

Valves





Ball Valves

- Stainless Steel
- Forged Steel
- Brass
- Ductile Iron
- PVC

Check Valves

- Stainless Steel
- Forged Steel
- Brass
- Cast Steel
- PVC

Gate Valves

- Stainless Steel
- Forged Steel
- Brass
- Cast Steel
- Ductile Iron

Butterfly Valves

- Stainless Sanitary
- Ductile Iron
- Cast Iron

Globe Valves

- Stainless Steel
- Forged Steel
- Brass
- Cast Steel

Straight Stops

- Brass
- PVC

Hose Bibbs / Sillcocks

- Brass
- PVC

Boiler Drains

- Brass
- PVC



SCI ProPak™ System

Canadian Registration Numbers available at www.smithcooper.com

Series SC101 316 Stainless Steel One-Piece Ball Valve

- 1000# CWP, 150# WSP
- Reduced Port
- Body/Ball: ASTM A351 GR CF8M (SS316)
- Stem: ASTM A276 T-316
- Pressure balance hole in ball slot
- RTFE Seats
- Blow-Out Proof Stem
- Vacuum Service to 29" Hg
- Locking Handle
- Conforms to MSS SP-110
- ISO 9001:2008 Manufacturer
- Lead Free



Size in	Part Number	Packing		Weight lb
	Threaded	Inner	Master	
1/4	SC101C	30	120	0.14
3/8	SC101E	18	72	0.21
1/2	SC101G	12	48	0.39
3/4	SC101I	10	40	0.49
1	SC101K	8	32	0.82
1-1/4	SC101L	8	16	1.16
1-1/2	SC101M	6	12	1.64
2	SC101N	4	8	2.59

Series SC201 316 Stainless Steel Two-Piece Ball Valve

- 1000# CWP, 150# WSP
- Full Port
- Body/Ball: ASTM A351 GR CF8M (SS316)
- Stem: ASTM A276 T-316
- Pressure balance hole in ball slot
- RTFE Seats
- Blow-Out Proof Stem
- Vacuum Service to 29" Hg
- Locking Handle
- ISO 9001:2008 Manufacturer
- Conforms to MSS SP-110
- Lead Free



Size in	Part Number	Packing		Weight lb
	Threaded	Inner	Master	
1/4	SC201C	10	40	0.46
3/8	SC201E	10	40	0.46
1/2	SC201G	8	32	0.60
3/4	SC201I	12	24	0.87
1	SC201K	8	16	1.45
1-1/4	SC201L	6	12	2.13
1-1/2	SC201M	2	4	3.30
2	SC201N	2	4	5.70
2-1/2	SC201P	-	2	11.59
3	SC201Q	-	2	17.10

Series SC208 & SCL208 with Locking Handle 304 Stainless Steel Two-Piece Ball Valve

- 800# CWP, 150# WSP
- Full Port
- Body/Ball: ASTM A351 GR CF8 (SS304)
- Stem: ASTM A276 T-304
- RTFE Seats
- Blow-Out Proof Stem
- Vacuum Service to 29" Hg
- Locking Handle (SCL208 only)
- Pressure balance hole in ball slot
- Conforms to MSS SP-110
- ISO 9001:2008 Manufacturer
- Lead Free



Size in	Part Number		Packing		Weight lb
	Threaded	w/ Locking Handle	Inner	Master	
1/4	SC208C	SCL208C	12	48	0.36
3/8	SC208E	SCL208E	12	48	0.35
1/2	SC208G	SCL208G	8	32	0.52
3/4	SC208I	SCL208I	12	24	0.95
1	SC208K	SCL208K	8	16	1.21
1-1/4	SC208L	SCL208L	6	12	1.95
1-1/2	SC208M	SCL208M	4	8	2.74
2	SC208N	SCL208N	2	4	4.44

Series SC301 316 Stainless Steel Three-Piece Ball Valve

- 1000# CWP, 150# WSP
- Full Port
- Body/Ball/End Caps: ASTM A351 GR CF8M (SS316)
- Stem: ASTM A 276 T-316
- Pressure balance hole in ball slot
- RTFE Seats
- Blow-Out Proof Stem
- Conforms to MSS SP-110
- Vacuum Service to 29" Hg
- Locking Handle
- ISO 9001:2008 Manufacturer
- Repair Kits, Lever Handles and Oval Handles Available
- Threaded and Socketweld Available
- Lead Free



Size in	Part Number		Packing		Weight lb
	Threaded	Socket Weld	Inner	Master	
1/4	SC301THC	-	6	24	0.67
3/8	SC301THE	-	6	24	0.68
1/2	SC301THG	SC301SWG	8	16	1.01
3/4	SC301THI	SC301SWI	8	16	1.33
1	SC301THK	SC301SWK	6	12	1.96
1-1/4	SC301THL	SC301SWL	4	8	2.96
1-1/2	SC301THM	SC301SWM	-	4	4.55
2	SC301THN	SC301SWN	-	3	7.13
2-1/2	SC301THP	-	-	2	15.87
3	SC301THQ	-	-	2	23.53
4	SC301THT	-	-	2	46.19

Series SC402 316 Stainless Steel Gate Valve

- 200# CWP, 125# WSP
- 316 Stainless Steel
- Solid Wedge Disc
- Screwed in Bonnet
- Non-Rising Stem
- ISO 9001:2008 Manufacturer
- Lead Free



Size in	Part Number Threaded	Packing Master	Weight lb
1/2	SC402G	30	0.9
3/4	SC402I	25	1.2
1	SC402K	20	1.5
1-1/4	SC402L	15	2.2
1-1/2	SC402M	10	3.4
2	SC402N	5	4.5

Series SC502 316 Stainless Steel Globe Valve

- 200# CWP, 125# WSP
- 316 Stainless Steel
- Metal-to-Metal Seat
- Screwed in Bonnet
- Rising Stem
- ISO 9001:2008 Manufacturer
- Lead Free



