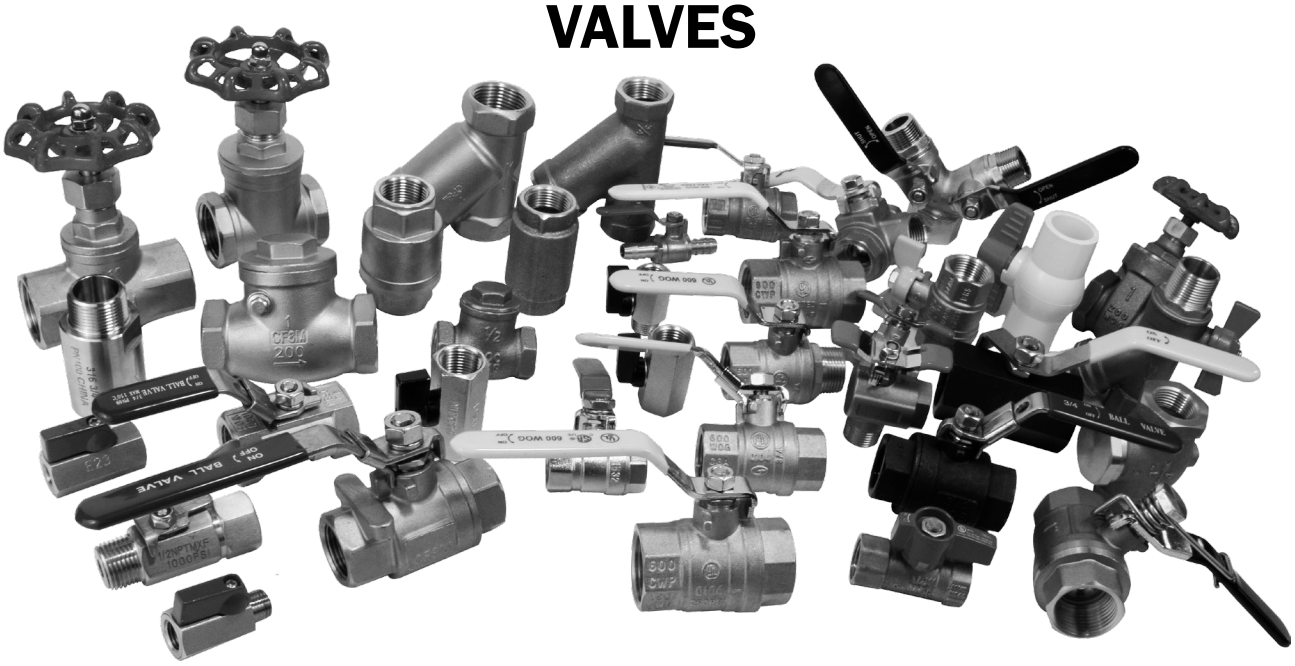
VALVES



VALVES.....**170-214**

LEAD FREE VALVES.....**171-174**
LEAD FREE BALL VALVES **171-173**
BRASS VALVES.....**175-197**

LF Gate and Check valves.....174
Full Port Ball.....175
Locking Handle 176
Butterfly Handle.....177
MIP x FIP.....188-189
N/P Ball Valve--**NEW**.....178
N/P Ball w/SS Trim-**NEW** 179
Italian Ball Valve 180
M X F Ball Valve.....181-182
Tee Handle M X F Ball-**NEW**.....183
M X F Ball Locking handle-**NEW** 184
Spring Handle Ball Vlv--**NEW** 185
Right Angle Ball valve--**NEW**.....185
Wye, 3-Way Ball Valve-**NEW**.....186
Safety Exhaust Ball Valve.....186
Gas Valves.....187
Mini Ball Valves.....188-191
3-Way Valves.....192
Strainer Ball Valve-**NEW** 193
Vacuum Breaker/Hose Bibb.....193

Gate Valves.....194
Y Strainer 195
Swing Check Valves 196
Check Valves-In-Line 197-198
In-Line Check-**NEW**.....197

STAINLESS STEEL VALVES
199-209

2000# Full Port.....199
Standard Port.....200
1,000 PSI Full Port.....201
SS Mini Ball Valve 202
1,000 PSI Mini Ball Valve-**NEW**.....203
Check Valves.....204-208
Y-strainer, Globe,Gate 208

Carbon Steel valves 209-212

2,000# Standard Port 209
2,000 # FP 2-Piece-**NEW**.....210
Hi Pressure 2-Way Valves 211
Hi Pressure 3-Way Balves 211
Check valves-5,000#.....212

PVC Valves.....213-214

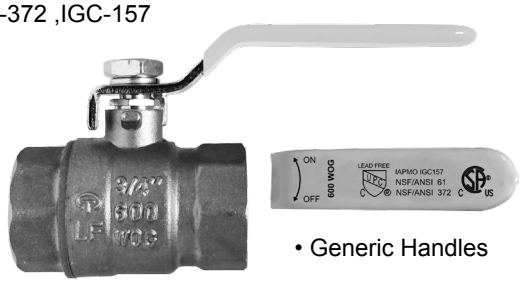
LEAD FREE BALL VALVE

5 PSIG

• BRASS • 600PSI • STAINLESS STEEL BALL • FULL PORT

IAMPO IGC 157 - 2004b

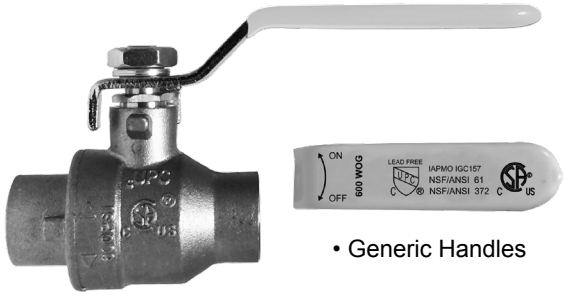
Lead Free Brass Ball Valve NPT,Female*Female
Lead Free and dezincification resistant (DZR) material
IAPMO listed to NSF/ANSI-61, NSF/ANSI-372 ,IGC-157
CSA listed to NSF/ANSI-61, NSF/ANSI-372 ,IGC-157
Vacuum Services 29.92 inches Hg
600 psi (WOG) 150 psi (WSP) Service
Thread conform ANSI B1.20.1
Temperature Range : -40° F to 365° F
Construction:Forging Brass Body
PTFE Ball Seats
Blow Out Proof Brass Stem
Stainless Steel Ball
Steel Handle w/Vinyl Grip
Made in China



• Generic Handles

FIP X FIP LEAD FREE BALL VALVE

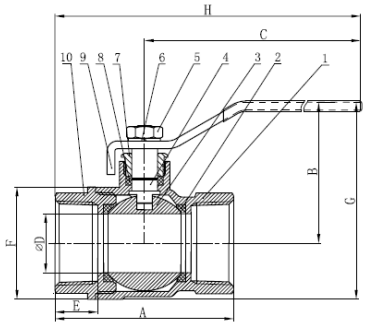
Part #	Size	OD	A	B	C	E	F	G	H	Weight	Box/Case	List Price
941151LF	1/4"	0.394	1.73	1.69	3.35	0.453	0.945	2.154	4.331	0.32	10/120	9.75
941152LF	3/8"	0.394	1.73	1.69	3.35	0.473	0.945	2.154	4.331	0.32	10/120	9.75
941153LF	1/2"	0.524	1.89	1.73	3.35	0.472	1.083	2.276	4.291	0.36	10/100	10.99
941154LF	3/4"	0.748	2.28	1.89	3.35	0.563	1.378	2.579	4.488	0.57	10/80	16.05
941155LF	1"	0.984	2.80	2.14	4.29	0.650	1.772	3.031	5.689	0.65	8/48	24.84
941156LF	1-1/4"	1.240	3.15	2.32	4.29	0.669	2.165	3.398	5.866	1.75	4/36	37.88
941157LF	1-1/2"	1.476	3.44	2.66	5.63	0.701	2.50	3.909	7.343	2.10	2/24	57.10
941158LF	2"	1.949	4.06	3.01	5.63	0.708	3.244	4.638	7.638	3.35	2/12	87.81



• Generic Handles

SWT X SWT LEAD FREE BALL VALVE

Part #	Size	OD	A	B	C	E	G	H	Weight	WTG	Box/Case	List Price
941163LF	1/2"	0.524	1.945	1.73	3.35	0.504	1.083	2.276	4.319	0.38	10/100	10.49
941164LF	3/4"	0.748	2.654	1.89	3.35	0.748	1.378	2.579	4.665	0.65	10/80	14.20
941165LF	1"	0.984	3.315	2.14	4.29	0.909	1.772	3.031	5.949	1.18	8/48	25.02
941166LF	1-1/4"	1.240	3.741	2.32	4.29	0.968	2.165	3.398	6.165	1.35	4/36	38.46
941167LF	1-1/2"	1.476	4.252	2.66	5.63	1.091	2.50	3.909	7.756	2.18	2/24	57.88
941168LF	2"	1.949	5.276	3.01	5.63	1.343	3.244	4.638	8.268	3.62	2/12	68.36



No	Item	Qty	Material
1	Body	1	Lead Free Brass
2	Seat	2	PTFE
3	Ball	1	Stainless Steel
4	Stem	1	Brass
5	Handle Nut	1	Plated Steel
6	Lock Washer	1	Plated Steel
7	Packing Nut	1	Brass
8	Packing	1	PTFE
9	Handle	1	Plated Steel
10	Cap	1	Lead Free Brass

LEAD FREE BALL VALVE

VALVES

1/2" - 2" Sizes Gas Approved

C US UL842, UL258, UL125,FM

LEAD FREE BALL VALVE W/APPROVALS

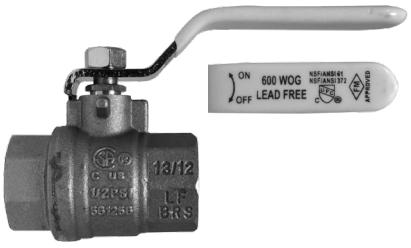
• BRASS • 600PSI • FULL PORT

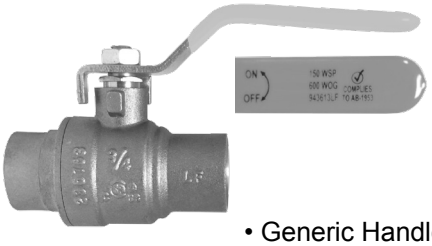
CSA, UL, FM(1/4"-2"), cUPC, NSF/ ANSI 61 & 372

FEATURES

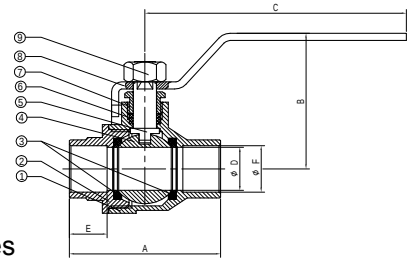
- Leadfree Brass Ball valve NPT, Female * Female
- Lead free and dezincification resistant (DZR) material
- 1/4"-1" Lead Free Brass Ball
- Size 1-1/4" thru 4" with Stainless steel ball
- IAMPO listed to cUPC, NSF/ ANSI 61 & 372, IGC 157
- CSA - 1/4" thru 2": ANSI Z21.15/ CSA 9.1 for 1/2 psig valves ASME B16.44, CGA CR91-002 for 2 & 5 psig valves; CAN/ CGA-3.16, ASME B16.33 (1/2"-2") for 125 psig valves
- UL 125, UL 1477, UL 842 - for size 1/4" thru 4", 250 psig
- UL 258 - for size 1/4" thru 2", 175 psig
- FM - for size 1/4" thru 2"
- ISO 9002 Manufacture
- Suitable for full range of liquids and gases
- Minimal pressure drop due to large full size ports
- Bottom loaded, pressure retaining stem
- Pressure rated for 1/4"-2" at 600psi (42 bars) and 2-1/2"-4" at 400 psi WOG (non-shock) and 150 WSP (10.34 bars) saturated steam. Virgin PTFE stem packing seal, thrust washer and seats
- White vinyl insulator on heavy duty plated carbon steel handles
- Fast 1/4 turn open or close operation
- Low operating torque
- **Adjustable stem packing gland**
- Maximum operating temperature: 302^{0}F (150^0 C)
- Minimum operating temperature: -22^{0}F (-30^{0}C)
- Each valve individually tested
- Forged Brass - for more strength
- Threaded ends to ANSI B1.20.1
- Hard chromium plated solid ball
- Bottom entry, blow-out proof stem
- Deeper threads - for better connections
- Made in China

POS	Components	Materials
1	Body	Lead Free Brass
2	End Cap	Lead Free Brass
3	Ball Seat	PTFE
4	Ball	1/4-1:Lead Free Brass 1 1/4-4:SS316 Hollowball
5	Stem	Brass
6	Stem Padding	PTFE
7	Padding Nut	Brass
8	Lever Handle	Nickel plating steel
9	Stem Nut	Brass plating steel
10	Seal	PTFE





• Generic Handles



Part#	Size	DIMENSIONS A	B	C	D	E	F	G	H	Weight	Box/Case	List Price
940-171LF	1/4"	1.756	1.732	3.543	0.394	0.457	1.012	2.238	4.421	0.34	70/140	12.24
940-172LF	3/8"	1.756	1.732	3.543	0.394	0.457	1.012	2.238	4.421	0.34	70/140	11.28
940-173LF	1/2"	2.047	2.040	3.543	0.583	0.520	1.240	2.559	4.567	0.45	50/100	15.78
940-174LF	3/4"	2.362	2.260	3.780	0.748	0.563	1.492	2.854	4.961	0.69	30/60	23.94
940-175LF	1"	2.756	2.579	4.528	0.945	0.630	1.791	3.476	5.906	1.11	20/40	38.40
940-176LF	1-1/4"	3.307	3.050	4.528	1.260	0.709	2.343	4.134	6.181	1.85	12/24	64.86
940-177LF	1-1/2"	3.661	3.366	5.420	1.575	0.717	2.835	4.783	7.343	2.60	9/18	96.96
940-178LF	2"	4.181	3.701	6.160	1.969	0.748	3.425	5.413	7.602	3.62	6/12	135.42
940-179LF	2-1/2"	4.181	4.650	8.870	2.520	1.024	4.331	6.969	11.350	7.93	3/6	313.80
940-180LF	3"	6.039	4.970	8.870	2.913	1.102	4.921	7.579	11.681	10.40	1/4	379.68
940-181LF	4"	7.386	6.130	10.85	3.898	1.220	6.430	9.055	13.299	20.99	1/2	831.60

SWT X SWT LEAD FREE BALL VALVE

FM, cUPC, NSF/ ANSI 61 & 372

Part #	SWT	A	B	C	D	E	F	Weight	Box/Case	List Price
943-612LF	1/2"	2.047	1.839	3.543	0.583	0.512	0.630	0.45	50/100	12.81
943-613LF	3/4"	2.748	2.14	3.780	0.748	0.748	0.878	0.68	30/60	22.14
943-614LF	1"	3.228	2.449	4.528	0.945	0.906	1.130	1.08	20/40	35.31
943-615LF	1-1/4"	3.819	3.04	4.36	1.260	0.972	1.378	1.80	12/24	56.05
943-616LF	1-1/2"	4.425	3.169	5.39	1.575	1.088	1.630	2.51	9/18	81.75
943-617LF	2"	5.377	3.488	6.307	1.989	1.346	2.130	3.57	6/12	114.71

ITALIAN LEAD FREE BRASS BALL VALVE

LEAD FREE

5 PSIG C US

UL842, UL258, UL125,FM

CSA AGA 3.88 5 PSIG

IAMPO IGC 157 - 2004b

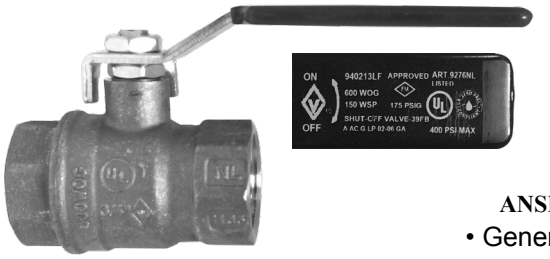
ISO 9002 Manufacturer

FEATURES

600 PSI non-shock cold water, gas, oil - 150 PSI saturated steam

- **SOLID CHROME PLATED BRASS BALL**
- Suitable for full range of liquids and gases
- Minimal pressure drop due to large full size ports
- Bottom loaded, pressure retaining stem
- Pressure rated at 600psi (42 bars) WOG (non-shock) and 150 WSP (10.34 bars) saturated steam. Virgin TFE stem packing seal, thrust washer and seats.
- Blue vinyl insulator on heavy duty plated carbon steel handles.
- Fast 1/4 turn open or close operation
- Low operating torque
- Flow can go both directions
- Adjustable stem packing gland
- Maximum operating temerature: 248^{0}F (120^0 C) at 600 PSI
- Minimum operating temperature: -20^{0}F (-40^{0}C)
- Each valve individually tested
- Forged Brass - for more strength
- Threaded ends to ANSI B1.20.1
- Hard chromium plated solid ball
- Bottom entry, blow-out proof stem
- Deeper threads - for better connections

