°F (5°C to 50°C)
- PTFE Seats/Viton O-ring Seal
- White PVC Body with Red PVC Handle

Refer to Temperature Correction Factors



CPVC Hot Water System Ball Valves

0922CTS Series 1/2" - 2" Threaded (CTS x CTS)

- 150 PSI Working Pressure
- Temperature Rating: Continuous 194°F (90°C)
Short Hours 212°F (100°C)
- PTFE Seats/EPDM O-ring Seal
- Beige CPVC Molded Body with Red Handle
- NSF/ANSI Standard 61 & 372 Certified

UNION PVC BALL VALVES

PVC Blocked True Union Ball Valves

0924 Series 1/2" - 2" Threaded (FPT)

- Double Union/Double block design permits in-line maintenance without disconnecting pipe
- Bayonet style locks prevent ball from being blown out
- Handle equipped with removable spanner device
- Full unobstructed flow without any turbulence or pressure drop
- Working Temperature Range: 41°F to 122°F (5°C to 50°C)
- 150 PSI Working Pressure at 73°F (22°C)
- EPDM O-rings
- Suitable for both schedule 40 & 80 PVC pipe

Shipped complete with both thread and slip interchangeable connections



PVC Blocked True Union Ball Valves

0925NL Series 1/2" - 4" EPDM "O" RING SEAL

0926 Series 1/2" - 4" VITON "O" RING SEAL

- 2-Way Blocking True Union Ball Valve - 150 PSI Working Pressure @ 73°F (22°C)
- Unique Double Union/Double Block design permits in-line maintenance without disconnecting pipe
- Both ends blocked with bayonet-style locks which prevent ball from being blown out
- Handle equipped with removable spanner device
- Full, unobstructed flow without any turbulence or pressure drop
- Available with either EPDM or Viton "O"-ring seals
- Self Lubricating PTFE (polytetrafluoroethylene) Seats are corrosion and chemical resistant
- Quick and easy disassembly without use of special tools, hand tighten only
- Suitable for both schedule 40 & 80 PVC pipe

PVC Single Union Ball Valves

0933 Series 1-1/2" - 2" Threaded (FPT)

0933S Series 1-1/2" - 4" Slip

- Threaded or socket
- Working Pressure 150 PSI @ 73°F
- Lightweight and compact design suitable for plumbing, pool and spa field
- PTFE (polytetrafluoroethylene) seat is corrosion and chemical resistant to most chemicals
- Non blocking design
- Suitable for both schedule 40 & 80 PVC pipe

TECHNICAL - PVC BALL VALVES

Chemical and Temperature Characteristics

Material	Abbreviation	General Chemical Characteristics
Rigid Polyvinyl Chloride	PVC	Resistant against most acids, alkalis and salts of high or low concentration level. However, the material tends to be attacked by some chemicals; such as aromatic hydrocarbon ketones, esters and chlorinated hydrocarbon.
Ethylene Propylene Rubber	EPDM	Provided with an excellent ozone-resistance and chemical resistance. Comparatively resistant against ketone and ester, but less resistant against aromatic and aliphatic families and gasoline and oil.
Polytetrafluoroethylene	PTFE	Resistant against ordinary acid and alkali and not dissolved nor changed by ordinary solvent medium. Attacked by melted alkali metal and in high temperature (Teflon®) by fluorine and chlorine trifluoride.
Chlorinated Polyvinyl Chloride CPVC		Resistance properties are nearly the same as PVC. Having a high heat-resistance, this is serviceable in the temperature range higher than the PVC.

Temperature Correction Factors For Valves

As temperature increases working pressure decreases. The optimal working pressure for PVC valves contained in this catalogue is 150 PSI @ 73°F. If temperature increases above 73°F, use the PVC correction factor to determine working pressure.