Size in	Part Number Threaded	Packing Master	Weight lb
1/2	SC502G	40	0.7
3/4	SC502I	25	1.0
1	SC502K	20	1.4
1-1/4	SC502L	15	1.5
1-1/2	SC502M	10	2.8
2	SC502N	6	4.7

Series SC602 316 Stainless Steel Check Valve

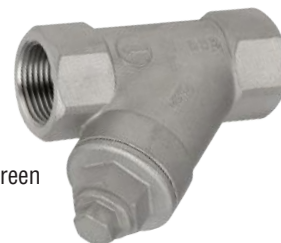
- 200# CWP, 125# WSP
- 316 Stainless Steel
- Metal-to-Metal Seat
- Screwed Cap
- ISO 9001:2008 Manufacturer
- Lead Free



Size in	Part Number Threaded	Packing Master	Weight lb
1/2	SC602G	25	0.7
3/4	SC602I	16	1.0
1	SC602K	12	1.5
1-1/4	SC602L	9	2.2
1-1/2	SC602M	10	3.3
2	SC602N	8	4.7
2-1/2	SC602P	2	10.0
3	SC602Q	2	16.7

Series S7066YS 316 Stainless Steel Threaded Wye Strainer

- 800# CWP, 150# WSP
- 20 Mesh 316 Stainless Steel Screen
- Blow-Down Plug
- Lead Free



Size in	Part Number Threaded	Weight lb
1/2	S7066YS004	0.5
3/4	S7066YS006	0.8
1	S7066YS010	1.6
1-1/4	S7066YS012	2.0
1-1/2	S7066YS014	2.7
2	S7066YS020	4.3

Series 0384 PTFE Tape with Nickel

- Use on Stainless Steel Threads
- 90% PTFE / 10% Nickel
- Melting Point 620°F (327°C)
- Thickness .0045 (±.0005)
- ISO 9001:2008 Manufacturer
- ASTM Mill Spec T-27730A



Size in	Part Number	Length in	Packing Inner	Packing Master	Weight lb
1/2	0384260G	260	100	600	0.02
3/4	0384260I	260	50	300	0.04

Each valve individually tagged with CWP and WSP pressure ratings, alloy of body, ball and stem, series number and notice of LEAD FREE.



Series S76BVH & S76SBVH

316 Stainless Steel Instrumentation Ball Valve

- 1000 psi @ 200° F
- PTFE seats
- Double ferrule instrumentation tube ends - S76BVH
- Single ferrule instrumentation tube ends - S76SBVH



Tube OD in	Part Number		Packing		Weight lb
	Double Ferrule	Single Ferrule	Inner	Master	
1/4	S76BVH002	S76SBVH002	1	10	0.4
3/8	S76BVH003	S76SBVH003	1	10	0.4
1/2	S76BVH004	S76SBVH004	1	10	0.7
3/4	S76BVH006	S76SBVH006	1	10	1.0
1	S76BVH010	S76SBVH010	1	10	1.6

Series S76BVH6

316 Stainless Steel Instrumentation Ball Valve

- 6000 psi @ 200° F
- PTFE seats
- Double ferrule instrumentation tube ends

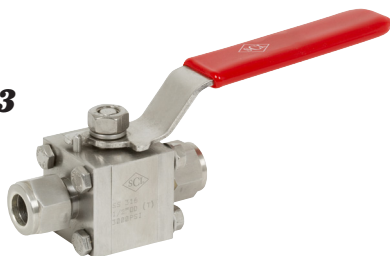


Tube OD in	Part Number		Packing		Weight lb
	Instrumentation		Inner	Master	
1/4	S76BVH6002		1	10	0.4
3/8	S76BVH6003		1	10	0.4
1/2	S76BVH6004		1	10	0.7
3/4	S76BVH6006		1	10	1.0
1	S76BVH6010		1	10	1.6

Series S76BVH3

316 Stainless Steel Instrumentation Ball Valve

- 3000 psi @ 200° F
- PTFE seats
- Double ferrule instrumentation tube ends



Tube OD in	Part Number		Packing		Weight lb
	Instrumentation		Inner	Master	
1/4	S76BVH3002		1	10	0.6
3/8	S76BVH3003		1	10	0.7
1/2	S76BVH3004		1	10	0.8
3/4	S76BVH3006		1	10	1.6
1	S76BVH3010		1	10	2.5

Series S76PCV3 & S76SPCV3

316 Stainless Steel Instrumentation Check Valve

- 3000 psi @ 200° F
- Cracking Pressure 7 psi
- PTFE seats
- Double ferrule instrumentation tube ends - S76PCV3
- Single ferrule instrumentation tube ends - S76SPCV3



Tube OD in	Part Number		Packing		Weight lb
	Double Ferrule	Single Ferrule	Inner	Master	
1/4	S76PCV3002	S76SPCV3002	1	10	0.3
3/8	S76PCV3003	S76SPCV3003	1	10	0.3
1/2	S76PCV3004	S76SPCV3004	1	10	0.5
3/4	S76PCV3006	S76SPCV3006	1	10	0.6
1	S76PCV3010	S76SPCV3010	1	10	1.5

Series S7166NV

316 Stainless Steel Needle Valve

- 6000 lb. CWP
- Straight pattern
- NPT threaded ends
- 0°F to 450°F



Size in	Part Number	Weight lb
	Threaded	
1/4	S7166NV002	1.0
3/8	S7166NV003	1.1
1/2	S7166NV004	1.6
3/4	S7166NV006	1.9
1	S7166NV010	3.1

For our complete line of instrumentation see pages 59-72.