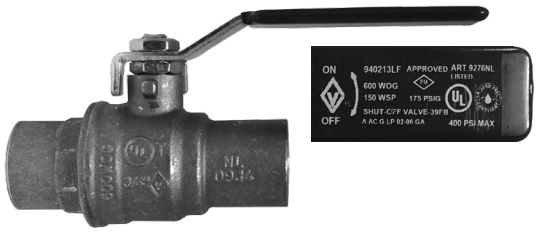
MADE IN ITALY



FIP X FIP

ANSI/INSF 61-8

- Generic Handles



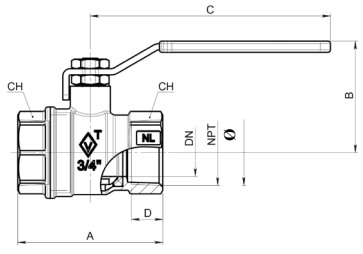
SWT X SWT

FIP X FIP LEAD FREE FORGED BRASS BALL VALVE

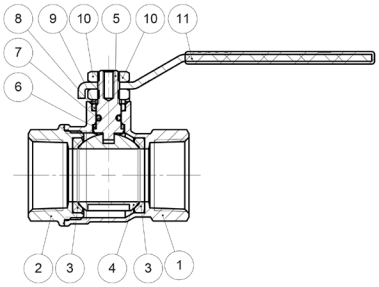
Part #	NPT	DN	A	B	C	D	CH	Weight (lbs)	Box/Case	List Price
943-233LF	1/2"	0.57	2.09	1.57	3.35	0.46	0.98	0.39	20/80	17.05
943-234LF	3/4"	0.75	2.28	1.77	3.80	0.49	1.22	0.56	14/56	25.50
943-235LF	1"	0.94	2.80	2.03	3.80	0.59	1.50	0.89	6/24	42.45
943-236LF	1-1/4"	1.24	3.23	2.32	4.72	0.62	1.85	1.44	4/16	67.89
943-237LF	1-1/2"	1.49	3.70	2.60	4.72	0.64	2.13	2.19	2/8	105.16
943-238LF	2"	1.96	4.13	3.27	6.38	0.65	2.64	3.62	1/4	141.12

SWT X SWT LEAD FREE FORGED BRASS BALL VALVE

Part #	SWT	Ø	DN	A	B	C	D	CH	Weight (lbs)	Box/Case	List Price
940-212LF	1/2"	0.63	0.57	2.25	1.57	3.35	0.42	0.79	0.35	20/80	16.45
940-213LF	3/4"	0.866	0.75	3.05	1.77	3.80	0.61	1.06	0.55	10/40	24.50
940-214LF	1"	1.102	0.94	3.68	2.03	3.80	0.73	1.34	0.87	6/24	37.45
940-215LF	1-1/4"	1.377	1.24	4.18	2.32	4.72	0.91	1.61	1.41	6/24	61.74
940-216LF	1-1/2"	1.61	1.49	4.96	2.60	4.72	1.06	1.89	2.08	2/8	87.15
940-217LF	2"	2.125	1.96	5.87	3.27	6.38	1.26	2.40	3.62	1/4	141.12



POS	Components	Materials
1	Body	CW510L
2	End Connection	CW510L
3	Ball Seal	PTFE
4	Seal	CW510L
5	Stem	CW614N
6	Lower Stem	PTFE
7	O-Ring	NBR70sh
8	Upper Seal	PTFE
9	Brass Ring	CW614N
10	Nut	Steel
11	Handle	Steel P10



LEAD FREE GATE/ CHECK/ Y VALVES

BRASS GATE VALVE IPS

- **200 WOG (Cold water, oil, gas)**
- **125 WSP (Saturated Steam)**

- Brass Forged body/bonList- stronger than sand castings.
- Superior quality and finish.
- Each valve individually tested.
- Threaded ends to ANSI B1.20.1, Solder ends to ANSI B16.18
- Non rising stem.
- Cast iron handle.

BRASS GATE VALVE IPS

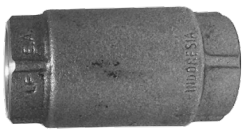
Part#	Size	List Price
940-130LF	1/4	13.75
940-131LF	3/8	13.76
940-132LF	1/2	18.53
940-133LF	3/4	22.13
940-134LF	1	28.50
940-135LF	1-1/4	53.91
940-136LF	1-1/2	78.35
940-137LF	2	83.53

BRASS GATE VALVE C X C

Part#	Size	List Price
940-142LF	1/2"	14.67
940-143LF	3/4"	20.01
940-144LF	1"	28.50
940-145LF	1-1/4"	46.85
940-146LF	1-1/2"	59.20
940-147LF	2"	84.01

BRASS CHECK VALVE

NO	Part	Material
1	Cap	C37700
2	Gasket	NBR
3	Spring	Stainless Steel
4	Positioning Seat	BRASS
5	Screw	BRASS
6	Body	C37700



LEAD-FREE

Part #	Size	List Price
944-430LF	1/2	23.10
944-431LF	3/4	31.15
944-432LF	1	43.35
944-433LF	1-1/4	58.70
944-434LF	1-1/2	80.00
944-435LF	2	134.45

CAST BRASS SWING CHECK VALVE IPS SCREWED ENDS

- Working pressure non-shock: 200 psi W.O.G. (cold water, oil, gas) 125 psi WSP (saturated steam)
- Swing type disc.
- Screwed Cap.
- Hard Seat.
- 90^0 Straight Pattern.
- Used to prevent reverse flow in commercial and industrial applications.
- Threaded ends to ANSI B1.20.1
- Integral seat.

Part #	Size	List Price
940-352LF	1/2"	17.79
940-353LF	3/4"	18.79
940-354LF	1"	29.88
940-355LF	1-1/4"	50.35
940-356LF	1-1/2"	64.16
940-357LF	2"	95.65

C X C SWING CHECK VALVE

Part #	Size	List Price
940-362LF	1/2	13.25
940-363LF	3/4	22.68
940-364LF	1	32.10
940-365LF	1-1/4	48.78
940-366LF	1-1/2	56.02
940-367LF	2	107.22

CLASS 150 BRASS Y-PATTERN STRAINER

LEAD-FREE

Part#	Size	List Price
940-523LF	1/2"	38.36

FORGED BRASS BALL VALVE

• BRASS • 600WOG • FULL PORT

1/2" - 2" Sizes Gas Approved

C US

UL842, UL258, UL125,FM

ISO 9002 Manufacturer

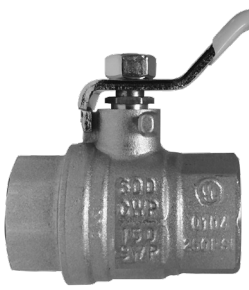
1/4-2" 600 PSI non-shock cold water, gas, oil - 150 PSI saturated steam

2-1/2"- 4" 400 PSI non-shock cold water, gas, oil

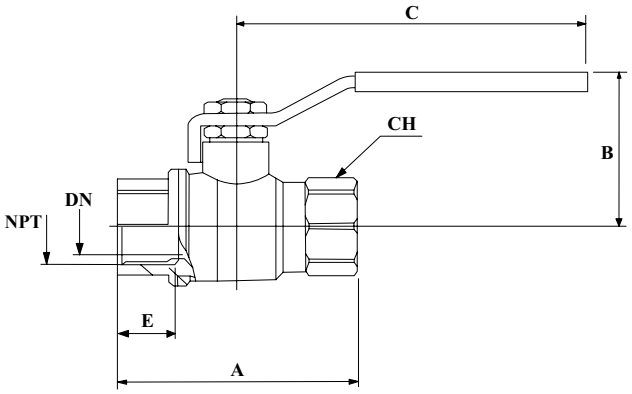
Made in China

FEATURES

- Suitable for full range of liquids and gases
- Minimal pressure drop due to large full size ports
- Bottom loaded, pressure retaining stem
- Pressure rated for 1/4"-2" at 600psi (42 bars) and 2-1/2"-4" at 400 psi WOG (non-shock) and 150 WSP (10.34 bars) saturated steam. Virgin PTFE stem packing seal, thrust washer and seats
- Yellow vinyl insulator on heavy duty plated carbon steel handles
- Fast 1/4 turn open or close operation
- Not Lead Free
- Good for gasoline
- Low operating torque
- Adjustable stem packing gland
- Maximum operating temperature: 302^{0}F (150^0 C)
- Minimum operating temperature: -22^{0}F (-30^{0}C)
- Each valve individually tested
- Forged Brass - for more strength
- Threaded ends to ANSI B1.20.1
- Hard chromium plated solid ball
- Bottom entry, blow-out proof stem
- Deeper threads - for better connections

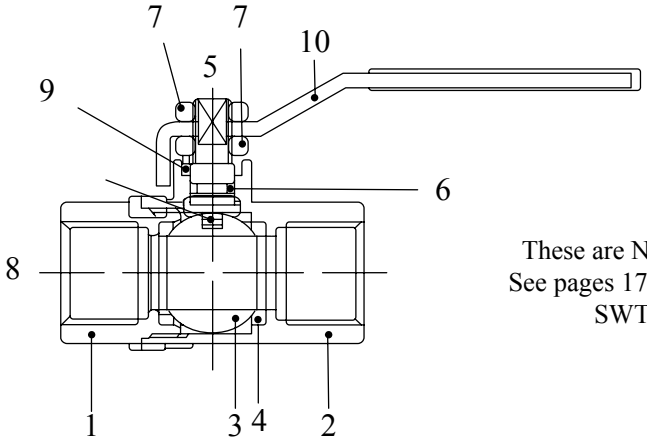


• Generic Handles



Part#	Size	Dimension Inches								
	NPT	DN	A	B	C	E	CH	Weight	Box/Case	List Price
940-171	1/4"	0.39	1.75	1.27	3.54	0.46	0.78	0.34	70/140	9.08
940-172	3/8"	0.41	1.75	1.27	3.54	0.46	0.78	0.30	70/140	9.08
940-173	1/2"	0.58	2.05	1.92	3.54	0.52	0.98	0.44	50/100	10.89
940-174	3/4"	0.75	2.36	2.08	3.78	0.56	1.20	0.67	30/60	15.95
940-175	1"	0.94	2.75	2.56	4.52	0.66	1.50	1.05	20/40	24.82
940-176	1-1/4"	1.26	3.30	2.95	4.52	0.70	1.82	1.50	12/24	36.53
940-177	1-1/2"	1.57	3.66	3.34	5.51	0.72	2.09	2.30	9/18	54.16
940-178	2"	1.97	4.18	3.68	5.51	0.74	2.62	3.38	6/12	84.72
940-179*	2-1/2"	2.52	5.38	4.76	8.66	1.01	3.36	7.61	4/8	213.21
940-180*	3"	2.95	6.04	5.08	8.66	1.11	3.86	11.10	2/4	249.34
940-181*	4"	3.89	7.38	5.86	9.00	1.22	4.89	12.12	1/2	471.55

* 400 PSI



POS	Components	Materials	N
1	Body	Forged Brass	1
2	End Connection	Forged Brass	1
3	Ball	CP Brass	1
4	Ball Seat	P.T.F.E.	2
5	Stem	Brass	1
6	Gland	Brass	1
7	Nut	Steel	1
8	Spring Inseat	Steel	1
9	Stem Seal	P.T.F.E.	1
10	Handle	Steel	1

These are NOT Lead Free
See pages 178 for Lead Free SWT Valves

Some product stocked in Houston and Atlanta.

• Not Lead Free AB1953 Compliant

LOCKING HANDLE BALL VALVE

• BRASS • 600WOG • FULL PORT

1/2" - 2" Sizes Gas Approved

5 PSIG

C US

UL842, UL258, UL125,FM

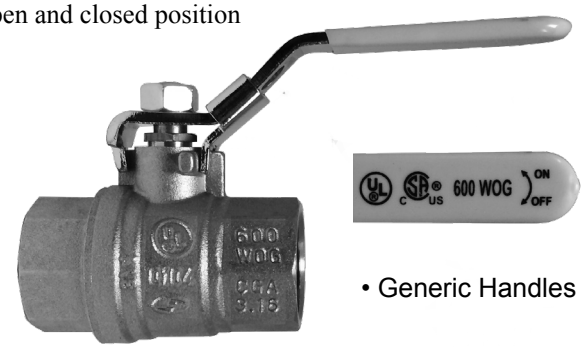
ISO 9002 Manufacturer

FEATURES

1/4-2" 600 PSI non-shock cold water, gas, oil - 150 PSI saturated steam

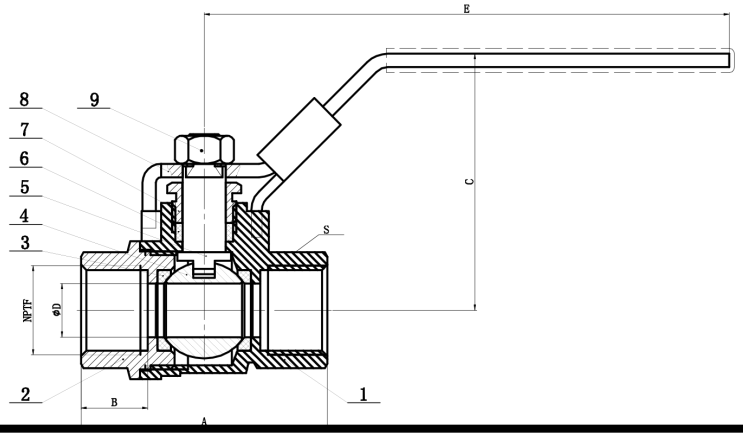
Made in China

- Suitable for full range of liquids and gases
- Minimal pressure drop due to large full size ports
- Bottom loaded, pressure retaining stem
- Pressure rated for 1/4"-2" at 600psi (42 bars) and 2-1/2"-4" at 400 psi WOG (non-shock) and 150 WSP (10.34 bars) saturated steam. Virgin PTFE stem packing seal, thrust washer and seats
- Yellow vinyl insulator on heavy duty plated carbon steel handles
- Fast 1/4 turn open or close operation
- Not Lead Free
- Locking mechanism works in open and closed position
- Low operating torque
- Adjustable stem packing gland
- Maximum operating temperature: 302^{0}F (150^0 C)
- Minimum operating temperature: -22^{0}F (-30^{0}C)
- Each valve individually tested
- Forged Brass - for more strength
- Threaded ends to ANSI B1.20.1
- Hard chromium plated solid ball
- Bottom entry, blow-out proof stem
- Deeper threads - for better connections



• Generic Handles

Part#	Size	Dimension Inches								
	NPT	DN	A	B	C	E	CH	Weight	Box/Case	List Price
940-171L	1/4"	0.31	1.73	1.84	3.15	0.49	0.71	0.39	70/140	10.50
940-172L	3/8"	0.39	1.81	1.88	3.86	0.49	0.79	0.35	70/140	10.50
940-173L	1/2"	0.58	2.23	2.09	3.86	0.61	0.98	0.49	50/100	12.24
940-174L	3/4"	0.75	2.48	2.24	4.06	0.62	1.20	0.78	30/60	18.60
940-175L	1"	0.94	2.95	2.67	4.73	0.73	1.50	1.18	20/40	27.80
940-176L	1-1/4"	1.26	3.42	3.05	4.73	0.77	1.81	1.76	12/24	42.30
940-177L	1-1/2"	1.57	3.78	3.51	5.71	0.78	2.09	2.53	9/18	64.92
940-178L	2"	1.97	4.18	3.84	5.71	0.75	2.60	3.53	6/12	93.00



POS	Components	Materials	N
1	Body	Forged Brass	1
2	End Connection	Forged Brass	1
3	Ball	CP Brass	1
4	Ball Seat	P.T.F.E.	2
5	Stem	Brass	1
6	Gland	Brass	1
7	Nut	Steel	1
8	Spring Inseat	Steel	1
9	Stem Seal	P.T.F.E.	1
10	Handle	Steel	1

• Not Lead FreeAB1953 Compliant

BUTTERFLY HANDLE BALL VALVE

• BRASS • 600WOG • FULL PORT

1/2" - 3/4" Sizes Gas Approved

5 PSIG

UL842, UL258, UL125,FM

ISO 9002 Manufacturer

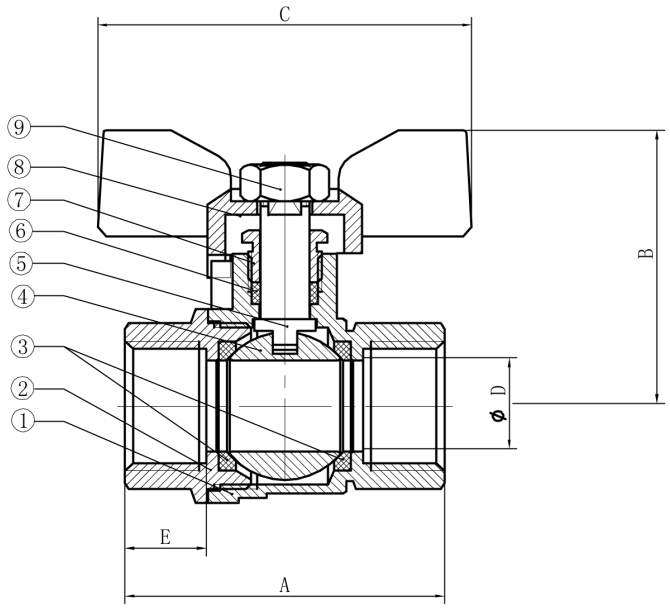
1/4-3/4" 600 PSI non-shock cold water, gas, oil - 150 PSI saturated steam

