

SharkBite Max™

Ball Valves

SharkBite Max™ Ball Valves provide a quick and reliable solution for controlling water flow in residential and commercial plumbing systems. Featuring advanced stainless steel retainers for enhanced strength, these valves are rated for 400 psi and offer a lower insertion effort than previous versions. SharkBite Max™ Ball Valves do not require a tube liner for PEX and are compatible with a wide range of piping materials, including PEX, copper, CPVC, PE-RT, and HDPE*. Available in various sizes and configurations, SharkBite Max™ Ball Valves deliver a dependable solution for water control in plumbing applications.

Applications

SharkBite Max™ Ball Valves are designed for quick and reliable water flow control in residential and commercial potable water systems, recirculation lines, and hydronic heating/cooling systems (up to 50% glycol concentration). They are compatible with PEX, copper, CPVC, PE-RT, and HDPE* SDR-9 pipes, enabling versatile installations. Approved for behind-the-wall installations without access panels and for underground applications when properly wrapped, these ball valves provide a durable and efficient solution for controlling water flow in various plumbing systems.

Specifications Data

Materials

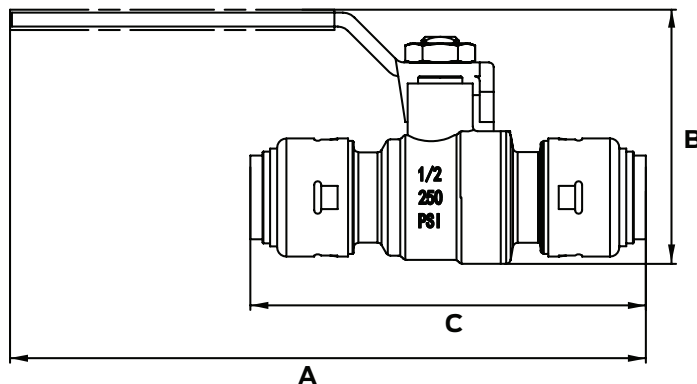
Body	Lead-Free DZR Brass
O-ring	EPDM
Steel Retainer	304 Stainless Steel
Grab Ring	Stainless Steel
Seal Ring	PTFE
Ball	Chrome Plated Brass
Handle	Steel with PVC Coating
Lock Nut	Stainless Steel
Spindle	Lead-Free DZR Brass

Pipe Insertion Depth

Fitting Size	Insertion Depth
1/2 in.	1.00 in.
3/4 in.	1.25 in.
1 in.	1.5 in.

Performance

Max Working Pressure	
Max Pressure	400 psi
Max Temperature	200°F (93°C)



Ball Valve

Dimensions (Inches)

Part #	Size	A	B	C
UR22222	1/2 in. x 1/2 in.	5.4	1.1	2.1
UR22185	3/4 in. x 3/4 in.	5.8	1.4	2.4
UR22223	1 in. x 1 in.	5.9	3.3	4.1

Certifications & Listings

ASME A112.4.14/CSA B125.14, NSF/ANSI 14, NSF/ANSI/CAN 61, NSF/ANSI/CAN 372

For listing information, please contact Customer Service

* HDPE installations must use a tube stiffener. Sold separately by HDPE manufacturer.

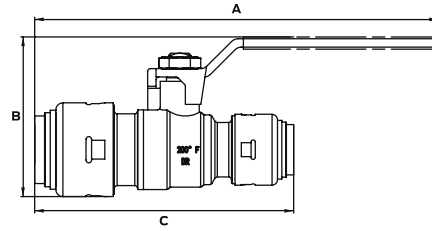
Product Submittal

Name	
Date	
Architect/Owner	
Contractor	
Tag	
Notes	

Reducing Ball Valve

Dimensions (Inches)

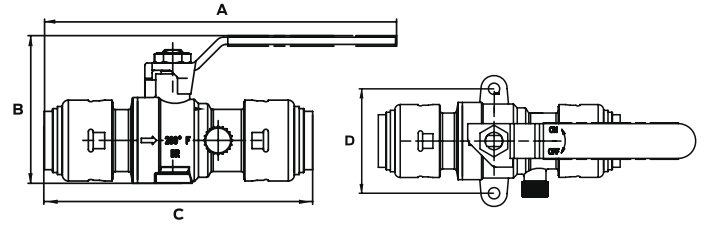
Part #	Size	A	B	C
UR22973	3/4 in. x 1/2 in.	5.7	2.4	3.5
UR22993	1 in. x 3/4 in.	5.9	2.5	4.1



Ball Valve w/ Drain & Drop-Ear

Dimensions (Inches)

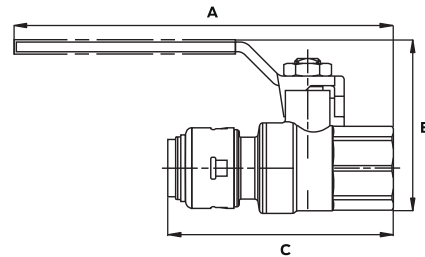
Part #	Size	A	B	C	D
UR24615	1/2 in.	5.4	2.1	3.6	1.5
UR24616	3/4 in.	5.6	2.4	4.2	1.9
UR24617	1 in.	6.9	3.3	5.1	2.3



FNPT Ball Valve

Dimensions (Inches)

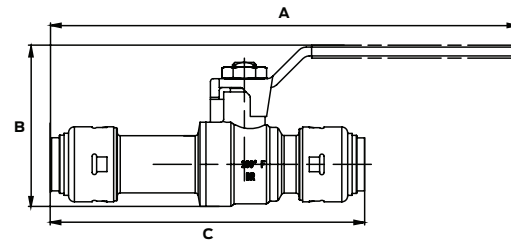
Part #	Size	A	B	C
UR22182	1/2 in. x 1/2 in. FNPT	4.7	1.1	2.1
UR22186	3/4 in. x 3/4 in. FNPT	4.8	1.4	2.4
UR22187	1 in. x 1 in. FNPT	4.7	2.1	2.8



Slip Ball Valve

Dimensions (Inches)

Part #	Size	A	B	C
UR24735	1/2 in.	6.2	2.1	4.2
UR24736	3/4 in.	6.7	2.4	4.9
UR24737	1 in.	6.4	3.3	8.5



*Slip ends are only compatible with CPVC and copper