Series 8170 & 8171 Brass Ball Valve

- 600 lb. CWP, 150 lb. WSP
- Full port
- Forged brass body
- Blow-out proof stem
- Chrome plated ball
- UL Listed (1/4" – 2") threaded
- F/M Approved, (1/2" – 2")
- CSA Approved under z21.15a for 1/2 psig (1/2" – 2") – threaded
- CSA Approved under 3-88 for 5 psig (1/2" – 2") – threaded
- Approved under ANSI/ASME B16.33 spec for Gas Piping to 125 psig (1/2" – 2")
- Meets Fed Spec WW-V-35, Type II, Class A, Style 3 (1/2" – 2")
- Conforms to MSS-SP110
- Certified to NSF/ANSI 61-8 / Annex G Lead Free
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Threaded	Sweat	Inner	Master	
1/4	01728170C	-	10	160	0.4
3/8	01728170E	-	10	160	0.3
1/2	01728170G	01728171G	10	160	0.5
3/4	01728170I	01728171I	6	72	0.7
1	01728170K	01728171K	4	48	1.0
1-1/4	01728170L	01728171L	4	24	1.7
1-1/2	01728170M	01728171M	6	18	2.3
2	01728170N	01728171N	4	8	3.5
2-1/2	01728170P	-	1	6	7.9
3	01728170Q	-	2	4	11.7
4	01728170T	-	1	2	22.1

Series 8145 & 8146 Brass Ball Valve

- 600 lb. CWP, 150 lb. WSP
- Full port
- Forged brass body
- Chrome plated ball
- PTFE seats and seals
- Blow-out proof stem
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Threaded	Sweat	Inner	Master	
1/4	01728145C	-	12	120	0.4
3/8	01728145E	-	12	120	0.3
1/2	01728145G	01728146G	8	96	0.4
3/4	01728145I	01728146I	6	72	0.6
1	01728145K	01728146K	6	36	0.9
1-1/4	01728145L	01728146L	6	24	1.3
1-1/2	01728145M	01728146M	2	16	2.1
2	01728145N	01728146N	2	12	3.1

Series 8155 & 8156 Brass Ball Valve

- 600 lb. CWP, 150 lb. WSP
- Full port
- Forged brass body
- Chrome plated ball
- PTFE seats and seals
- Blow-out proof stem
- CSA approved (1/2 thru 2) - threaded
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Threaded	Sweat	Inner	Master	
1/4	01728155C	-	10	160	0.3
3/8	01728155E	-	10	160	0.3
1/2	01728155G	01728156G	10	120	0.5
3/4	01728155I	01728156I	10	60	0.7
1	01728155K	01728156K	6	60	1.0
1-1/4	01728155L	01728156L	4	24	1.7
1-1/2	01728155M	01728156M	4	16	2.3
2	01728155N	01728156N	2	16	3.5
2-1/2	01728155P	01728156P	1	6	7.2
3	01728155Q	01728156Q	2	4	8.8
4	01728155T	01728156T	1	2	16.5

Series 8135 Brass Ball Valve

- 400 lb. CWP, 150 lb. WSP
- Standard port
- Forged brass body
- Chrome plated ball
- PTFE seats and seals
- Blow-out proof stem
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Threaded		Inner	Master	
1/4	01728135C		12	120	0.3
3/8	01728135E		12	120	0.3
1/2	01728135G		12	120	0.4
3/4	01728135I		8	96	0.5
1	01728135K		8	48	0.9
1-1/4	01728135L		8	32	1.1
1-1/2	01728135M		4	24	1.7
2	01728135N		2	16	2.4
2-1/2	01728135P		2	8	5.4
3	01728135Q		2	4	8.2
4	01728135T		2	4	13.1

**Series 8140 & 8141 Lever Handle
Series 8142 Slotted Stem
Mini Brass Ball Valves**

- 600 lb. CWP, 150 lb. WSP
- Forged brass body
- PTFE seats and seals
- ISO 9001:2008 manufacturer



Size in	Part Number	Ends Config.	Packing		Weight lb
			Inner	Master	
1/4 x 1/4	01728140CC	FIP x FIP	50	300	0.2
1/8 x 1/8	01728141AA	FIP x MIP	25	300	0.2
1/4 x 1/8	01728141CA	FIP x MIP	25	300	0.2
1/4 x 1/4	01728141CC	FIP x MIP	50	400	0.2
1/4 x 1/4	01728142CC	FIP x MIP	25	300	0.1

**Series 9191 & 9192
Brass Swing Check Valve**

- 200 lb. CWP, 125 lb. WSP
- Cast brass
- Forged brass disc
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Threaded	Sweat	Inner	Master	
3/8	01739191E	-	25	150	0.4
1/2	01739191G	01739192G	20	120	0.4
3/4	01739191I	01739192I	12	72	0.5
1	01739191K	01739192K	10	60	0.7
1-1/4	01739191L	01739192L	8	32	1.3
1-1/2	01739191M	01739192M	5	20	1.6
2	01739191N	01739192N	4	16	2.6
2-1/2	01739191P	01739192P	1	8	4.5
3	01739191Q	01739192Q	1	8	6.6
4	01739191T	-	1	4	11.4

**Series CV30
Brass In-Line Check Valve**

- Rated at 200 psi
- Cast brass
- EPDM seat and seal
- Spring loaded, stainless steel spring, opens at 2 psi



Size in	Part Number	Packing		Weight lb
		Threaded Ends	Inner	
1/2	0209CV30G	10	150	0.4
3/4	0209CV30I	18	108	0.6
1	0209CV30K	10	60	0.9
1-1/4	0209CV30L	8	40	1.5
1-1/2	0209CV30M	5	30	1.5
2	0209CV30N	4	24	3.5

**Series 8501 & 8502
Brass Gate Valve**

- 200 lb. CWP, 125 lb. WSP
- Full port (1/4 - 3)
- Cast brass
- Screwed in bonnet
- Non-rising brass stem
- Approved to ANSI/NSF 61-8
- ISO 9001:2008 manufacturer
- **Brass cross handles available**