Made in China

FEATURES

- Suitable for full range of liquids and gases
- Minimal pressure drop due to large full size ports
- Bottom loaded, pressure retaining stem
- Pressure rated for 1/4"-3/4" at 600psi (42 bars) and 150 WSP (10.34 bars) saturated steam. Virgin PTFE stem packing seal, thrust washer and seats
- Fast 1/4 turn open or close operation
- Low operating torque
- Adjustable stem packing gland
- Maximum operating temperature: 302^{0}F (150^0 C)
- Minimum operating temperature: -22^{0}F (-30^{0}C)
- Each valve individually tested
- Forged Brass - for more strength
- Threaded ends to ANSI B1.20.1
- Hard chromium plated solid ball
- Bottom entry, blow-out proof stem
- Deeper threads - for better connections
- Not Lead Free

Part#	Size NPT	A	B	C	D	E	Weight	Box/Case	List Price
940-171T	1/4"	1.677	1.488	1.831	0.315	0.457	0.342	70/140	10.50
940-172T	3/8"	1.756	1.488	1.831	0.394	0.457	0.31	70/140	10.50
940-173T	1/2"	2.047	1.756	2.394	0.583	0.520	0.44	50/100	12.24
940-174T	3/4"	2.362	1.921	2.394	0.748	0.563	0.68	30/60	18.60



POS	Components	Materials
1	Body	C37700
2	End Cap	C37700
3	Ball Seat	PTFE
4	Ball	C37700
5	Stem	C37700
6	Stem Packing	PTFE
7	Packing Nut	C37700
8	Lever Handle	ZL102
9	Stem Nut	A570

Steel Tee handle option available with extended delivery (1/4" - 4")

• Not Lead Free AB1953 Compliant

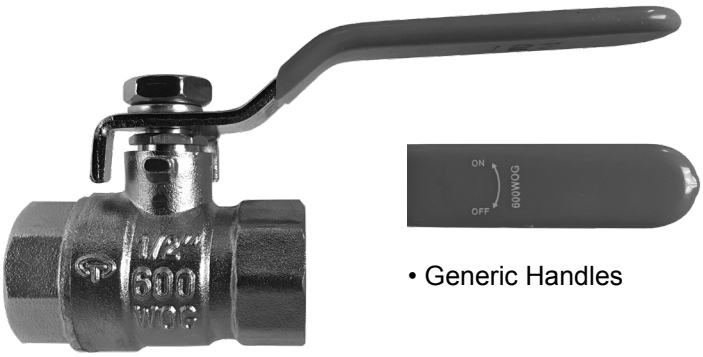
NICKEL PLATED BALL VALVE

• BRASS • 600WOG • FULL PORT • NO APPROVALS

Vacuum service to 29 inches Hg
600 psi (WOG) 150 psi (WSP) Service
Thread conform ANSI B1.20.1
Temperature Range : -40° F to 365° F
Construction:Forging Brass Body, Nickel plated
PTFE Ball Seats
Blow Out Proof Brass Stem
Steel Handle w/Vinyl Grip
Made in China

• Not Lead Free

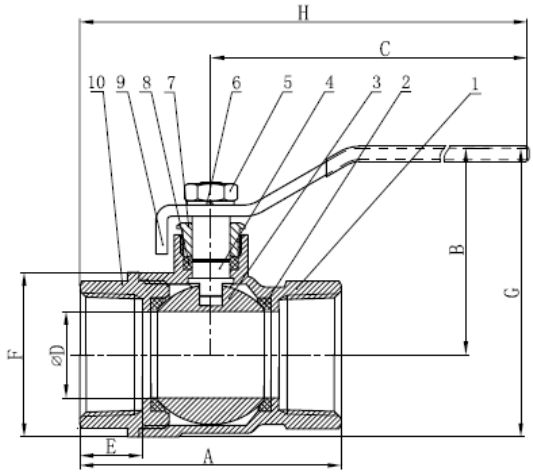
NEW



• Generic Handles

FIP X FIP NICKEL PLATED BALL VALVE

Part #	Size	OD	A	B	C	E	F	G	H	Weight	Box/Case	List Price
941151NP	1/4"	0.394	1.73	1.69	3.35	0.453	0.945	2.154	4.331	0.32	10/120	8.96
941152NP	3/8"	0.394	1.73	1.69	3.35	0.473	0.945	2.154	4.331	0.32	10/120	8.96
941153NP	1/2"	0.524	1.89	1.73	3.35	0.472	1.083	2.276	4.291	0.36	10/100	10.88
941154NP	3/4"	0.748	2.28	1.89	3.35	0.563	1.378	2.579	4.488	0.57	10/80	17.36
941155NP	1"	0.984	2.80	2.14	4.29	0.650	1.772	3.031	5.689	0.65	8/48	28.56
941156NP	1-1/4"	1.240	3.15	2.32	4.29	0.669	2.165	3.398	5.866	1.75	4/36	43.68
941157NP	1-1/2"	1.476	3.44	2.66	5.63	0.701	2.50	3.909	7.343	2.10	2/24	64.96
941158NP	2"	1.949	4.06	3.01	5.63	0.708	3.244	4.638	7.638	3.35	2/12	90.48



No	Item	Qty	Material
1	Body	1	NP Brass
2	Seat	2	PTFE
3	Ball	1	Brass CP
4	Stem	1	Brass/ NP
5	Handle Nut	1	Plated Steel
6	Lock Washer	1	Plated Steel
7	Packing Nut	1	Brass/ NP
8	Packing	1	PTFE
9	Handle	1	Plated Steel
10	Cap	1	Brass/ NP

Gas Approved

UL842, UL258, UL125,FM

CSA AGA 3.88 5 PSIG

N/P BALL VALVE W/SS TRIM

• NICKEL PLATED • SS BALL, HANDLE, NUT & STEM

• LOCKING HANDLE • W/APPROVALS

Features

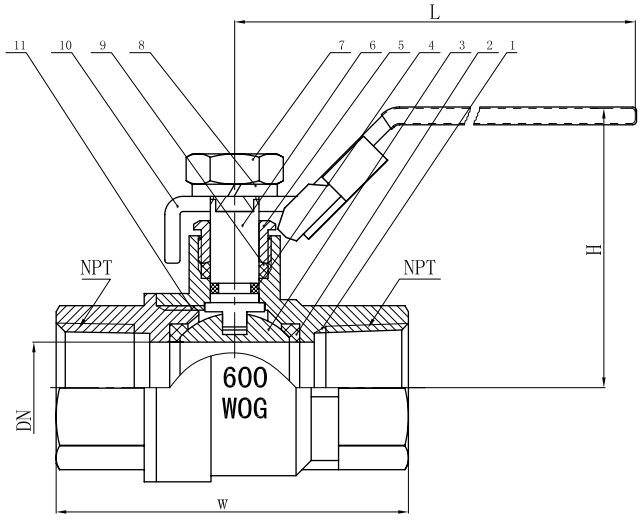
- **Vacuum service to 29 inches Hg**
- Thread Conform ANSI B1.20.1
- Forged Brass Body
- Blow Out Proof Stem Design
- Packing Nut, O-RING & Packing On The Stem Seal
- Stainless Steel Ball, Handle, Nut&Stem
- Handle With Vinyl Grip

Performance rating

- 600 PSI (WOG) 150 PSI (WSP) Service
- Temperature range: -20° F to 300° F
- Made in China
- Not lead free
- No more rusty handles

• Generic Handles

Part#	Size	D	L	H	W	Cv	Wt.(lbs.)	Box/Case	List Price
941-121NP	1/4	0.394	4.48	2.11	1.73	8.23	0.326	10/120	13.12
941-122NP	3/8	0.394	4.48	2.11	1.73	8.23	0.320	10/120	13.12
941-123NP	1/2	0.591	4.48	2.60	2.24	18.55	0.474	10/100	17.20
941-124NP	3/4	0.748	4.48	2.84	2.52	29.76	0.785	10/80	26.56
941-125NP	1	0.984	4.48	3.01	2.97	51.55	1.155	8/48	39.28
941-126NP	1-1/4	1.259	5.59	3.35	3.44	84.42	1.797	4/36	64.08
941-127NP	1 1/2	1.574	5.59	3.61	3.88	131.93	2.447	2/24	83.92
941-128NP	2	1.941	5.59	3.91	4.29	200.35	3.477	2/12	116.80



Part Name	Material
Body	Brass/ Nickel Plated
Seat	PTFE
Ball	Stainless Steel
O-ring	Viton
Packing Nut	Brass/ Nickel Plated
Stem	Stainless Steel
Handle Nut	Stainless Steel
Lock Washer	Stainless Steel
Packing	PTFE
Handle	Stainless Steel
Cap	Brass/ Nickel Plated

NO MORE RUSTY HANDLES!

ITALIAN BALL VALVE

• BRASS • 600WOG • FULL PORT

5 PSIG C US

UL842, UL258, UL125,FM

CSA AGA 3.88 5 PSIG

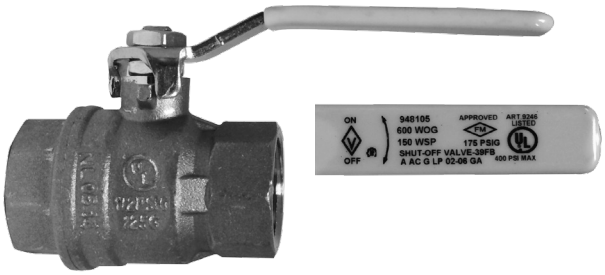
IAMPO IGC 157 - 2004b

ISO 9002 Manufacturer

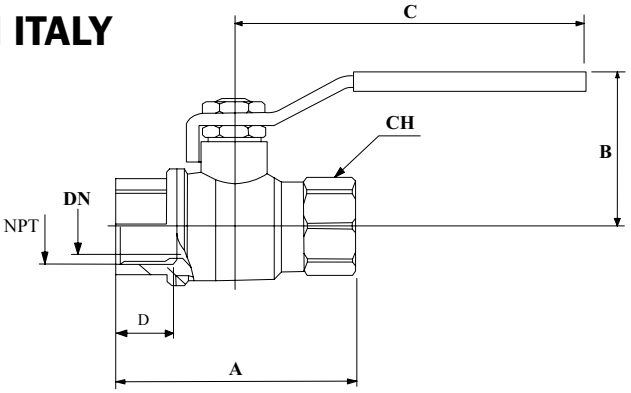
FEATURES

- **SOLID CHROME PLATED BRASS BALL**
- Suitable for full range of liquids and gases
- Minimal pressure drop due to large full size ports
- Bottom loaded, pressure retaining stem
- Pressure rated at 600psi (42 bars) WOG (non-shock) and 150 WSP (10.34 bars) saturated steam. Virgin TFE stem packing seal, thrust washer and seats.
- Yellow vinyl insulator on heavy duty plated carbon steel handles.
- Fast 1/4 turn open or close operation
- Low operating torque
- Flow can go both directions
- Generic Handles
- **Adjustable stem packing gland**
- Maximum operating temerature: 248^{0}F (120^0 C) at 600 PSI
- Minimum operating temperature: -20^{0}F (-40^{0}C)
- Each valve individually tested
- Forged Brass - for more strength
- Threaded ends to ANSI B1.20.1
- Hard chromium plated solid ball
- Bottom entry, blow-out proof stem
- Deeper threads - for better connections
- **REVERSIBLE HANDLES**

MADE IN ITALY



Female x Female



Part#	Size	Dimension Inches								
	NPT	DN	A	B	C	D	CH	Weight	Box/Case	List Price
943-200	1/4"	.39	1.96	1.53	3.34	.43	.75	0.36	24/96	16.37
943-201	3/8"	.39	1.96	1.53	3.31	.43	.86	0.40	20/80	16.70
943-202	1/2"	.57	2.09	1.57	3.35	.46	.98	0.44	20/80	13.99
943-203	3/4"	.75	2.28	1.77	3.80	.49	1.22	0.61	14/56	22.22
943-204	1"	.94	2.80	2.03	3.80	.59	1.50	1.14	6/24	35.22
943-205	1-1/4"	1.24	3.23	2.32	4.72	.62	1.85	1.64	4/16	55.12
943-206	1-1/2"	1.49	3.70	2.60	4.72	.64	2.13	2.60	2/8	82.18
943-207	2"	1.96	4.13	3.27	6.38	.65	2.64	3.89	2/8	120.28
942-208	2-1/2"	2.48	5.94	4.30	7.54	1.06	3.31	7.87	5	341.12
942-209	3"	2.99	6.85	5.63	8.86	1.14	3.89		3	642.48
942-210	4"	3.54	7.67	6.04	8.86	1.22	4.80		1	1123.08

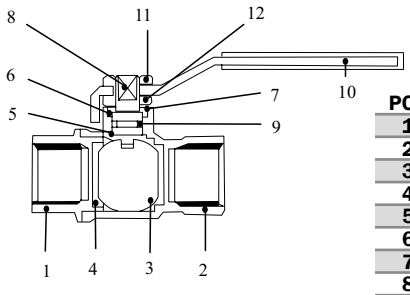
HANDLE OPTIONS

TEE HANDLES

Part #	Valve Size	List Price
43-200T	1/4" - 3/4"	3.10
43-204T	1"	4.07

LOCKING HANDLES

Part #	Valve Size	List Price
43-200L	1/4" - 3/4"	16.05
43-204L	1"	28.75
43-206L	1-1/4" - 1-1/2"	38.55
43-207L	2"	48.31



POS	Components	Materials	N
1	Body	Forged Brass	1
2	End Connection	Forged Brass	1
3	Ball	CP Brass	1
4	Ball Stems	P.T.F.E.	2
5	Stem Antif. Seat	P.T.F.E.	1
6	Stem Seat	P.T.F.E.	1
7	Brass Ring	Brass	1
8	Stem	Brass	1
9	O-Ring	NBR 80	1
10	Handle	Steel	1
11	Nut	Steel	1
12	Nut	Brass	1

• Not Lead Free AB1953 Compliant

MALE X FEMALE BRASS BALL VALVE

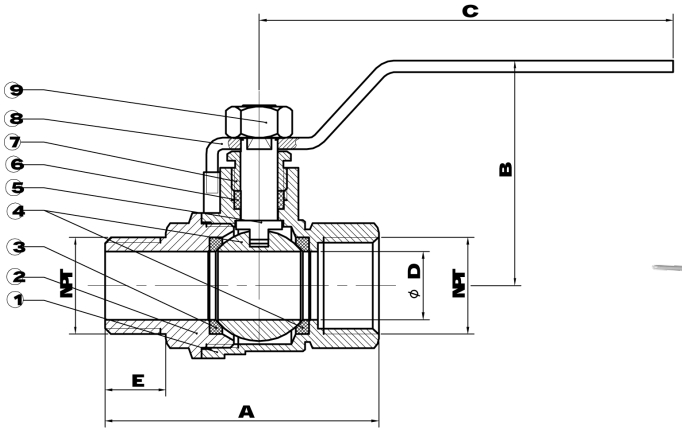
• 600WOG • FULL PORT

UL842, UL258

- Solid chrome plated brass ball
- Suitable for full range of liquids and gases.
- Minimal pressure drop due to large full size ports.
- Bottom loaded, pressure retaining stem.
- Pressure rated at 600psi (42 bars) WOG (non-shock) and 150psi (10.34 bars) saturated steam. Virgin TFE stem packing seal, thrust washer and seats.
- Yellow vinyl insulator on heavy duty plated carbon steel handles.
- Fast 1/4 turn open or close operation.
- Flow both directions.
- Low operating torque.
- Adjustable stem packing gland.
- Generic Handles
- Maximum operating temperature: 248^{0}F (120^{0}C)
- Minimum operating temperature: -20^{0}F (-40^{0}C)
- Each valve individually tested.
- Forged Brass - for more strength.
- Threaded ends to ANSI B1.20.1
- Hard chromium plated solid ball
- Bottom entry, blow-out proof stem.
- Made in China

• Not Lead Free

Part#	Size	NPT	A	B	C	D	E	Weight	Box/Case	List Price
948-170	1/4	1/4 - 18	2.016	1.689	2.756	0.315	0.457	0.29	70/140	9.75
948-171	3/8	3/8 - 18	2.094	1.732	3.543	0.394	0.457	0.33	70/140	10.01
948-172	1/2	1/2 - 14	2.343	1.941	3.543	0.583	0.520	0.47	50/100	12.17
948-173	3/4	3/4 - 14	2.618	2.106	3.780	0.748	0.563	0.68	30/60	18.13
948-174	1	1 - 11.5	3.000	2.579	4.528	0.945	0.630	1.47	20/40	26.81
948-175	1-1/4	1-1/4 - 11.5	3.563	2.953	4.528	1.260	0.709	1.61	12/24	39.24
948-176	1-1/2	1-1/2 - 11.5	3.965	3.346	5.512	1.575	0.717	2.50	9/18	58.37
948-177	2	2 - 11.5	4.496	3.681	5.512	1.969	0.748	3.48	6/12	84.55