Multiply maximum working pressure by correction factor.
(e.g.) @ 110°F working pressure will be 91 PSI (110 x .83 =91)

°F Temperature	73	90	100	110	120	130	140
PVC Correction Factor	1.00	1.00	1.00	0.83	0.66	0.50	0.33
PVC Not Recommended over 140°F							

IMPORTANT: PVC Ball Valves Terminology (Sch. 40 & 80)

Often the terms Sch. 40 & 80 are referred with regards to PVC socket (slip) connection valves. The fact is that these terms are incorrect. PVC valves do not have Sch. 40 or 80 ratings. These terms refer to the wall thickness of pipe only, not the valve wall thickness; the higher the Sch. number, the thicker the pipe wall. Equally important, the I.D. gets smaller as wall thickness increases, while the O.D. remains the same. Therefore any PVC valve can be installed on Sch. 40 or 80 pipe, and vice versa.

Unfortunately some Manufacturers / Distributors describe PVC valves using pipe-descriptive terms causing confusion. It is important to remember that, all valves are rated by pressure in relation to operating temperature, not wall thickness. Generally white PVC is used for Sch. 40 and gray PVC is used for Sch. 80 pipe and fittings. However Sch. 40 fittings are available in both white & gray colors adding to the confusion. The terminology describing the pipe has been inaccurately "carried over" to describe PVC valves which also can be molded from either white or gray resins, these valves are rated by pressure only and can be in either piping system.

Therefore Boshart Industries PVC valves like all other PVC valves can be used with either Schedule 40 or Schedule 80 pipe, the only issue is color preference, some installers prefer to use gray valves when installing a gray Sch. 80 piping system.



CWP

- Cold Working Pressure, indication of the pressure rating for valves at a temperature range of up to +100°F (37°C)

WOG

- Non-Shock pressure rating based on ambient temperature.

WSP

- Working Steam Pressure

ANSI American National Standards Institute



Underwriter's Laboratories



Meets ANSI / NSF 61-8 (1998) Certification



Canadian Standards Association



Symbol or marking indicating product has been approved by the Factory Mutual Laboratories

Glossary of Approvals / Markings on Valves

Below is a brief description of each of the rating marks on the gas valves.

CSA

- Canadian Standards Association.
- CSA mark alone does not signify valve is gas rated, must still have the CAN-3.16, 5G or the 1/2 PSI markings.

1/2 PSI

- Signifies 1/2psig rating for appliance manufacturer's use
- ANSI Z21.15 (USA) CGA 9.1 CAN
"American National Standard/Canadian Gas Association Standard for Manually Operated Gas Valves For Appliances, Appliance Connector Valves and Hose End Valves"
- Temperature range of 0°C to 51.5°C (32°F to 125°F)
- Must include manufacturing date (YY/MM)
- Intended to be used as part of a gas fired appliance
- Not for use in building piping systems

5G

- Signifies 5psig rating for inline valves
- Standard 3.88 (USA) & CR91-002 (CAN) "Manually Operated Gas Valves For Use On Piping"
- CR91-002 Temperature range between -40°C to 52°C (-40°F to 125°F)
- Standard 3.88 Temperature range between 0°C to 51.5°C (32°F to 125°F)

BRS125G

- Signifies 125psig rating for United States
- ASME B16.33 Standard "Manually Operated Metallic Gas Valves For Use in Gas Piping Systems Up to 125psig" sizes 1/2" to 2"
- Temperature range between -20°F to 150°F

CAN-3.16

- Signifies 125psig rating for Canada for Outdoor Use
- CAN/CGA-3.16 Standard "Lever Operated Non-Lubricated Gas Shut-Off Valves"
- Suitable for continuous use over the temperature range of -30°C to 65°C (-22°F to 149°F)

Notes:

- 1 - *Mandatory mark for rated use.
- 2 - Having a 125psi rating does not override the 1/2PSI or 5G marks. Approval marks must be shown for the application.
- 3 - Valves with 5G rating are acceptable for use indoors and out in Canada only. Valves with a 5G rating are acceptable for use indoors only in the United States. The 1/2PSI valves are for indoor use.

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