Size in	Part Number		Packing		Weight lb
	Threaded	Sweat	Inner	Master	
1/4	01718501C	-	12	72	0.5
3/8	01718501E	01718502E	12	72	0.5
1/2	01718501G	01718502G	12	72	0.6
3/4	01718501I	01718502I	14	56	0.8
1	01718501K	01718502K	5	40	1.1
1-1/4	01718501L	01718502L	3	18	1.8
1-1/2	01718501M	01718502M	6	24	2.2
2	01718501N	01718502N	4	16	3.3
2-1/2	01718501P	01718502P	1	6	6.4
3	01718501Q	01718502Q	1	6	9.7
4	01718501T	-	1	4	17.0

**Series 9101
Bronze Gate Valve**

- 300 lb. CWP, 150 lb. WSP
- Full port (1/2 - 3)
- ASTM B-62 bronze
- Solid wedge disc
- Screwed in bonnet
- Non-rising stem
- Conforms to MSS SP-80
- Cast iron star handle
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
		Threaded	Inner	
1/2	01719101G	12	72	0.6
3/4	01719101I	14	56	1.0
1	01719101K	5	40	1.3
1-1/4	01719101L	3	18	1.9
1-1/2	01719101M	6	24	2.3
2	01719101N	4	16	3.5
2-1/2	01719101P	1	6	6.7
3	01719101Q	1	6	9.1
4	01719101T	1	4	15.7

Series 200

Straight Gas Ball Valve, FIP

- Lever/tee handle, UL Listed
- Forged brass body, two-piece
- Blow-out proof stem
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	FIP x FIP	Inner	Master	
3/8	0190200E	10	100	0.3
1/2	0190200G	10	100	0.3
3/4	0190200I	10	100	0.5
1	0190200K	6	48	0.9

Series 230

Straight Gas Ball Valve, FIP x Flare

- Lever/tee handle, UL Listed
- Forged brass body, two-piece
- Blow-out proof stem
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	FIP x Flare	Inner	Master	
1/2 x 3/8	0190230GE	10	100	0.4
1/2 x 1/2	0190230GG	10	100	0.4
1/2 x 9/16	0190255XG	10	100	0.4
1/2 x 5/8	0190230GH	10	100	0.4
3/4 x 5/8*	0190230IH	10	80	0.5

***5/8 Flare connection 15/16-16 threads**

Series 235

Angle Gas Ball Valve, FIP x Flare

- Lever/tee handle, UL Listed
- Forged brass body, two-piece
- Blow-out proof stem
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	FIP x Flare	Inner	Master	
1/2 x 3/8	0190235GE	12	144	0.4
1/2 x 1/2	0190235GG	12	144	0.4
3/4 x 5/8*	0190235IH	12	144	0.6

***5/8 Flare connection 15/16-16 threads**

Series 236

Straight Gas Ball Valve, Flare

- Lever/tee handle, UL Listed
- Forged brass body, two-piece
- Blow-out proof stem
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	Flare x Flare	Inner	Master	
3/8	0190236EE	10	100	0.4
1/2	0190236GG	10	100	0.4

Series 250

Straight Gas Ball Valve, FIP

- Square operator, UL Listed
- Forged brass body, two-piece
- Blow-out proof stem
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	FIP x FIP	Inner	Master	
1/2	0190250G	12	144	0.3
3/4	0190250I	12	144	0.5

All Gas Valves are certified to:

Fed. Spec. WW-V-35, Type II Class A, Style 3 / CSA Approved
(ANSI z21.15a for 1/2 psiG) / CSA Approved (3-88 spec 5 psiG
Residential Gas)



**Order On-Line
at www.smithcooper.com**

Series 160

Iron Body Butterfly Valve

- 200 psi (2" - 12")
- 150 psi (14" & 16")
- Wafer body - Cast Iron
- Lug wafer body - Ductile Iron
- Disc materials: 316 stainless steel, nickel plated ductile iron or aluminum bronze
- Seat materials: EPDM or BUNA-N
- Lug or wafer connections
- Stainless steel stem
- Fusion bonded epoxy coating
- MSS SP-67/API 609
- ISO 5211 mounting pad
- Install between ANSI Class 125/150 flanges
- Not suitable for dead-end service or steam
- ISO 9001:2008 manufacturer
- Stem extensions available
- Phenolic backed cartridge seat
- Bi-Directional service
- Self lubricating bushings

0160W D E L 020

Valve Style	
0160W	Wafer
0160L	Lug

Disc Material	
S	316 Stainless Steel
D	Nickel Plated Ductile Iron
A	Aluminum Bronze*

Seat Material	
E	EPDM
N	BUNA-N

Operator	
L	10 Position Lever Handle
G	Gear Operator

Size in	
020	2
024	2-1/2
030	3
040	4
050	5
060	6
080	8
100	10
120	12
140	14
160	16



*Denotes Special Order - Lead Times Will Vary, Call For More Information

Series 17

Ductile Iron Body Butterfly Valve

- 200 psi (2" - 12")
- 150 psi (14" - 48")
- Ductile iron body or stainless steel body
- Disc materials: 316 stainless steel, nickel plated ductile iron, aluminum bronze, ductile iron nylon coated or monel
- Seat materials: EPDM, BUNA-N, BUNA (peroxide cured), EPDM Food Grade, Viton, Hypalon, Hi-temp Viton or PTFE
- Lug, wafer or flanged connections
- MSS SP - 67 and API 609 compliant
- MSS SP - 25 marking
- Self-lubricating bushings
- Blow-out proof shaft
- Epoxy coated
- ISO 5211 mounting pad
- For bi-directional or dead-end service
- Valves available with undercut discs to 50 psi maximum working pressure
- Phenolic backed cartridge seat
- Stem extensions available