POS	Components	Materials
1	Body	C37700
2	End Cap	CS7700
3	Ball Seat	PTFE
4	Ball	CS7700
5	Stem	CS7700
6	Stem Reducing	PTFE
7	Reducing Nut	CS7700
8	Lever Handle	1008
9	Stem Nut	A570 Gr.A

Locking Handle option
see pg. 184

Tee handle option
see pg. 183

ITALIAN MALE X FEMALE BALL VALVE

• BRASS • 600WOG • FULL PORT

Gas Approved

5 PSIG C US

UL842, UL258, UL125,FM

CSA AGA 3.88 5 PSIG

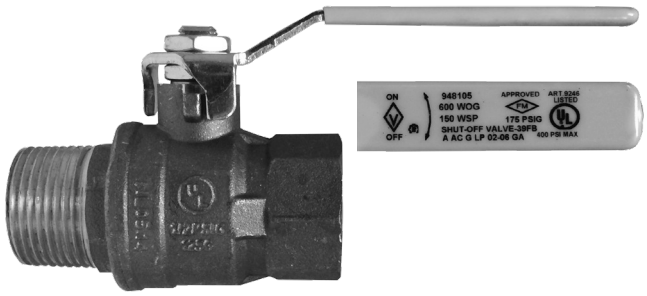
Made in Italy

ISO 9002 Manufacturer

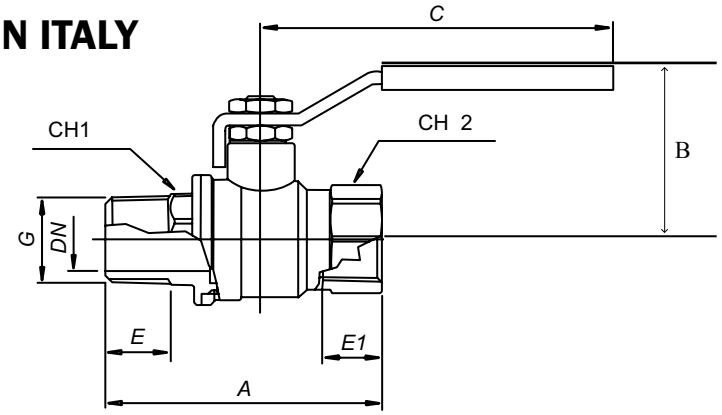
FEATURES

- Solid chrome plated brass ball
- Suitable for full range of liquids and gases.
- Minimal pressure drop due to large full size ports.
- Bottom loaded, pressure retaining stem.
- Pressure rated at 600psi (42 bars) WOG (non-shock) and 150psi (10.34 bars) saturated steam. Virgin TFE stem packing seal, thrust washer and seats.
- Yellow vinyl insulator on heavy duty plated carbon steel handles.
- Fast 1/4 turn open or close operation.
- Generic Handles
- Low operating torque.
- Adjustable stem packing gland.
- Maximum operating temperature: 248^{0}F (120^{0}C) at 600 p.s.i
- Minimum operating temperature: -20^{0}F (-40^{0}C)
- KV: Pressure drop m^3/h.
- Each valve individually tested.
- Forged Brass - for more strength.
- Threaded ends to ANSI B1.20.1
- Hard chromium plated solid ball
- Bottom entry, blow-out proof stem.
- Deeper threads - for better connections.

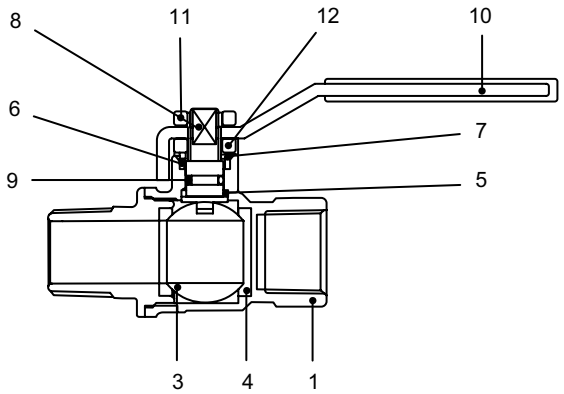
MADE IN ITALY



MIP x FIP



Part#	Size	DN	A	B	C	E	E1	CH1	CH2	Weight	Box/Case	List Price
948-101	1/4	.39	2.18	1.53	3.34	.39	.43	.55	.75	0.35	24/96	16.73
948-102	3/8	.39	2.20	1.53	3.34	.43	.43	.71	.86	0.40	24/96	18.20
948-103	1/2	.57	2.54	1.57	3.35	.53	.46	.87	.98	0.50	14/56	17.89
948-104	3/4	.75	2.75	1.77	3.80	.55	.49	1.12	1.22	0.68	12/48	27.44
948-105	1	.94	3.23	2.03	3.80	.69	.59	1.34	1.50	1.18	6 /24	41.99
948-106	1-1/4	1.24	3.76	2.32	4.72	.71	.62	1.69	1.85	1.70	4/16	69.78
948-107	1-1/2	1.49	4.11	2.60	4.72	.73	.64	2.20	2.13	2.72	2/8	95.50
948-108	2	1.96	4.72	3.27	6.38	.85	.65	2.40	2.64	3.84	1/4	153.78



POS	Components	Materials	N
1	Body	CW617N Forged Brass	1
2	End Connection	CW617N Forged Brass	1
3	Ball	CW617N CP Brass	1
4	Ball Stems	P.T.F.E.	2
5	Stem Antif. Seat	P.T.F.E.	1
6	Stem Seat	P.T.F.E.	1
7	Brass Ring	CW617N Brass	1
8	Stem	CW617N Brass	1
9	O-Ring	NBR 80	1
10	Handle	UNI EN 10025 Steel	1
11	Nut	UN 5771 Steel	1
12	Nut	CW617N Brass	1

• Not Lead Free

TEE HANDLE BALL VALVE - MALE X FEMALE

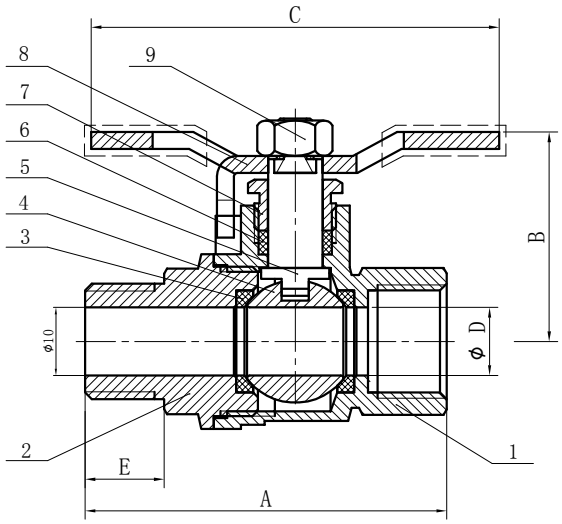
UL842, UL258

NEW

Features
- Thread conform ANSI B1.20.1
- Forged brass body
- Blow out proof stem design
- Packing nut, O-Ring and packing on the stem seal
- Chrome Plated Brass Ball
- Handle with vinyl grip

Performance rating
- 600 PSI (WOG) 150 PSI (WSP) Service
- Temperature range: -20° F to 300° F
- Made in China
- Not lead free

Part#	Size	Dimension Inches							
	NPT	A	B	C	D	E	Weight	Box/Case	List Price
948-170T	1/4"	2.016	1.169	2.362	0.315	0.457	0.30	70/140	9.78
948-171T	3/8"	2.094	1.213	2.362	0.394	0.457	0.33	70/140	9.96
948-172T	1/2"	2.343	1.461	2.953	0.583	0.520	0.49	50/100	12.54
948-173T	3/4"	2.618	1.606	2.953	0.748	0.563	0.73	30/60	19.70
948-174T	1"	3.000	1.921	3.701	0.945	0.630	1.16	20/40	29.39
948-175T	1-1/4"	3.563	2.303	3.701	1.260	0.709	1.70	12/24	47.61
948-176T	1-1/2"	3.965	2.717	4.331	1.575	0.717	2.46	9/18	65.73
948-177T	2"	4.496	3.051	4.331	1.969	0.748	3.61	6/12	93.19



Item	Part	Materials
1	Body	Brass
2	End Cap	Brass
3	Ball Seat	PTFE
4	Ball	C/P Brass
5	Stem	Brass
6	Stem Packing	PTFE
7	Packing Nut	Brass
8	T-Handle	Nickel plating steel
9	Stem Nut	Brass plating steel

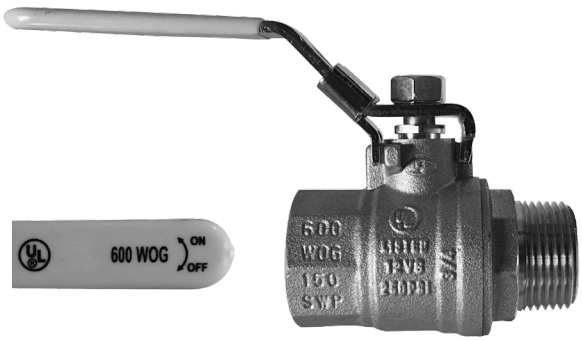
LOCKING HANDLE BALL VALVES - FEMALE X MALE

UL842, UL258

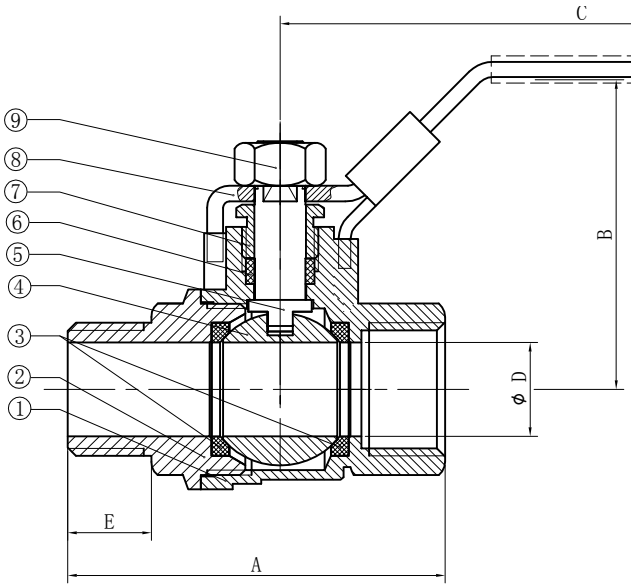
NEW

Features
- Thread conform ANSI B1.20.1
- Forged brass body
- Blow out proof stem design
- Packing nut, O-Ring and packing on the stem seal
- Chrome Plated Brass ball
- Handle with vinyl grip

Performance rating
- 600 PSI (WOG) 150 PSI (WSP) Service
- Temperature range: -20° F to 300° F
- Made in China
- Not lead free



Part#	Size	Dimension Inches							
	NPT	A	B	C	D	E	Weight	Box/Case	List Price
948-170L	1/4"	2.016	1.732	3.543	0.315	0.457	0.32	70/140	10.29
948-171L	3/8"	2.094	1.732	3.543	0.394	0.457	0.37	70/140	10.49
948-172L	1/2"	2.343	1.941	3.543	0.583	0.520	0.50	50/100	13.20
948-173L	3/4"	2.618	2.106	3.78	0.748	0.563	0.77	30/60	20.73
948-174L	1"	3.000	2.579	4.528	0.945	0.630	1.21	20/40	30.94
948-175L	1-1/4"	3.563	2.961	4.528	1.260	0.709	1.74	12/24	49.04
948-176L	1-1/2"	3.965	3.366	5.512	1.575	0.717	2.58	9/8	67.71
948-177L	2"	4.496	3.701	5.512	1.969	0.748	3.73	6/12	95.98

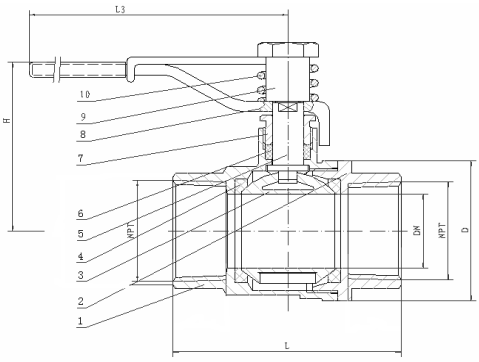


Item	Part	Materials
1	Body	Brass
2	End Cap	Brass
3	Ball Seat	PTFE
4	Ball	C/P Brass
5	Stem	Brass
6	Stem Packing	PTFE
7	Packing Nut	Brass
8	Lever Handle	Nickel plating steel
9	Stem Nut	Brass plating steel

BRASS SPRING HANDLE BALL VALVE

NEW

Working pressure:600 PSI for brass
Temperature Range:-40°F to 365°F(-40°C to +185°C)
Material:Brass
Spring Lever Handle w/Vinyl Grip
Made in China
Not lead free



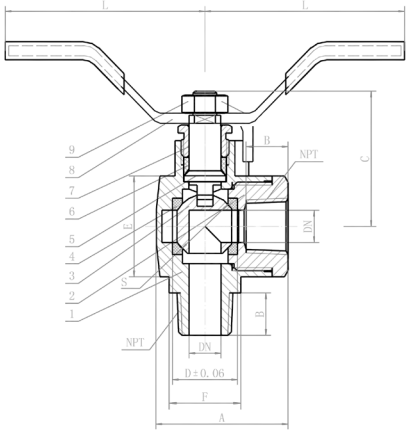
Part #	Part Name	Material
1	Body	Brass
2	Bonnet	Brass
3	Ball	Brass
4	Sealing Seat	PTFE
5	Stem	Stainless Steel
6	Packing Ring	PTFE
7	Gland	Brass
8	Handle	Stainless Steel
9	Bolt	Brass
10	Spring	Stainless Steel

Item#	Size	L	D	DN	H	L3	WTG	Box/Case	List Price
947-103	**1/2"**	2.19	1.24	0.59	2.24	3.92	0.54	10/80	36.79
947-104	**3/4"**	2.38	1.5	0.75	2.36	3.92	0.72	6/48	42.90
947-105	**1"**	3.23	1.91	0.98	2.71	4.49	1.11	6/36	52.71

RIGHT ANGLE BRASS BALL VALVE

NEW

Working pressure: 250PSI
Temperature Range -40° to 400°F(-40 °C to +205 °C)
With lever Handle Teflon seats 2-pc,full port Heavy Duty forged Body Steel Handle w/Vinyl Grip-
Made in China
Not lead free



Part #	Part Name	Material
1	Body	Brass
2	Cap	Brass
3	Ball	Brass
4	Seat	PTFE
5	Stem	Brass
6	Stuffing	PTFE
7	Packing Nut	Brass
8	Handle	Steel
9	Nut	Brass

Part #	Size	A	B	C	D	S	DN	L	E	F	WTG	Box/Case	List Price
947-111	1/4	1.59	0.41	1.40	0.64	0.63	0.32	3.15	0.98	0.65	0.34	10/120	15.14
947-112	3/8	1.59	0.41	1.40	0.73	0.71	0.39	3.15	0.98	0.65	0.36	10/120	15.14
947-113	1/2	1.73	0.55	1.40	0.79	0.87	0.55	3.15	1.08	0.83	0.55	10/120	24.11

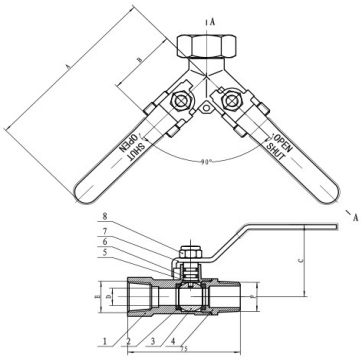
3-WAY AND SAFETY EXHAUST BALL VALVES

3-WAY WYE BRASS BALL VALVE,VENTED AND UNVENTED

- Max.pressure:W.O.G.(water,oil,inert gas)
  Unvented Valve:600psi@70ºF
  Vented Valve:250psi@70ºF
  W.S.P.(working steam pressure)
  Unvented Valve:150psi@365ºF
  Vented Valve:Not related
- Vacuum Rating:29"Hg
- Temperature Range:-40º to 365ºF
- Ports:Full

NEW

Part#	Part Name	Material
1	Body	Brass Nickel Plated
2	Seat	PTFE
3	Ball	Brass,Cr.Plated
4	Cap	Brass Nickel Plated
5	Stem	Brass
6	O-Ring	Viton
7	Handle	Steel
8	Nut	Steel



Designed for the portable air compressor industry,these valves control the flow of water,oil, and inert gases in two direction and are great for mixing and diverting.They have a single female inlet and two male outlets with two ball valves.Valves are Brass Nickel Plated and have chrome-plated brass balls,brass blow-out proof stems ,PTFE seats and seals,and steel lever handles with vinyl grips.Vented valves has a drilled hole on the two valve balls and body that vents compressed air in the line when valve is closed. Connections:1"NPT female inlet and 3/4"NPT male outlet. • Made in China • Not lead free

NON-VENTED

VENTED

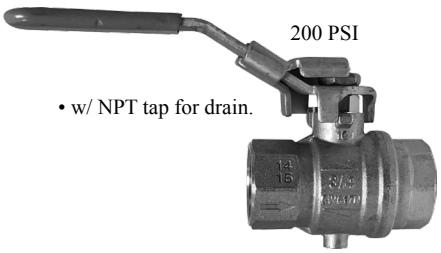
Part #	Ball	E	F	A	B	C	D	G	WTG	Box/Case	List Price
947-125	Non-vented	1" Female	3/4" Male	5.18"	**2.5"**	2.05"	0.59"	90°	1.53	2/24	51.28
947-126	Vented								1.48	2/24	52.97

EXHAUST VALVES

AUTOMATIC DRAIN & LATCH LOCK HANDLE

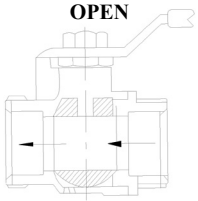
Full port hot forged brass ball valve, blow-out proof stem, downstream automatic vent with lockable handle in compliance with OSHA requirements.

- Maximum working pressure: 200 PSI (CWP).
- Temperature rating: -4°F through +350°F.
- Made in Italy
- Not lead free



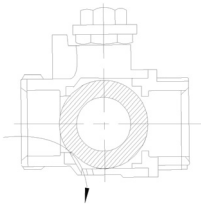
• w/ NPT tap for drain.

OPEN



Valve - open position.
Drain vent shut off.

CLOSED

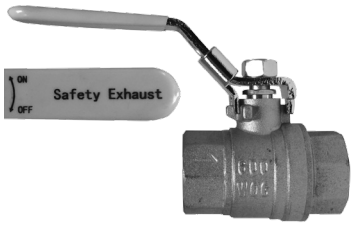


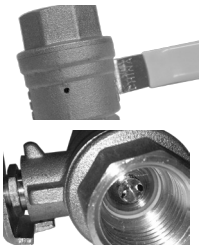
Part#	Size	List Price
948-131	1/4"	54.96
948-132	3/8"	58.30
948-133	1/2"	60.87
948-134	3/4"	83.43
948-135	1"	92.11

Valve - closed and draining occurs. Upstream seat prevents air flow. Downstream system is vented to atmosphere.

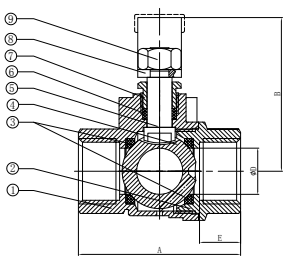
SAFETY EXHAUST BALL VALVE

- Threaded - Two Piece Body - Full Port • Vented
- Blow-out Proof Stem - PTFE Seats • 400 PSI WOG
- To Exhaust and Downstream Air in the Closed Position w/ locking lever handle.
- Made in China • Not lead free





Part #	Size	A	B	D	E	List Price
948-141	1/4"	1.756	1.732	0.394	0.457	11.34
948-142	3/8"	1.756	1.732	0.394	0.457	10.38
948-143	1/2"	2.047	1.941	0.583	0.520	14.88
948-144	3/4"	2.362	2.126	0.748	0.563	22.98



MATERIAL LIST

Item	Part	Material
1	Body	Brass
2	End Cap	Brass
3	Ball Seat	PTFE
4	Ball	Brass
5	Stem	Brass
6	Stem Packing	PTFE
7	Packing Nut	Brass
8	Lever Handle	Nickel plating steel
9	Stem Nut	Nickel plating steel

GAS BALL VALVES

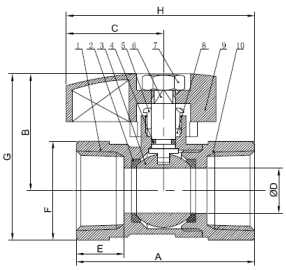
5 PSIG
C US
CSA AGA 3.88 5 PSIG

Manual Valve
LISTED
Threaded NPT
UL 842, UL 258, UL 125

ISO 9002 Manufacturer

FEATURES

- Material: C37700
- Forged brass,Regular port,Thread*Flare Thread
- Thread ends in ANSI B1.20.1
- Working temperature:0-65°(32-149°)
- Pressure :1/2PSI;5PSI;
- ASEM B16.44/CR91; ANSI Z21.15/CSA9.1
- UL 125 For LP-Gas 125psig
- Made in China



NO.	ITEM	TOTAL	MATERIAL
10	BALL VALVE CAP	1	BRASS
9	HANDLE	1	AL-alloy
8	PACKING	1	PTFE
7	HANDLE NUT	1	PLATED STEEL
6	STEM	1	BRASS
5	PACKING NUT	1	BRASS
4	O-RING	1	NBR
3	BALL	1	BRASS
2	SEALING WASHER	2	PTFE
1	BALL VALVE BODY	1	BRASS

GAS BALL VALVE (2-Piece)

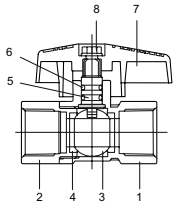
FEMALE x FEMALE

Part#	Size	WTG	Box/Case	List Price
943-311	3/8"	0.35	10/100	7.35
943-312	1/2"	0.44	10/100	7.35
943-313	3/4"	0.62	10/100	10.80

SIZE	ØD	A	B	C	E	F	G	H
3/8″	0.394	1.752	1.437	1.28	0.472	0.945	1.909	2.146
1/2″	0.394	2.204	1.437	1.28	0.606	1.043	1.961	2.461
3/4″	0.591	2.362	1.535	1.28	0.626	1.299	2.815	2.476

MADE IN ITALY

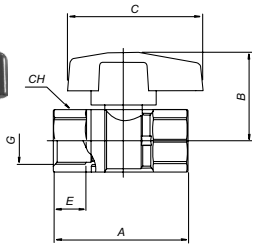
- For use with natural, manufactured, mixed liquified. petroleum and LP gas-air mixtures.
- Deeper thread connections. Smooth quarter-turn.
- Manufactured to ANSI Z21.15, C.G.A. 9.1-M81, 9.2-M88, 1/2 psig. 372 also to A.G.A.3-8, C.G.A. CR91-002, 2 psig.
- Solid chrome plated brass ball
- Bottom entry
- Blow out proof design.
- Double viton o-rings stem seals
- Teflon seats for durability.
- Forged construction for greater strength.
- Larger ports for increased flow capacity.
- Red Reversible handle.
- May be used with water 400 WOG.



	Components	Materials
1	Body	Forged Brass
2	End Connection	Forged Brass
3	Ball	Forged Brass
4	Ball Seats	P.T.F.E.
5	Stem	Brass
6	O-Ring	NBR
7	Butterfly	Steel
8	Screw	UNI 5771 Steel

5 PSIG
C US
CSA AGA 3.88 5 PSIG

Manual Valve
LISTED
Threaded NPT
UL 842, UL 258, UL 125



GAS BALL VALVES

FEMALE x FEMALE

Part#	Size G	Dimension Inches DN	A	B	C	E	CH	PN in psi	WTG	Box/ Case	List Price
943-212	1/2"	.47	2.26	1.45	2.28	.55	.98	600	0.33	20/80	13.57
943-213	3/4"	.59	2.48	1.57	2.28	.57	1.22	600	0.45	14/56	19.69

CHROME PLATED BRASS MINI BALL VALVE | VALVES

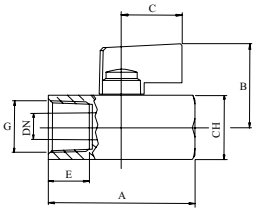
ITALIAN CHROME PLATED BRASS MINI BALL VALVE

ISO 9002 Manufacturer

FEATURES

- Solid chrome plated brass ball
- Max working pressure 235 psi will handle 300psi@75° F
- Longer body style for longer, deeper thread connections
- One piece drawn sand blasted chrome plated body.
- Each valve is seal tested for maximum safety.
- Double seal system allows valve to be operated in both directions making installation easier.
- Blowout-proof brass stem.
- NPT taper ANSI B1.20.1 threads.
- 32°F to +176°F temperature.
- 1/4 Turn Aluminium handle with mechanical stop.
- NSF Approved valves available upon request!
- Not lead free

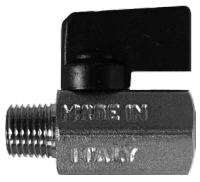
Female x Female

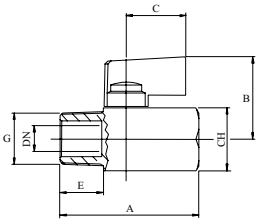


Made in Italy

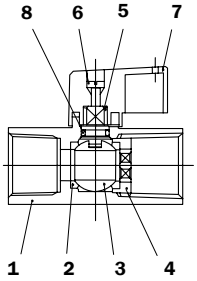
Part#	Size		Dimension Inches							
	G	DN	A	B	C	E	CH	WTG	Box/ Case	List Price
46-922 I	1/4"	0.31	1.81	1.17	0.9	0.51	0.83	0.24	50/200	15.16
46-923 I	3/8"	0.31	1.85	1.17	0.9	0.51	0.83	0.22	50/200	15.16
46-924 I	1/2"	0.39	2.18	1.26	0.9	0.61	0.98	0.32	30/120	17.52

Male x Female

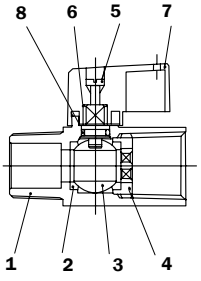




Part#	Size		Dimension Inches							
	G	DN	A	B	C	E	CH	WTG	Box/ Case	List Price
46-903 I	1/4"	0.31	1.75	1.17	0.9	.40	0.83	0.20	50/200	14.84
46-904 I	3/8"	0.31	1.81	1.17	0.9	.41	0.83	0.20	50/200	14.84
46-905 I	1/2"	0.39	2.14	1.26	0.9	.52	0.98	0.30	40/160	16.45



POS	Components	Materials	N
1	Body	CW517N Forged Brass	1
2	Ball Seats	P.T.F.E	2
3	Ball	CW517N CP Brass	1
4	Ring Unit	CW614N Brass	1
5	Stem	CW614N Brass	1
6	Screw	UNI 5771 Steel	1
7	Handle	Aluminum	1
8	O-Ring	NBR 80	1

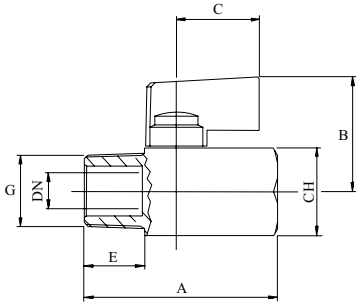


YELLOW BRASS 1/4" MINI MALE X FEMALE VALVE

- **Proprietary seal design extreme for low & high temperature applications**
- **-76° to +248°F temperature.**
- Nominal working pressure 235 psi will handle 300psi@75° F
- One piece drawn sand blasted brass plated body. Solid chrome plate brass ball
- Double seal system allows valve to be operated in both directions making installation easier.
- Blowout-proof brass stem.
- NPT taper ANSI B1.20.1 threads.
- **1/4 TURN BLACK METAL HANDLE WITH MECHANICAL STOP**.

MALE x FEMALE

MADE IN ITALY



Part#	Size		Dimension Inches						
	NPT	DN	A	B	C	E	CH	CASE	List Price
46-903ISB	1/4"	0.315	1.75	1.18	1.24	0.48	0.83	200	**5.90**

MINI BALL VALVES

- Chrome plated forged brass body
- Chrome plated brass ball
- NPT taper ANSI B1.20.1 threads*
- 450 PSI working pressure
- At 212°F - 355 PSI
- At 356°F - 142 PSI
- 1/4 Turn Alumzinc handle
- Not lead free
- Made in China

FEMALE X FEMALE - FLAG HANDLE

Part #	Size	Dimensions (In)				Wt lbs	Box/ Case	List Price
		A	D(FLOW)	F	G			
46-934	1/8	1.57	0.24	0.93	1.46	0.21	20/300	7.56
46-935	1/4	1.57	0.31	0.93	1.46	0.20	20/300	7.56
46-936	3/8	1.57	0.28	0.93	1.46	0.22	20/300	8.27
46-937	1/2	1.77	0.35	0.93	1.56	0.24	20/200	8.57

MINI BALL VALVES W/VITON SEALS

NEW

FEMALE X FEMALE - LEVER HANDLE

Part #	Size	Dimensions (In)				Wt lbs	Box/ Case	List Price
		A	D(FLOW)	F	G			
46-934L	1/8	1.57	0.24	1.99	1.50	0.21	20/300	8.23
46-935L	1/4	1.57	0.31	1.99	1.50	0.20	20/300	7.33
46-936L	3/8	1.57	0.28	1.99	1.50	0.22	20/300	6.79
46-937L	1/2	1.77	0.35	1.99	1.59	0.24	20/200	8.61

NEW

FEMALE X FEMALE - TEE HANDLE

Part #	Size	Dimensions (In)				Wt lbs	Box/ Case	List Price
		A	D(FLOW)	F	G			
46-934LT	1/8	1.57	0.24	1.34	1.43	0.21	20/300	8.13
46-935LT	1/4	1.57	0.31	1.34	1.43	0.20	20/300	7.23
46-936LT	3/8	1.57	0.28	1.34	1.43	0.22	20/300	6.70
46-937LT	1/2	1.77	0.35	1.34	1.52	0.24	20/200	8.51

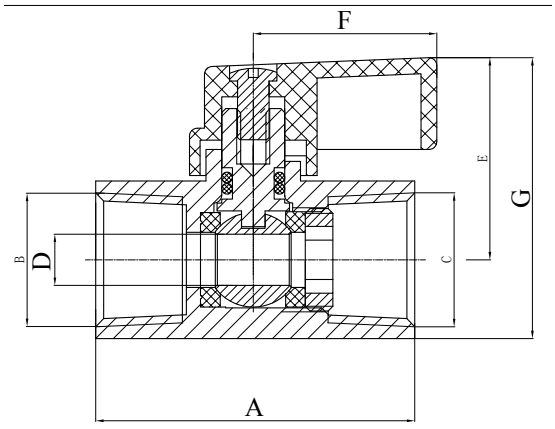
NEW

FEMALE X FEMALE - SCREWDRIVER

Part #	Size	Dimensions (In)		Wt lbs	Box/Case	List Price
		A	D(FLOW)			
46-934LS	1/8	1.57	0.24	0.21	20/300	7.48
46-935LS	1/4	1.57	0.31	0.20	20/300	6.57
46-936LS	3/8	1.57	0.28	0.22	20/300	6.04
46-937LS	1/2	1.77	0.35	0.24	20/200	7.85

* BSPP Threads available with extended delivery, same cost.

• Not lead free

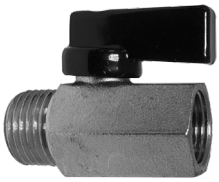


Pos	Components	Materials	N
1	Body	CP Forged Brass	1
2	Ball Seats	P.T.F.E.	2
3	Ball	CP Brass	1
4	Ring Unit	Brass	1
5	Stern	Brass	1
6	O-Ring - flag handle	NBR 80	1
6	O-Ring - all others	Viton	1
7	Handle	Alumzinc	1
8	Screw	Steel	1

MINI BALL VALVE

MINI BALL VALVES

- Chrome plated forged brass body
- Chrome plated brass ball
- NPT taper ANSI B1.20.1 threads*
- 450 PSI working pressure
- At 212°F - 355 PSI
- At 356°F - 142 PSI
- 1/4 Turn Alumzinc handle
- Not lead free
- Made in China



MALE X FEMALE - FLAG HANDLE

Part #	Size	Dimensions (In)				Wt lbs	Box/ Case	List Price
		A	D(FLOW)	F	G			
46-930	1/8	1.57	0.24	0.93	1.46	0.17	20/300	7.56
46-931	1/4	1.57	0.31	0.93	1.46	0.15	20/300	7.56
46-932	3/8	1.57	0.28	0.93	1.46	0.21	20/300	8.27
46-933	1/2	1.77	0.35	0.93	1.56	0.24	20/200	8.57

MINI BALL VALVES W/VITON SEALS

NEW

MALE X FEMALE - LEVER HANDLE

Part #	Size	Dimensions (In)				Wt lbs	Box/ Case	List Price
		A	D(FLOW)	F	G			
46-930L	1/8	1.57	0.24	1.99	1.50	0.17	20/300	6.50
46-931L	1/4	1.57	0.31	1.99	1.50	0.15	20/300	6.20
46-932L	3/8	1.57	0.28	1.99	1.50	0.21	20/300	6.20
46-933L	1/2	1.77	0.35	1.99	1.59	0.24	20/200	8.17

NEW

MALE X FEMALE - TEE HANDLE

Part #	Size	Dimensions (In)				Wt lbs	Box/ Case	List Price
		A	D(FLOW)	F	G			
46-930T	1/8	1.57	0.24	1.34	1.46	0.17	20/300	6.42
46-931T	1/4	1.57	0.31	1.34	1.46	0.15	20/300	6.11
46-932T	3/8	1.57	0.28	1.34	1.46	0.21	20/300	6.11
46-933T	1/2	1.77	0.35	1.34	1.56	0.24	20/200	8.07

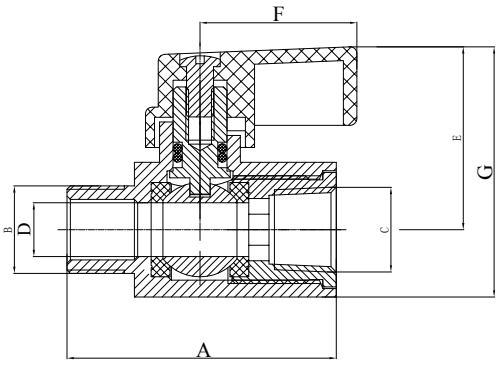
NEW

MALE X FEMALE - SCREWDRIVER

Part #	Size	Dimensions (In)		Wt lbs	Box/ Case	List Price
		A	D(FLOW)			
46-930S	1/8	1.57	0.24	0.17	20/300	5.76
46-931S	1/4	1.57	0.31	0.15	20/300	5.45
46-932S	3/8	1.57	0.28	0.21	20/300	5.45
46-933S	1/2	1.77	0.35	0.24	20/200	7.42

* BSPP Threads available with extended delivery, same cost.