Series 17 Gear Operator

- Nine Sizes
- From 1,500 - 26,400 In/ lb.
- Fits Series 17 Butterfly Valves
- ISO Bolt Circle
- Cast Iron Body
- Visual Position Indicator
- Can be fitted for chainwheels, other handwheels or limit switches



SV17W 1 2 4 1 2 020

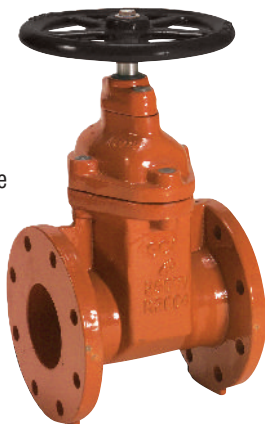
Valve Style		Body Material		Disc Material		Shaft Material		Seat Material		Operator		Size in	
SV17W	Wafer	2	Ductile Iron (A356)	6	316 Stainless Steel	4	Stainless Steel 416	1	EPDM	1	10 Position Lever Handle	020	2
SV17L	Lug	6	316 Stainless Steel (A351)*	3	Aluminum Bronze (C594)	6	Stainless Steel 316	4	BUNA-N	2	Gear Operator	024	2-1/2
								2	BUNA (Perox. Cured)*	3	Pneumatic Double Acting	030	3
								3	EPDM (Food Grade)*	4	Pneumatic SR Fail Close	040	4
								5	Viton*	5	Pneumatic SR Fail Open	050	5
								9	PTFE*	6	Electric Actuator	060	6
										7	Gear w/ Chain Wheel	080	8
										8	Bare Stem	100	10
												120	12
												140	14
												160	16
												180	18
												200	20
												240	24
												260	26
												300	30
												340	34
												360	36
												420	42
												480	48



*Denotes Special Order - Lead Times Will Vary, Call For More Information

Series 10FW Flanged Gate Valve with Handwheel

- 250 lb. non-shock cold working pressure
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated stainless steel cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515



Size in	Part Number	Weight lb
	Flanged	
2	017110FW020	32
2-1/2	017110FW025	43
3	017110FW030	53
4	017110FW040	74
6	017110FW060	150
8	017110FW080	215
10	017110FW100	335
12	017110FW120	478
14	017110FW140	868
16	017110FW160	1224

Series 10FN Flanged Gate Valve with Operating Nut

- 250 lb. non-shock cold working pressure
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated stainless steel cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515



Size in	Part Number	Weight lb
	Flanged	
2	017110FN020	32
2-1/2	017110FN025	43
3	017110FN030	53
4	017110FN040	74
6	017110FN060	150
8	017110FN080	215
10	017110FN100	335
12	017110FN120	478
14	017110FN140	868
16	017110FN160	1224

Series 10MN Mechanical Joint Gate Valve with Operating Nut

- 250 lb. non-shock cold working pressure
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated stainless steel cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515



Size in	Part Number	Weight lb
	Mechanical Joint	
3	017110MN030	44
4	017110MN040	63
6	017110MN060	127
8	017110MN080	174
10	017110MN100	277
12	017110MN120	461
14	017110MN140	875
16	017110MN160	1225
18	017110MN180	1436

Series 10MFN Flanged by Mechanical Joint with Operating Nut

- 250 lb. non-shock cold working pressure
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated stainless steel cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515



Size in	Part Number	Weight lb
	Mechanical Joint x Flanged	
3	017110MFN030	50
4	017110MFN040	70
6	017110MFN060	143
8	017110MFN080	207
10	017110MFN100	321
12	017110MFN120	460

Series 10RN Ring Tite Joint IPS Gate Valve with Operating Nut

- 250 lb. non-shock CWP
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated stainless steel cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515
- IPS pipe size



Size in	Part Number	Weight lb
	Push On	
2	017110RN020	27
2-1/2	017110RN025	38
3	017110RN030	47
4	017110RN040	69
6	017110RN060	146
8	017110RN080	208

Series 10NW & 10NN IPS Threaded Gate Valve with Handwheel or Operating Nut

- 250 lb. non-shock CWP
- Ductile iron body and bonnet
- Stainless steel non-rising stem
- Wax encapsulated stainless steel cap screws
- Fusion bonded epoxy coating
- Meets AWWA C515



Size in	Part Number		Weight lb
	Hand Wheel	Op Nut	
2	017110NW020	017110NN020	24
3	017110NW030	017110NN030	49
4	017110NW040	017110NN040	68

Series 21FC Flanged Cast Iron Swing Check Valve

- 200 lb. CWP
- Meets AWWA C508
- Gray Iron ASTM A126, Class B Body
- Meets MSS-SP-71
- Fusion bonded epoxy coating AWWA C550
- Flanged connection
- Resilient disc
- Brass seat
- 4 boss design



Size in	Part Number	Weight lb
	Flanged	
2	017321FC020	26
2-1/2	017321FC025	36
3	017321FC030	43
4	017321FC040	66
6	017321FC060	123
8	017321FC080	248
10	017321FC100	452
12	017321FC120	620

Series 21FCW Flanged Cast Iron Swing Check Valve with Lever and Weight

- 200 lb. CWP
- Meets AWWA C508
- Gray Iron ASTM A126, Class B Body
- Meets MSS-SP-71
- Fusion bonded epoxy coating AWWA C550
- Flanged connection
- Resilient disc
- Brass seat
- 4 boss design



Size in	Part Number	Weight lb
	Flanged	
2	017321FCW020	30
2-1/2	017321FCW025	50
3	017321FCW030	65
4	017321FCW040	82
6	017321FCW060	136
8	017321FCW080	264
10	017321FCW100	464
12	017321FCW120	660