- Not lead free

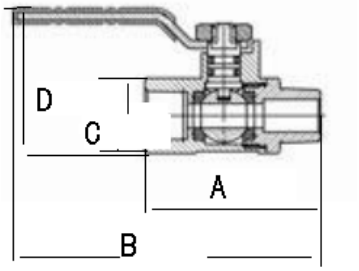


Pos	Components	Materials	N
1	Body	CP Forged Brass	1
2	Ball Seats	P.T.F.E.	2
3	Ball	CP Brass	1
4	Ring Unit	Brass	1
5	Stern	Brass	1
6	O-Ring - flag handle	NBR 80	1
6	O-Ring - all others	Viton	1
7	Handle	Alumzinc	1
8	Screw	Steel	1

FORGED BRASS MINI-BALL VALVES

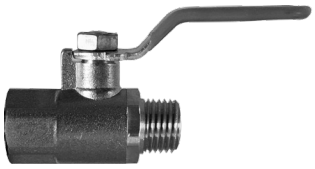
- 180^0 operational handle, blow out proof stem. Stem with double "O" Rings
- 200 WOG
- Temp rating -20°F - 250°F
- Generic Handles
- Not lead free

NO	Part Name	Material	QTY
1	Nut	Steel	1
2	Handle	Steel	1
3	Cover	PVC	1
4	O-Ring	NBR	2
5	Stem	Brass	1
6	Body	Brass	1
7	Seat	Teflon	2
8	Ball Disc	Brass	1
9	End Plug	Brass	1



FEMALE x FEMALE

	Part #	Size	A	B	C	D	List Price
NEW	944-113	1/8	1.53	2.80	0.73	1.42	7.12
	944-116	1/4	1.53	2.80	0.73	1.42	8.25
NEW	944-117	3/8	1.73	2.90	0.87	1.50	8.77
NEW	944-140	1/2	2.07	3.08	0.98	1.45	9.90



FEMALE x MALE

	Part #	Size	A	B	C	D	List Price
	944-106	1/8	1.69	3.02	0.73	1.46	10.30
	944-100	1/4X1/8	1.70	3.00	0.73	1.44	13.70
	944-101	1/4	1.70	3.00	0.73	1.46	11.99
NEW	944-103	3/8	1.78	3.02	0.87	1.50	9.00
	944-102	3/8X1/4	1.72	2.90	0.89	1.66	10.12
NEW	944-104	1/2	2.34	3.35	0.98	1.45	10.65

MALE x MALE

	Part #	Size	A	B	C	D	List Price
NEW	944-107	1/8	1.82	2.94	0.65	1.42	7.50
NEW	944-109	1/4	1.82	2.94	0.65	1.42	7.88
NEW	944-110	3/8	1.90	2.98	0.73	1.42	8.25
	944-112	1/2	2.17	4.62	0.89	2.05	12.87

HOSE BARB x MALE

Part #	Size	A	B	C	D	List Price	
944-132	1/4X1/8	2.05	2.91	0.73	1.51	5.70	NEW
944-138	1/4X1/4	2.05	2.98	0.73	1.51	8.00	
944-128	3/8X1/4	2.08	3.04	0.73	1.51	7.51	
944-130	3/8X3/8	2.12	3.06	0.73	1.51	6.15	NEW
944-139	1/2X1/2	2.15	3.19	0.73	1.51	9.90	NEW

HOSE BARB x FEMALE

Part #	Size	A	B	C	D	List Price
944-135	1/8X1/8	1.78	2.34	0.62	1.38	10.30
944-136	1/4X1/4	1.97	2.87	0.73	1.55	9.53

HOSE BARB x HOSE BARB

Part #	Size	A	B	C	D	List Price
944-142	1/4X1/4	2.49	3.19	0.73	1.55	10.73
944-134	3/8X3/8	2.49	3.18	0.73	1.55	10.88

LEAD FREE

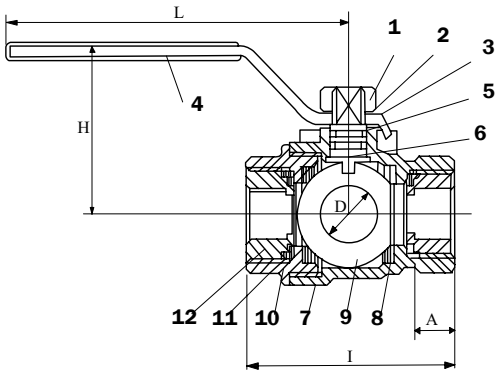
Part #	Size	A	B	C	D	List Price
944-142LF	1/4	2.49	3.19	0.73	1.55	10.73
944-134LF	3/8	2.49	3.18	0.73	1.55	10.88

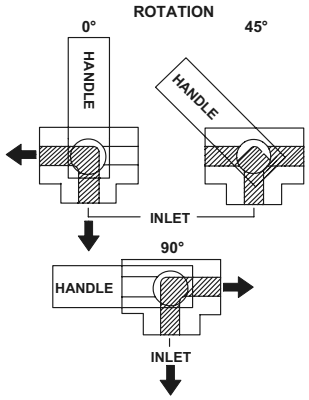
SIDE OUTLET 3-WAY BALL VALVE

• BRASS • 600WOG • FULL PORT

- Forged Brass
- 600 WOG
- Temp Rating 0-230°F

• Side outlet





- Full Port
- Blow-out proof stem
- double o-ring stem packing
- PTFE Seal
- Made in China
- Not lead free

Nomenclature & Materials

NO	Part Name	Material	Qty
1	Nut	Steel	1
2	Spring Washer	Steel	1
3	Handle	Steel	1
4	Cover	PVC	1
5	O-Ring	NBR	2
6	Stem	Brass	1
7	Body	Forged Brass	1
8	Seat	Teflon	2
9	Ball Disc	Brass	1
10	End Plug	Brass	1
11	O-Ring	NBR	3
12	Socket	Brass	3

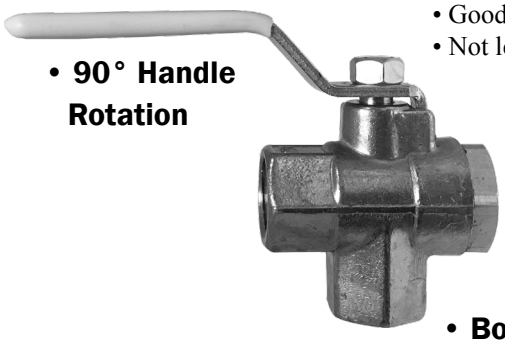
Part#	Size	I	H	D	L	A	WTG	Box/Case	List Price
940-464	1/4"	1.89	1.73	0.39	3.35	0.47	0.61	50/100	42.45
940-465	3/8"	1.89	1.73	0.39	3.35	0.47	0.57	50/100	44.17
940-461	1/2"	2.11	1.80	0.50	3.35	0.51	0.65	30/60	35.20
940-462	3/4"	2.56	2.16	0.74	4.41	0.55	0.78	20/40	57.18

BOTTOM OUTLET 3 WAY BALL VALVE

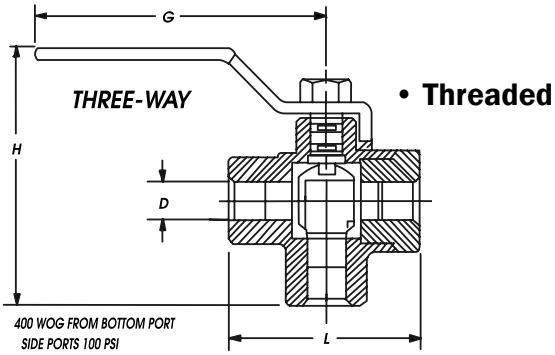
- Forged Brass
  Bottom Port is inlet 400 psi
  Side Ports are inlet 100 psi

- Double O-Ring Seal
- Blow out proof stem
- Made in USA
- Threaded ports
- Good for propane
- Not lead free

• 90° Handle Rotation



• Bottom outlet



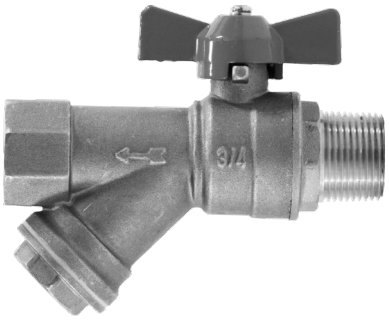
• Threaded

Part#	Size	D	G	H	L	Cv	WTG	List Price
940-121	1/4"	.44	3.50	3.12	2.25	5.2	0.76	58.45
940-122	3/8"	.50	3.50	3.12	2.25	5.5	0.69	54.10
940-123	1/2"	.50	3.50	3.12	2.25	5.5	1.00	61.36

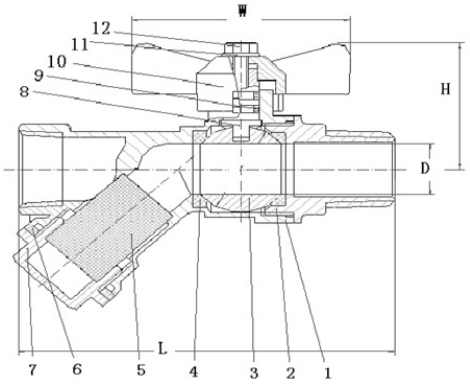
BRASS BALL VALVE WITH STRAINER

NEW

All-in-One design for economical ,compact and convenient .With stamped stainless Steel Screen . 600PSI WOG Forged brass body,Crome plated ball ,PTFE ball seats and cap seal , and rubber o-ring stem seals. Not lead free



Part #	Part Name	Material
1	Body	Brass
2	Caps	Brass
3	Ball	Brass,Cr.Plated
4	Seat	PTFE
5	Filter	SS
6	Gasket	PTFE
7	Caps	Brass
8	Stem	Brass
9	O-Ring	Viton
10	Handle	Zinc
11	Spring Washer	S.S
12	Nut	Steel



Item#	Size	L	D	B	H	WTG	Box/Case	List Price
947-133	**1/2"x1/2"(MxF)**	3.39"	0.59"	2.00"	1.50"	0.60	8/64	24.70
947-134	**3/4"x3/4"(MxF)**	3.89"	0.75"	2.40"	1.85"	0.86	8/64	32.69

VACUUM BREAKER

- *Male hose and female hose threads can be broken off for permanent attachment*
- *Set screw*
- *Vandal proof*
- *Rough brass construction*
- *Prevents back-siphonage on hoses to prevent potable water from getting contaminated*
- *Certified under ASSE Std. 1011*
- *UPC*
- *IAMPO*

Part #	Size	List Price
947-055	3/4" x 3/4"	11.04

HOSE BIBBS
3/4” Hose Thread Outlet

IPS

Part #	Size	WTG	Box/ Case	List Price
942-170	1/2 (1/2"C)	0.33	10/100	20.15
942-171	3/4	0.35	10/100	16.10

RADIATOR AIR VALVE

COIN SLOT OR LOSSE KEY

Part #	Size	List Price
943-284	1/8" MIP	3.25
943-287	Key only	0.54

ANGLE SILLCOCKS

3/4" Hose Thread Outlet

- Notched flange for convenient installation.
- Heavy brass construction.
- Cast Iron handle.
- Not lead free

FEMALE IPS

Part #	Size	Box	List Price
942-142	1/2	12	21.20

MORE PLUMBING VALVES COMING SOON!

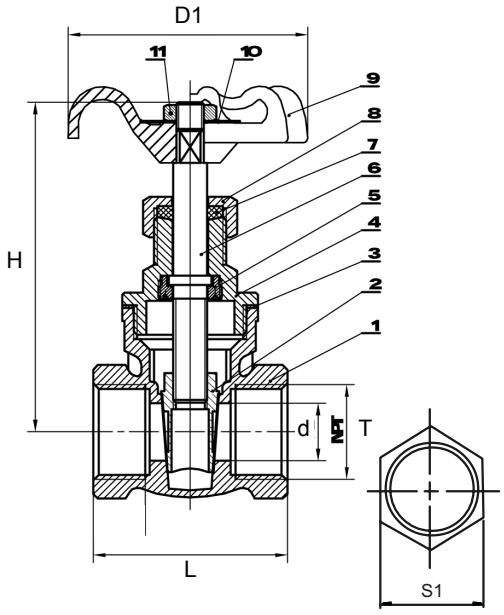
BRASS GATE VALVE

• BRASS • 200WOG • FULL PORT

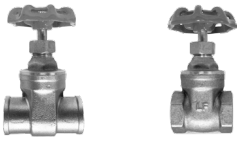
- 200 WOG (cold water, oil, gas).
- 125 WSP (Saturated Steam).
- Full-port design for a better water flow.
- Screw-in Bonnet - Non-Rising Stem - Solid Wedge
- NPT Threaded ends to ANSI B1.20.1
- Cast iron handle.
- Each valve individually air tested under water.
- Good for diesel fuel.
- Made in Indonesia
- Not lead free

BRASS GATE VALVES IPS

Part#	Size	L	H	D1	d	T	S1	Weight	Box/Case	List Price
940-130	1/4	1.71	2.91	2.09	.24	1/4-18 NPT	.85	0.65	10/120	17.85
940-131	3/8	1.71	2.91	2.09	.39	3/8-18 NPT	.85	0.59	10/120	17.85
940-132	1/2	1.71	2.91	2.09	0.50	1/2-14 NPT	1.03	0.61	10/120	15.13
940-133	3/4	1.81	3.31	2.13	0.74	3/4-14 NPT	1.26	0.83	10/80	20.33
940-134	1	2.13	3.90	2.48	0.97	1-11.5 NPT	1.51	1.24	5/60	27.86
940-135	1-1/4	2.24	4.61	2.72	1.22	1-1/4-11.5 NPT	1.89	1.69	5/40	50.50
940-136	1-1/2	2.44	5.08	3.15	2.45	1-1/2-11.5 NPT	2.17	2.17	5/30	64.64
940-137	2	2.70	5.94	3.52	1.85	2-11.5 NPT	2.60	3.33	2/24	85.05
940-138	2-1/2	3.70	7.87	3.98	2.48	2-1/2-8 NPT	3.27	6.26	1/10	147.72
940-139	3	4.02	8.82	4.37	2.80	3-8 NPT	3.86	8.34	1/6	220.69
940-140	4	4.53	9.88	4.84	3.60	4-8 NPT	4.88	13.09	1/4	355.33



See Lead Free section page 174 for lead free Gate Valves.

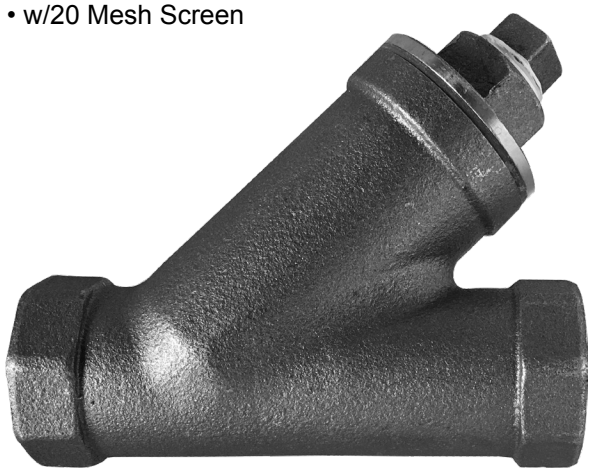


See page 208 for SS Gate Valve

NO	Description	Material
1	Body	C85700
2	Disk	C85700
3	Seat	PTFE
4	Cap	C85700
5	Packing	C85700
6	Stem	C85700
7	Rubber Seat	NBR
8	Packing Nut	C85700
9	Handle	Cast Iron
10	Nameplate	AL
11	Stem Nut	SAE 1010R

CLASS 150 BRASS Y-PATTERN STRAINER

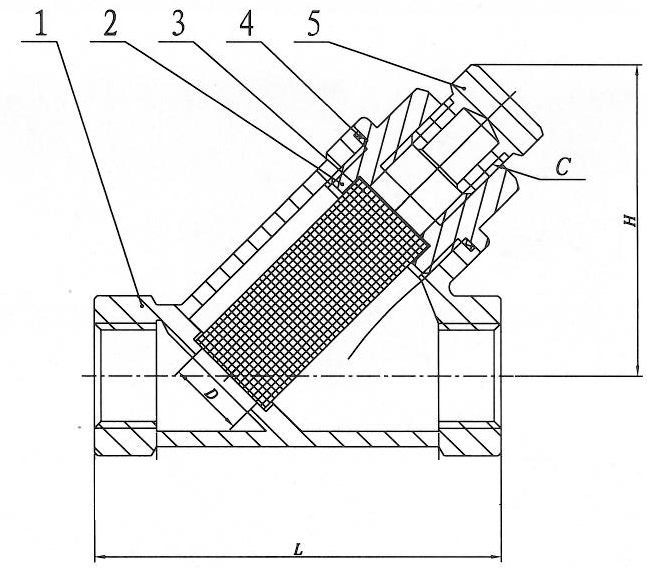
- Forged Brass body, size 1/4"-3".
- Pressure rating: 150 WOG (water, oil, gas)/PN25
  150 WSP (Saturated Stem)
- NPT Threaded ends to ANSI B1.20.1
- Protects regulators, pumps, meters and other controls from damage due to sediment scale, metal chips or other foreign materials.
- Screwed cap is threaded & gasketed.
- Tapped drain plug opening in cap.
- 304 stainless steel screen #20 mesh.
- Self cleaning.
- Self cleaning can be accomplished by opening the valve or plug connected to the blow-off outlet.
- Made in Indonesia
- NOT LEAD FREE
- w/20 Mesh Screen



Part#	Size	L	H	C (Plug)	Weight	Box/Case	List Price
940-521	1/4"	3.21	2.44	NPT 3/8	.64	12/48	36.32
940-522	3/8"	3.23	2.44	NPT 3/8	.71	12/48	38.30
940-523	1/2"	3.23	2.44	NPT 3/8	.84	12/48	28.60
940-524	3/4"	3.94	2.78	NPT 3/8	1.10	8/48	41.46
940-525	1"	4.53	3.19	NPT 1/2	1.71	8/32	71.96
940-526	1-1/4"	5.33	3.66	NPT 1/2	2.49	6/24	98.67
940-527	1-1/2"	6.20	3.82	NPT 1/2	3.19	2/16	130.54
940-528	2"	7.44	4.65	NPT 1/2	5.39	2/8	215.16
940-529	2-1/2"	8.94	5.39	NPT 3/4	9.56	1/6	500.00
940-530	3"	10.00	5.67	NPT 3/4	13.49	1/4	716.11

See page 174 for 1/2" Lead Free

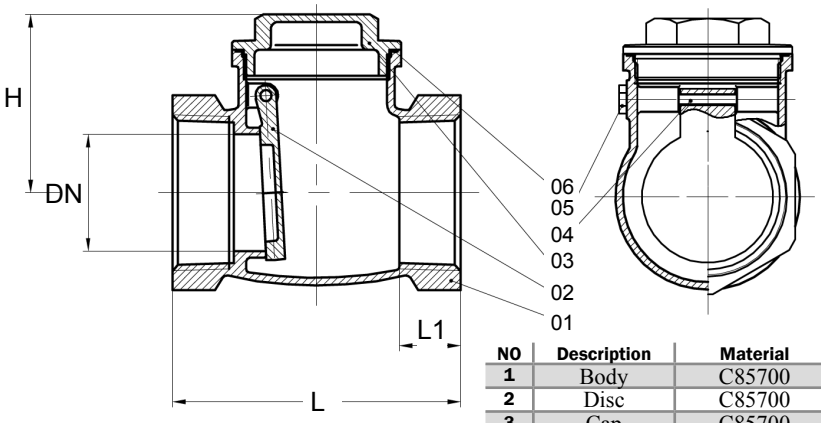
See page 208 for SS Y Strainer



NO	Name	Material
1	BODY	C85700
2	BONNET	C85700
3	STRAINER	304 S.S.
4	SPRING SEAL	PTFE
5	END CAP	C85700

BRASS SWING CHECK VALVES

- Working pressure non-shock: 200 psi W.O.G. (cold water, oil, gas) 125 psi WSP (saturated steam)
- Swing type disc.
- Screwed Cap.
- Hard Seat.
- 90⁰ Straight Pattern.
- Used to prevent reverse flow in commercial and industrial applications.
- Threaded ends to ANSI B1.20.1
- Integral seat.
- Temp range -5° - 150F°
- NOT LEAD FREE
- Cracking pressure 3-5 psi
- Made in Indonesia



NO	Description	Material
1	Body	C85700
2	Disc	C85700
3	Cap	C85700
4	Brass Bar	C85700
5	Screw	C85700
6	Gasket	Fibre H

CAST BRASS SWING CHECK VALVES IPS SCREWED ENDS

Part #	Size	L	H	L1	DN	Weight	Box/Case	List Price
940-352	1/2	2.09	1.42	0.531	0.512	.41	10/100	17.25
940-353	3/4	2.36	1.56	0.579	0.728	.56	10/80	19.41
940-354	1	2.62	1.77	0.748	0.925	.73	5/60	27.81
940-355	1-1/4	3.19	2.07	0.748	1.201	1.36	5/40	43.88
940-356	1-1/2	3.54	2.16	0.846	1.417	1.56	5/30	60.54
940-357	2	4.21	2.74	0.886	1.772	2.58	2/20	90.90
940-358	2-1/2	5.14	3.09	1.063	2.224	4.55	1/15	171.93
940-359	3	5.77	3.80	1.102	2.579	6.53	1/6	241.83
940-360	4	6.84	4.25	1.102	3.602	10.18	1/4	392.81

• See page 174 for Lead Free Brass Swing Check Valves

• See page 208 for SS Swing Check Valves

Y PATTERN BRASS SWING CHECK VALVE SCREWED ENDS

Part #	Size	List Price
940-351B	3/8"	58.73
940-352B	1/2"	58.73
940-353B	3/4"	78.26
940-354B	1"	100.28
940-355B	1-1/4"	150.27
940-356B	1-1/2"	180.40
940-357B	2"	249.80
940-358B	2-1/2"	586.74
940-359B	3"	801.13

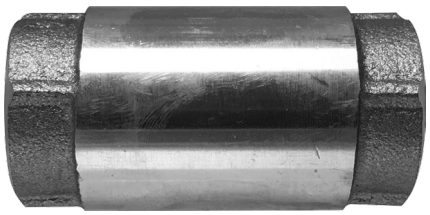
Y PATTERN BRASS SWING CHECK VALVE COPPER x COPPER

Part #	Size	List Price
940-362B	1/2"	58.73
940-363B	3/4"	78.26
940-364B	1"	100.28
940-365B	1-1/4"	175.02
940-366B	1-1/2"	180.38
940-367B	2"	249.80

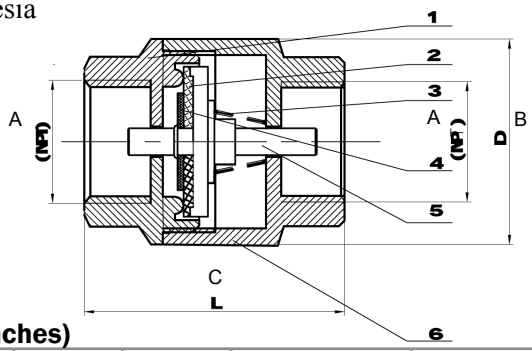
BRASS CHECK VALVES

S.S. SPRING LOADED BRONZE POPPET - For positive sealing & self-cleaning. Insures against leakage.

- Inline Lift Type - Resilient Discs - Spring Actuated - Threaded.
- Presure rating: 200 WOG (water, oil, gas) / 125 WSP (Saturated Steam)
- Spring in stainless steel AISI 304. • Resilient washer hold/ disc in brass. • Forged Brass Body for 1/2"-2"
- Corrosion resistant material. • Can be used vertically or horizontally. • Opens & Closes with flow of media.
- No cracking pressure. • NOT LEAD FREE • Made in Indonesia



Temp Range
-10°C - 110°C
14°F - 248°F



Brass Check Valve (Inches)

Part#	Size	Enters Pipe Size	A NPT	B	C	Weight	Box/Case	List Price
944-428	1/4"	-	1/4"	1.00	2.01	.24	24/192	17.97
944-429	3/8"	-	3/8"	1.00	2.07	.28	10/100	21.04
944-430	1/2"	1-1/4"	1/2"	1.26	2.40	.42	10/100	16.49
944-431	3/4"	1-1/4"	3/4"	1.50	2.74	.53	10/80	24.51
944-432	1"	2"	1"	1.77	3.23	.80	6/60	32.85
944-433	1-1/4"	2-1/2"	1-1/4"	2.13	3.62	1.32	4/40	47.91
944-434	1-1/2"	3"	1-1/2"	2.36	4.04	1.54	5/30	59.15
944-435	2"	3-1/2"	2"	3.03	5.04	3.07	5/20	92.54

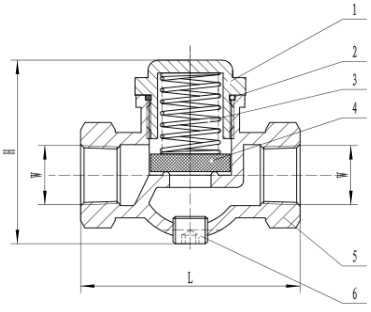
• See page 181 for Lead Free Brass Check Valves

• See page 208 for SS Check Valves

IN LINE CHECK VALVES VERTICAL OR HORIZONTAL

NEW

- Working Pressure: 250 PSI • Temperature Range: -40° to 450°F(-40°to 230°C)
- Cracking Pressure: 3 PSI • Made in China • Not lead free
- Applications:Air Compressor Discharge Lines, may also used on water or oil lines
- Construction:Cast Bronze Body,Corrosion Resistant Stainless Steel Spring to Ensure Long Life,15% Glass Filled • Teflon Poppet,C360 Machined Brass Cap,1/8 NPT Unloader Port is Standard • Repairable



Part#	Part Name	Material
6	Plug	Brass
5	Body	Bronze
4	Gasket	PTPF
3	Spring	S.Steel
2	O-ring	HNBR
1	Cap	Brass

Part #	Size	W	L	H	WTG	Box/Case	List Price
947-140	1/8"	1/8	1.75	1.63	0.28	10/100	23.40
947-141	1/4"	1/4	1.75	1.63	0.29	10/100	23.40
947-142	3/8"	3/8	2.19	1.88	0.62	5/50	35.10
947-143	1/2"	1/2	2.50	2.13	0.63	5/50	49.40
947-144	3/4"	3/4	2.88	2.50	1.17	4/40	73.84
947-145	1"	1	3.50	2.88		1/20	103.41

BRASS IN-LINE CHECK VALVES

High Capacity, Size 1/4"-2" 400 WOG, 2 1/2"-4" 175 WOG

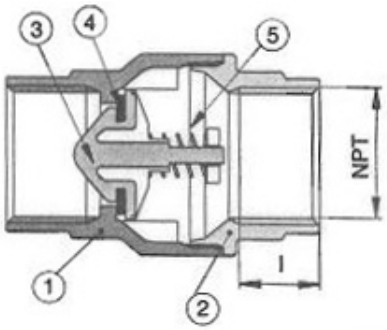
- Soft Seat for Bubble Tight Shutoff, Spring Loaded for Fast Seating Action.
- Compact design.
- Low Cracking Pressure 1/2 psi.
- Flow Profile Designed to Minimize Head Loss.
- Perfect Seating both at High and Low Pressure, Wide Temperature Range: +10° to 210°F.
- Polyethermide Disc to ensure the Best Resistance For Corrosion and Abrasion.
- Patented Disc Guide to Prevent Any Side Loading.
- Connection: FNPT x FNPT.
- Made in Italy • Not lead free

NBR for water, oils and general purpose.
With VITON® Seal for fuels and hydrocarbons. Max working TEMPERATURE 325°F/125 psi steam

Add V to part# for Viton®

Brass In-Line Check

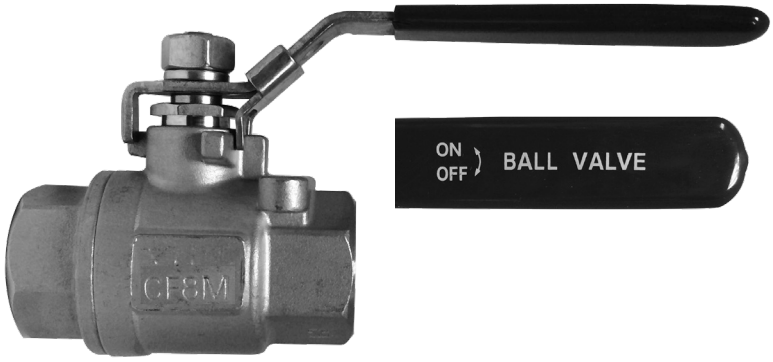
Part#	NBR List	Size	I	psi	Lbs	Case	Viton Part#	Viton List
944-401	20.27	1/4"	0.39	400	0.22	144		
944-402	20.27	3/8"	0.40	400	0.37	144	944-402V	20.88
944-403	22.42	1/2"	0.53	400	0.32	144	944-403V	23.32
944-404	30.52	3/4"	0.55	400	0.49	90	944-404V	32.70
944-405	40.12	1"	0.66	400	0.68	90	944-405V	42.17
944-406	63.05	1-1/4"	0.68	400	1.13	30	944-406V	67.25
944-407	94.90	1-1/2"	0.68	400	1.61	30	944-407V	99.81
944-408	128.37	2"	0.69	400	2.28	12	944-408V	133.88
944-409	293.75	2-1/2"	0.93	175	4.83	4	944-409V	304.59
944-410	397.82	3"	1.01	175	6.70	4	944-410V	411.02
944-411	640.09	4"	1.09	175	12.43	2	944-411V	648.12

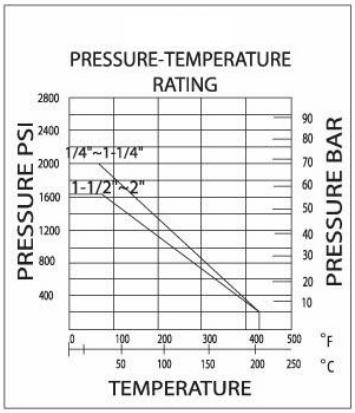


NO	Part	Material	PCS
1	BODY	BRASS	1
2	END CONNECTION	BRASS	1
3	DISC	POLYETHERIMIDE	1
4	SEAT	100002 NBR	1
		100003 Viton	1
5	SPRING	STAINLESS STEEL	1

316 SS 2-PC BALL VALVE, FULL PORT, THREADED END, 2000 PSI

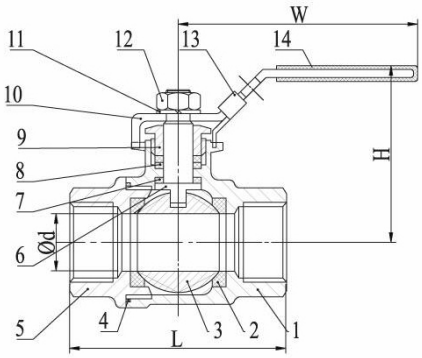
- Investment Castings for body and cap.
- Internal Entry blow-out proof stem.
- Pressure rating: 2000PSI.
- Threaded Ends: ANSI B2,1
- Material: CF8M (316SS)
- Pressure test: API 598
- Generic Handles





LOCKING HANDLE

Part#	Size	D	L	H	W	N.M	lbs/ pc	Case	List Price
949-171	1/4"	0.36	2.13	2.13	4.33	.157	0.64	80	34.14
949-172	3/8"	0.50	2.13	2.16	4.33	.157	0.58	80	34.14
949-173	1/2"	0.59	2.24	2.28	4.53	.197	0.71	70	43.92
949-174	3/4"	0.79	2.76	2.40	4.53	.315	1.18	50	60.48
949-175	1"	0.98	3.25	3.03	5.04	.394	1.88	30	90.72
949-176	1-1/4"	1.25	3.58	3.19	5.04	.551	2.45	20	134.64
949-177	1-1/2"	1.50	4.05	3.54	6.10	.709	4.03	14	187.32
949-178	2"	1.96	4.90	4.25	6.10	.984	7.50	7	260.46



NO	Part	Material	QTY
1	BODY	316SS	1
2	BALL SEAT	PTFE	2
3	BALL	316SS	1
4	BODY SEAL	PTFE	1
5	CAP	316SS	1
6	STEM	SS316	1
7	THRUST WASHER	PTFE	1
8	PACKING	PTFE	1
9	GLAND NUT	SS304	1
10	HANDLE	SS304	1
11	WASHER	SS304	1
12	NUT	SS304	1
13	LOCK DEVICE	SS304	1
14	HANDLE COVER	PLASTIC	1

316 SS STANDARD PORT BALL VALVES

ONE PIECE STANDARD PORT BALL VALVE

316 Stainless Steel

1000 PSI

- Manufactured for harsh environments with female NPT threads.
- Locking handle for greater security.
- Standard port has restricted flow.
- Made with corrosion resistant stainless steel materials.
- PTFE seat and seals.
- Investment Castings for Body and Cap.
- Internal Entry Blow-out proof stem.
- Pressure rating: 1000PSI (PN63)
- Threaded Ends: ANSI B2.1
- Material: CF8M
- Pressure Test: API 598
- Generic handles