Spring Kits Available

Series 100 & 101 Brass Boiler Drain

- 125 lb. CWP
- Cast brass
- Cast iron handle



Size in	Part Number		Packing		Weight lb
	Female	Male	Inner	Master	
1/2	0190100G	0190101G	14	84	0.5
3/4	0190100I	0190101I	14	84	0.5

Series 101X Brass Extended Shank Boiler Drain

- 125 lb. CWP
- Cast brass
- Extended shank model w/plastic locknut
- Cast iron handle



Size in	Part Number	Packing		Weight lb
	Male	Inner	Master	
1/2	0190101XG	12	72	0.5

Series 102 & 103 Brass Boiler Drain with Stuffing Box

- 125 lb. CWP
- Full flow
- Cast brass
- CSA Approved
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Female	Male	Inner	Master	
1/2	0190102G	0190103G	12	72	0.5
3/4	0190102I	0190103I	12	72	0.5

Series 106 Brass Boiler Drain, Compression Inlet

- 125 lb. CWP
- Cast brass
- Cast iron handle



Size in	Part Number	Packing		Weight lb
	Compression	Inner	Master	
1/2	0190106G	12	72	0.5

Series 180 Brass Evaporative Cooler Valve

- 125 lb. CWP
- Cast brass
- 1/8 NPT outlet tapped in side



Size in	Part Number	Packing		Weight lb
	Female	Inner	Master	
3/4	0190180I	14	84	0.5

Series 301 Brass Boiler Drain, 1/4 Turn

- 125 lb. CWP
- Lever/tee handle



Size in	Part Number	Packing		Weight lb
	Male	Inner	Master	
1/2	0190301G	12	72	0.5
3/4	0190301I	12	72	0.6

Series 4101
Bronze Globe Valve

- 200 lb. CWP, 125 lb. WSP
- 85-5-5-5 bronze body
- Hard seat
- Conforms to MSS SP-80
- Brass stem and disc
- Cast iron handle
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Threaded		Inner	Master	
3/8	01764101E		10	100	0.6
1/2	01764101G		14	84	0.6
3/4	01764101I		10	60	0.7
1	01764101K		5	30	1.1
1-1/4	01764101L		4	32	1.9
1-1/2	01764101M		6	24	2.4
2	01764101N		4	16	3.6

Series 135
Brass Straight Stop with Drain

- 125 lb. CWP
- Cast brass
- Certified to NSF/ANSI 61-8
- Rubber packing



Size in	Part Number		Packing		Weight lb
	Threaded		Inner	Master	
1/2	0190135G		12	72	0.6

Series 132 & 142
Brass Straight Stop with Stuffing Box

- 125 lb. CWP
- Cast brass
- CSA Approved
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Threaded	Sweat	Inner	Master	
1/2	0190132G	0190142G	14	84	0.6
3/4	0190132I	0190142I	14	84	0.6

Series 136 & 146
Brass Straight Stop with Drain

- 125 lb. CWP
- Cast brass
- CSA Approved
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Threaded	Sweat	Inner	Master	
1/2	0190136G	0190146G	14	84	0.6
3/4	0190136I	0190146I	12	84	0.6

Series 164
Brass No Kink Hose Bibb, MIP Inlet 1/4 Turn

- 125 lb. CWP
- Cast brass
- Red Butterfly handle
- ISO 9001:2008 manufacturer



Size in	Part Number	Ends Config.	Packing		Weight lb
			Inner	Master	
1/2	0190164G	Male	12	96	0.3
3/4	0190164I	Male	12	96	0.5
3/4x 1/2	0190164IG	SWT x SWT	12	96	0.4

Series 361 & 362
Brass Hose Bibb, 1/4 Turn

- 125 lb. CWP
- Red Butterfly handle
- Cast brass
- ISO 9001:2008 manufacturer



Size in	Part Number		Packing		Weight lb
	Male	Female	Inner	Master	
1/2	0190361G	0190362G	12	72	0.48
3/4	0190361I	0190362I	12	72	0.53

Series 166

**Brass Hose Bibb,
MIP Inlet**

- 125 lb. CWP
- Cast brass
- Heavy duty construction
- Green Tee handle
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	Male	Inner	Master	
1/2	0190166G	10	60	0.6
3/4	0190166I	10	60	0.6

Series 167

**Brass No Kink Hose Bibb,
Compression Inlet**

- 125 lb. CWP
- Cast brass
- Heavy duty construction
- Green Tee handle
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	Compression	Inner	Master	
1/2	0190167G	15	90	0.5

Series 168

**Brass No Kink Hose Bibb,
FIP Inlet**

- 125 lb. CWP
- Cast brass
- Heavy duty construction
- Green Tee handle
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	Female	Inner	Master	
1/2	0190168G	15	90	0.4
3/4	0190168I	15	90	0.5

Series 169

**Brass No Kink Hose Bibb, MIP
Inlet**

- 125 lb. CWP
- Cast brass
- Heavy duty construction
- Green Tee handle
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	Male	Inner	Master	
1/2	0190169G	15	90	0.5
3/4	0190169I	15	90	0.5

Series 169IG

**Brass No Kink Hose Bibb,
Sweat Inlet**

- 125 lb. CWP
- Cast brass
- Heavy duty construction
- Green Tee handle
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	Fem/Male SWT	Inner	Master	
3/4 x 1/2	0190169IG	15	90	0.5

Series 170

**Brass Bent Nose Garden
Valve, FIP Inlet**

- 125 lb. CWP
- Cast brass
- Oval handle



Size in	Part Number	Packing		Weight lb
	Female	Inner	Master	
1/2	0190170G	12	72	0.7
3/4	0190170I	12	72	0.7
1	0190170K	12	72	0.7
1/2	0190170GLK*	12	72	0.6
3/4	0190170ILK*	12	72	0.7

*With Loose Key Handle

Series 159 Brass No Kink Hose Bibb, Compression Inlet

- 125 lb. CWP
- Cast brass



Size in	Part Number	Packing		Weight lb
	Compression	Inner	Master	
1/2	0190159G	20	120	0.4

Series 160 Brass Hose Bibb, MIP Inlet

- 125 lb. CWP
- Cast brass



Size in	Part Number	Packing		Weight lb
	Male	Inner	Master	
1/2	0190160G	15	90	0.4
3/4	0190160I	15	90	0.4

Series 161 Brass No Kink Hose Bibb, MIP Inlet

- 125 lb. CWP
- Cast brass



Size in	Part Number	Packing		Weight lb
	Male	Inner	Master	
1/2	0190161G	20	120	0.3
3/4	0190161I	20	120	0.4

Series 162 Brass No Kink Hose Bibb, FIP Inlet

- 125 lb. CWP
- Cast brass



Size in	Part Number	Packing		Weight lb
	Female	Inner	Master	
1/2	0190162G	20	120	0.3
3/4	0190162I	20	120	0.3

Series 163 Brass No Kink Hose Bibb, Sweat Inlet

- 125 lb. CWP
- Cast brass



Size in	Part Number	Packing		Weight lb
	Fem/Male SWT	Inner	Master	
3/4 x 1/2	0190163IG	20	120	0.5

Series 260 and 520 PTFE Tape (Virgin)

- Melting point 620°F (327°C)
- Thickness .0035 (±.0005)
- ISO 9001:2008 manufacturer
- ASTM Mil Spec T-27730A



Size in	Part Number	Length in	Packing		Weight lb
			Inner	Master	
1/2	0383260G	260	200	1200	0.1
3/4	0383260I	260	150	600	0.1
1/2	0383520G	520	200	1200	0.1
3/4	0383520I	520	150	600	0.1
1	0383260K	260	150	600	0.1
1/2 (yellow)	0383260GY	260	100	600	0.1

Series 400 Frost Free Sillcock

- 3/4 MHT outlet
- 1/2 MIP x 1/2 SWT inlet
- Brass body
- Chrome plated



Length in	Part Number 1/2 MIP x 1/2 SWT	Packing		Weight lb
		Inner	Master	
4	0190404GG	2	48	0.9
6	0190406GG	2	48	1.0
8	0190408GG	2	48	1.0
10	0190410GG	2	48	1.1
12	0190412GG	2	48	1.2

Series 500 Frost Free Sillcock

- 3/4 MHT outlet
- 3/4 MIP x 1/2 FIP inlet
- Brass body
- Chrome plated



Length in	Part Number 3/4 MIP x 1/2 FIP	Packing		Weight lb
		Inner	Master	
4	0190504IG	2	48	1.0
6	0190506IG	2	48	1.0
8	0190508IG	2	48	1.1
10	0190510IG	2	48	1.1
12	0190512IG	2	24	1.2
14	0190514IG	2	24	1.3

Series 700 Anti-Siphon Frost Free Sillcock

- 3/4 MHT outlet
- 1/2 MIP x 1/2 SWT inlet
- Chrome plated brass body with vacuum breaker
- Metal handle (plastic handle available)
- IAPMO/UPC Listed
- CSA Approved
- ASSE Approved
- ISO 9001:2008 manufacturer



Length in	Part Number 1/2 MIP x 1/2 SWT	Packing		Weight lb
		Inner	Master	
4	0190704GG	2	24	1.0
6	0190706GG	2	24	1.1
8	0190708GG	2	24	1.1
10	0190710GG	2	24	1.2
12	0190712GG	2	24	1.3
14	0190714GG	2	24	1.3

Series 800 Anti-Siphon Frost Free Sillcock

- 3/4 MHT outlet
- 3/4 MIP x 1/2 FIP inlet
- Chrome plated brass body with vacuum breaker
- Metal handle (plastic handle available)
- IAPMO/UPC Listed
- CSA Approved
- ASSE Approved
- ISO 9001:2008 manufacturer



Length in	Part Number 3/4 MIP x 1/2 FIP	Packing		Weight lb
		Inner	Master	
4	0190804IG	2	48	1.1
6	0190806IG	2	24	1.1
8	0190808IG	2	24	1.2
10	0190810IG	2	24	1.2
12	0190812IG	2	24	1.2
14	0190814IG	2	24	1.3

Series 112VB

Brass Flanged Sillcock with Stuffing Box & Vacuum Breaker, FIP Inlet

- 125 lb. CWP
- Cast brass
- Hose end vacuum breaker installed
- Certified to NSF/ANSI 61-8
- Vacuum breaker meets ANSI 10.11 and CSA B64.2
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	Female	Inner	Master	
1/2	0190112GVB	8	48	0.8

Series 112

Brass Flanged Sillcock with Stuffing Box, FIP Inlet

- 125 lb. CWP
- Cast brass
- Certified to NSF/ANSI 61-8
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	Female	Inner	Master	
1/2	0190112G	10	60	0.6
3/4	0190112I	8	48	0.6

Series 167

Vacuum Breaker

- FHT x MHT
- ASSE/UPC Approved and Marked
- Flat sealing washer
- Break away locking screw



Size in	Part Number	Packing		Weight lb
		Inner	Master	
3/4	0190167II	48	288	0.2

Series 310

Brass Flanged Sillcock, FIP Inlet 1/4 Turn

- Red Butterfly Handle
- Brass Body
- ISO 9001:2008 manufacturer



Size in	Part Number	Packing		Weight lb
	Female	Inner	Master	
1/2	0190310G	12	72	0.5
3/4	0190310I	12	72	0.6

Series 110 & 111

Brass Flanged Sillcock FIP or Sweat Inlet

- 125 lb. CWP
- Cast brass



Size in	Part Number	Connection	Packing		Weight lb
			Inner	Master	
1/2	0190110G	Female	12	72	0.5
3/4	0190110I	Female	12	72	0.5
1/2 x 3/4	0190111GI	Sweat	12	72	0.5

Series 7200

Ground Key Stop & Drain

- Max 150 psi @ 100°F



Size in	Part Number	Packing		Weight lb
	Slip x Slip	Inner	Master	
1/2	01767200G	6	48	.9
3/4	01767200I	6	48	1.0
1	01767200K	4	32	2.0

Series 9121 & 9122 PVC Ball Valve

- Schedule 40/80 PVC
- 150 psi @ 73°F
- Molded-in-place construction
- White w/blue handle
- EPDM O-ring stem seal
- Santoprene seat



Size in	Part Number		Packing		Weight lb
	Threaded	Slip	Inner	Master	
1/2	02939121G	02939122G	24	96	0.2
3/4	02939121I	02939122I	18	72	0.2
1	02939121K	02939122K	20	80	0.4
1-1/4	02939121L	02939122L	20	40	0.5
1-1/2	02939121M	02939122M	14	28	0.8
2	02939121N	02939122N	5	20	1.4
2-1/2	02939121P	02939122P	-	12	3.7
3	02939121Q	02939122Q	-	8	5.6
4	02939121T	02939122T	-	3	6.3

Series 9541 & 9542 PVC Ball Valve

- Certified to NSF/ANSI 14
- Schedule 40/80 PVC
- 150 psi @ 73°F
- PTFE seat
- EPDM O-ring stem seal
- Molded-in-place construction
- Gray w/blue handle
- Produced using virgin PVC resins



Size in	Part Number		Packing		Weight lb
	Threaded	Slip	Inner	Master	
1/2	02939541G	02939542G	24	96	0.2
3/4	02939541I	02939542I	18	72	0.2
1	02939541K	02939542K	20	80	0.4
1-1/4	02939541L	02939542L	20	40	0.5
1-1/2	02939541M	02939542M	14	28	0.8
2	02939541N	02939542N	5	20	1.4

Series 9521 & 9522 PVC Ball Valve

- Certified to NSF/ANSI 14
- Schedule 40/80 PVC
- 150 psi @ 73°F
- PTFE seat
- EPDM O-ring stem seal
- Molded-in-place construction
- White w/blue handle
- Produced using virgin PVC resins



Size in	Part Number		Packing		Weight lb
	Threaded	Slip	Inner	Master	
1/2	02939521G	02939522G	24	96	0.2
3/4	02939521I	02939522I	18	72	0.3
1	02939521K	02939522K	20	80	0.6
1-1/4	02939521L	02939522L	20	40	0.7
1-1/2	02939521M	02939522M	14	28	1.0
2	02939521N	02939522N	5	20	1.5

Series 6122 CPVC Ball Valve, CTS Slip

- Certified to NSF/ANSI 14
- Copper Tube Size
- 150 psi @ 180°F
- PTFE seat
- EPDM O-ring stem seal
- Cream body w/red handle
- Produced using virgin CPVC resins



Size in	Part Number		Packing		Weight lb
	Slip		Inner	Master	
1/2	02936122G		45	180	0.1
3/4	02936122I		25	100	0.2
1	02936122K		18	72	0.4

Series CV40 & CV50 PVC In-Line Check Valve

- 150 psi @ 73°F
- Schedule 40 PVC
- EPDM seal
- Spring loaded, stainless steel spring, opens at 2 psi



Size in	Part Number		Packing		Weight lb
	Threaded	Slip	Inner	Master	
1/2	0209CV40G	0209CV50G	12	144	0.2
3/4	0209CV40I	0209CV50I	6	72	0.2
1	0209CV40K	0209CV50K	6	60	0.4
1-1/4	0209CV40L	0209CV50L	4	48	0.6
1-1/2	0209CV40M	0209CV50M	4	40	0.9
2	0209CV40N	0209CV50N	4	24	2.0



Series 7161

Celcon No Kink Hose Bibb

- Max 150 psi @ -20°F to +180°F

Size in	Part Number	Packing		Weight lb
	FIP x MHT	Inner	Master	
1/2	0227161G	–	108	0.2
3/4	0227161I	–	108	0.2



Series 7101 & 7102

Celcon Boiler Drain

- Max 150 psi @ -20°F to +180°F

Size in	Part Number		Packing		Weight lb
	Threaded	Slip	Inner	Master	
1/2	0227101G	0227102G	12	108	0.2
3/4	0227101I	0227102I	12	108	0.2



Series 8135

CPVC Straight Stop Valve with Drain

- Max 100 psi @ 100°F

Size in	Part Number	Packing		Weight lb
	Slip x Slip	Inner	Master	
1/2	0228135G	–	108	0.2



Series 6130

PVC Straight Stop Valve

- Max 100 psi @ 73°F

Size in	Part Number	Packing		Weight lb
	Slip x Slip	Inner	Master	
1/2	0226130G	12	108	0.2
3/4	0226130I	12	108	0.2



Series 7160

Celcon No Kink Hose Bibb

- Max 150 psi @ -20°F to +180°F

Size in	Part Number	Packing		Weight lb
	FIP x MHT	Inner	Master	
1/2	0227160G	12	108	0.2
3/4	0227160I	12	108	0.2



Series 7130

Celcon Straight Stop Valve

- Max 150 psi @ -20°F to +180°F

Size in	Part Number	Packing		Weight lb
	Threaded	Inner	Master	
1/2	0227130G	12	108	0.2
3/4	0227130I	12	108	0.2



Series 8130

CPVC Straight Stop Valve

- Max 100 psi @ 100°F

Size in	Part Number	Packing		Weight lb
	Slip x Slip	Inner	Master	
1/2	0228130G	12	108	0.2
3/4	0228130I	12	108	0.2