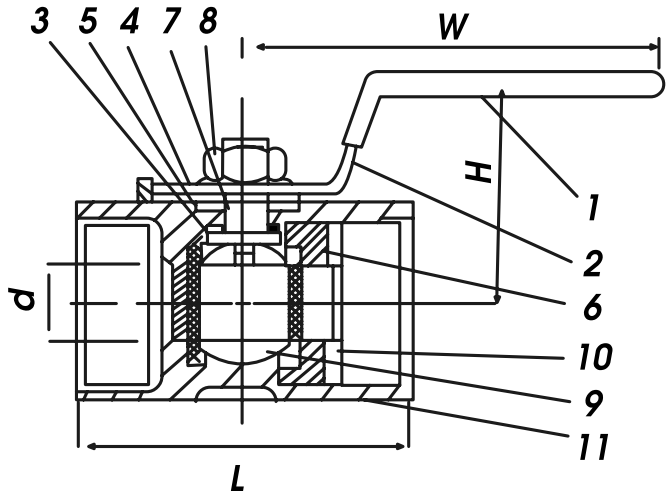
LOCKING HANDLE

Valves will accept a pad-lock on the handle.

dimensions (inches)

Part#	Size	D	L	H	W	Weight	Case	List Price
949-101	1/4"	0.20	1.53	1.53	3.03	0.19	150	32.68
949-102	3/8"	0.27	1.74	1.53	3.03	0.23	150	33.15
949-103	1/2"	0.36	2.24	1.73	3.46	0.41	100	36.82
949-104	3/4"	0.50	2.32	1.89	3.46	0.63	70	43.10
949-105	1"	0.59	2.80	2.24	4.29	0.86	50	55.21
949-106	1-1/4"	0.79	3.07	2.32	4.29	1.34	30	96.48
949-107	1-1/2"	0.98	3.26	2.76	5.31	2.00	25	98.29
949-108	2"	1.25	3.94	2.92	5.95	2.93	15	139.91

Larger sizes available on special order basis



Item	Parts	Material
1	Plastic Cover	Plastic
2	Handle	AISI 304 SS
3	Thrust Washer	PTFE
4	Packing Ring	AISI 304 SS
5	Stem Packing	PTFE
6	Seat	PTFE
7	Seat	AISI 316 SS
8	Stem Nut	AISI 304 SS
9	Ball	316SS ASTM-A351 CF8M
10	Cap	316SS ASTM-A351 CF8M
11	Body	316SS ASTM-A351 CF8M

SS = Stainless Steel

TWO PIECE FULL PORT BALL VALVE

316 Stainless Steel

1000 PSI

Materials: CFM8M (SS316)

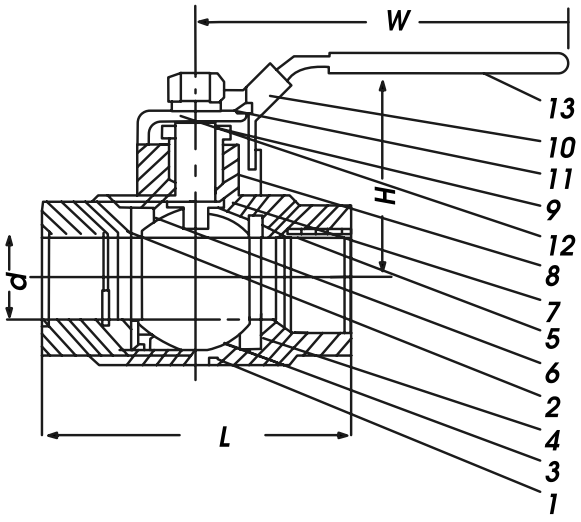
Features:

- Quality manufactured for harsh environments.
- Corrrosion resistant.
- Investment Casting body
- Working pressure 1000 psi for W.O.G.
- Adjustable stem packing
- Pure teflon seals and seats
- Temperature range: -60 to 450°F
- Blow-out proof stem and safe pressure-reducing hole
- 100% leakage tested at 100 psi air under water
- Hydrostatic test pressure: 1500 psi
- Locking handle w/ blue generic sleeve
- 125 Steam rated
- Generic Handles

Valves will accept a pad-lock on the handle.

dimensions (inches)

Part#	Size	D	L	H	W	Weight	Case	List Price
949-161	1/4"	0.36	2.13	2.13	4.33	0.51	80	33.86
949-162	3/8"	0.50	2.13	2.16	4.33	0.49	80	33.86
949-163	1/2"	0.59	2.24	2.28	4.53	0.69	70	41.74
949-164	3/4"	0.79	2.68	2.40	4.53	0.97	50	49.75
949-165	1"	0.98	3.15	3.03	5.04	1.69	30	74.23
949-166	1-1/4"	1.26	3.58	3.19	5.04	2.17	20	133.89
949-167	1-1/2"	1.49	4.05	3.54	6.10	3.33	12	176.42
949-168	2"	1.97	4.88	4.25	6.10	6.02	7	211.07
949-169	2-1/2"	2.56	6.30	5.20	9.06	7.61	2	292.71
949-170	3"	3.15	7.28	5.71	9.06	21.01	2	466.51
949-180	4"	3.94	8.84	7.28	13.19	36.18	1	1220.30



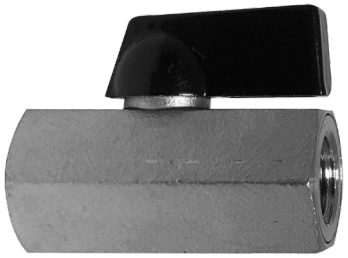
Item	Parts	Material
1	Body	316SS ASTM-A351 CF8M
2	Body Cap	316SS ASTM-A351 CF8M
3	Ball	316SS ASTM-A351 CF8M
4	Seat	Reinforced PTFE
5	Stem	AISI 316 SS
6	Seal	Reinforced PTFE
7	Thrust Washer	Reinforced PTFE
8	Packing	Reinforced PTFE
9	Gland Nut	AISI 304SS
10/11	Nut & Washer	AISI 304SS
12	Handle	AISI 304SS
13	Plastic Cover	Plastic

SS = Stainless Steel

316 SS MINI BALL VALVES

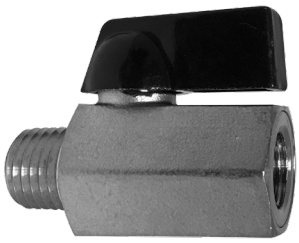
STAINLESS STEEL MIN BALL VALVES

- 316 Stainless Steel
- Working pressure 400PSI
- Working Temperature -10°C to 150°C



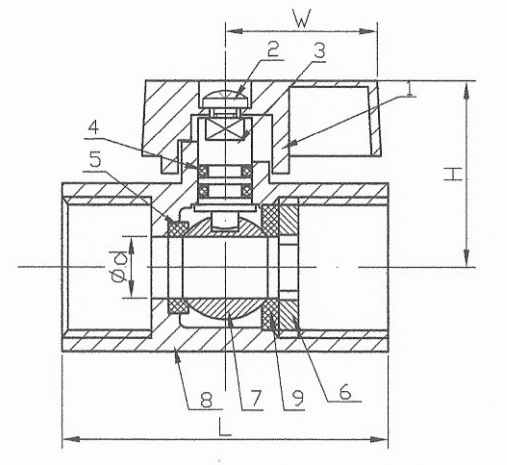
FEMALE PIPE x FEMALE PIPE

Part#	Size	W	D	H	L	Weight	Case	List Price
46934SS	1/8"	.898	.197	.985	1.693	.18	150	19.50
46935SS	1/4"	.898	.276	.984	1.693	.21	150	19.50
46936SS	3/8"	.898	.276	.984	1.693	.19	150	20.46
46937SS	1/2"	.898	.362	1.114	1.811	.26	100	25.19



MALE PIPE x FEMALE PIPE

Part#	Size	W	D	H	L	Weight	Case	List Price
46930SS	1/8"	.898	.197	.985	1.693	.18	150	18.53
46931SS	1/4"	.898	.276	.984	1.693	.18	150	18.53
46932SS	3/8"	.898	.276	.984	1.693	.19	150	19.44
46933SS	1/2"	.898	.362	1.114	1.811	.26	100	24.56



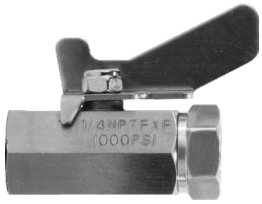
NO	Part	Material	QTY
1	LEVER	ALUMINIUM ALLOY	1
2	BOLT	304	1
3	STEM	304/ 316	1
4	"O" RING	NBR	1~2
5	BALL SEAT (A)	PTFE	1
6	CAP	CF8/ CF8M	1
7	BALL	CF8/ CF8M	1
8	BODY	CF8/ CF8M	1
9	BALL SEAT (B)	PTFE	1

MINI STAINLESS STEEL BALL VALVE ,WITH BUTTERFLY HANDLE

NEW

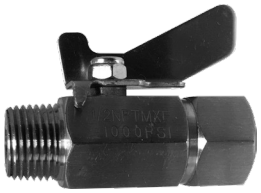
1000PSI WOG , 150PSI WSP
Temperature Range: -36°F to + 368°F
Full Port for 1/4" , Standard port for 3/8" and 1/2"
316 Stainless Steel body and Ball
Teflon seats and sealing

- Viton O-Ring
- #316 Stainless Steel
- Made in China



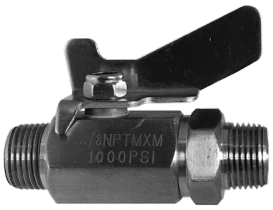
FEMALE PIPE X FEMALE PIPE

Part #	Size FIP x FIP	Dimensions in d	L	B (Hex)	H	WTG	Box	List Price
46-922SS	1/4"×1/4"	0.314"	2.15"	22.1/0.87"	1.5"	0.33	36	44.20
46-923SS	3/8"×3/8"	0.314"	2.27"	22.1/0.87"	1.5"	0.39	36	44.20
46-924SS	1/2"×1/2"	0.314"	2.63"	24.9/0.98"	1.5"	0.56	36	57.85



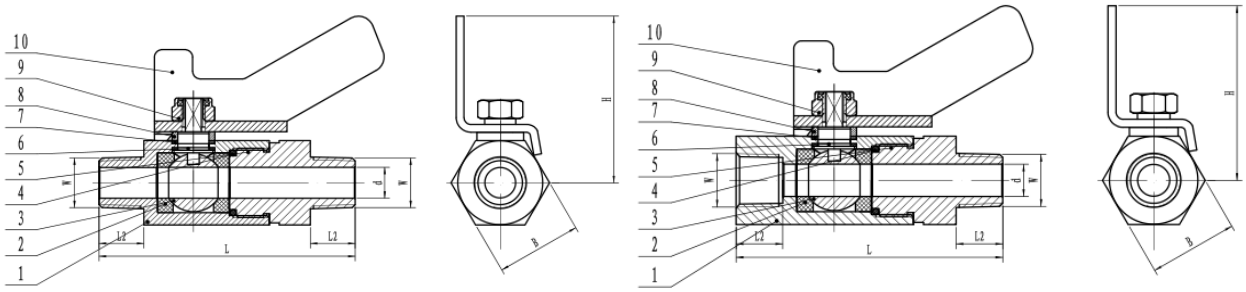
MALE PIPE X FEMALE PIPE

Part #	Size MIP x FIP	Dimensions in d	L	B (Hex)	H	WTG	Box	List Price
46-903SS	1/4"×1/4"	0.314"	2.59"	0.87"	1.5"	0.39	36	45.11
46-904SS	3/8"×3/8"	0.314"	2.59"	0.87"	1.5"	0.36	36	45.11
46-905SS	1/2"×1/2"	0.314"	2.93"	0.98"	1.5"	0.56	36	59.02



MALE PIPE X MALE PIPE

Part #	Size MIP x MIP	Dimensions in d	L	B (Hex)	H	WTG	Box	List Price
46-912SS	1/4"×1/4"	0.314"	2.59"	0.87"	1.5"	0.33	36	46.41
46-913SS	3/8"×3/8"	0.314"	2.59"	0.87"	1.5"	0.34	36	46.41
46-914SS	1/2"×1/2"	0.314"	3.07"	0.98"	1.5"	0.63	36	60.78



Part #	Part Name	Material
1	Body	S316
2	Seat	PTFE
3	Ball	S316
4	O-Ring	Viton
5	Cap	S316
6	Stem	S316
7	Stem Bottom Seal	PTFE
8	Stem Up Seal	PTFE
9	Nut	Steel
10	Handle	Steel

#304 STAINLESS STEEL

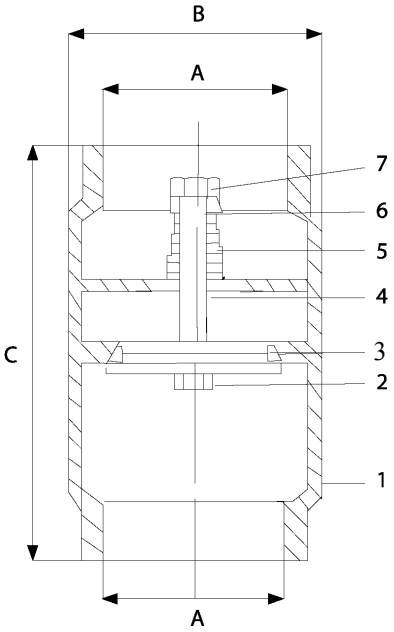
CHECK VALVE

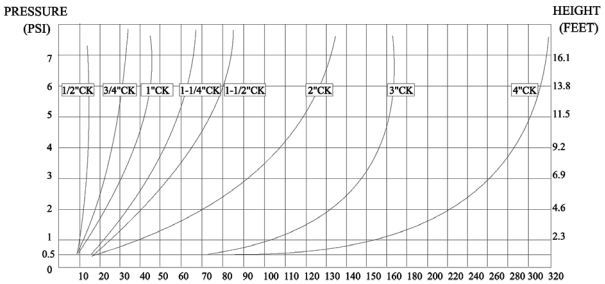
- No Lead.
- Water wells need a check valve installed above the pumps between lengths of drop pipes.
- Opens & Closes with flow of media.
- No cracking pressure.
- Working pressure unavailable.
- Made in Taiwan

Dimensions (Inches)

Part#	Size	A NPT	B	C	Box/Case	List Price
949-430	1/2"	1/2"	1.26	2.43	10/100	37.68
949-431	3/4"	3/4"	1.50	2.72	10/80	52.04
949-432	1"	1"	1.77	3.23	10/60	65.24

More sizes available on a special order basis.





FLOW RATE GALLONS PER MINUTE

NO	Part	Material
1	Body	S.S 304
2	Stopper	S.S 304
3	O-Ring	Viton
4	Washer	PE
5	Spring	S.S 304
6	Cap	S.S 304
7	Nut	S.S 304

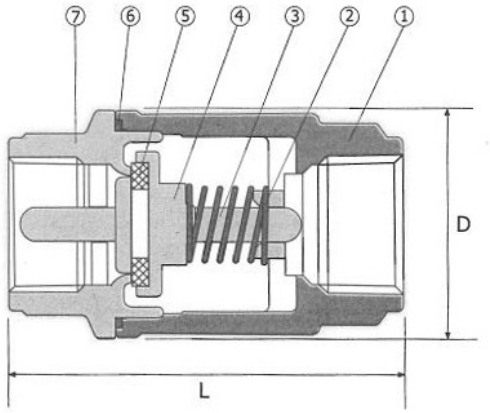
STAINLESS STEEL IN-LINE CHECK VALVE

High Capacity, Size 1/4"-2" 800 WOG

- Soft PTFE Seat for Bubble Tight Shutoff, Spring Loaded for Fast Seating Action
- Low Cracking Pressure 1/2 psi.
- Flow Profile Designed to Minimize Head Loss.
- Perfect Seating both at High and Low Pressure, Wide Temperature Range: +10° to 450°F.
- Corrosion Resistant-Excellent for use on Chemicals.
- ASTM A351-CF8M Investment Casting.
- Connection: FNPT x FNPT.
- 125WSP Saturated Steam.
- ANSI B1.20.1 Threads.
- Dual Guided Stem & Disc.
- Made in Italy

Stainless Steel In-Line Check

Part#	Size	D	L	psi	Lbs	List
949-401	1/4"	1.35	2.31	800	0.42	145.00
949-402	3/8"	1.35	2.31	800	0.42	145.00
949-403	1/2"	1.35	2.31	800	0.40	157.53
949-404	3/4"	1.81	2.87	800	0.85	215.00
949-405	1"	2.13	3.50	800	1.30	248.76
949-406	1-1/4"	2.46	4.18	800	2.50	496.88
949-407	1-1/2"	2.88	4.93	800	3.40	690.63
949-408	2"	3.56	6.00	800	6.0	1012.75

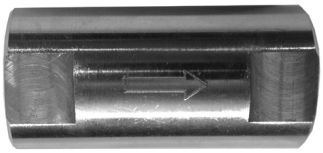


NO	Part	Material	PCS
1	BODY	ASTM A351-CF8M	1
2	SPRING	SS316	1
3	CENTER GUIDE	ASTM A351-CF8M	1
4	DISC	ASTM A351-CF8M	1
5	SEAT	PTFE	1
6	GASKET	PTFE	1
7	END CAP	ASTM A351-CF8M	1

SPRING CHECK VALVE

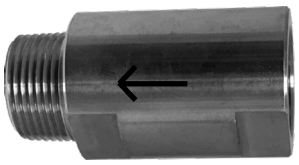
- Working Pressure: 1500PSI (PN100)
- Working Temperature: -10 -150°C
- Opening Pressure: 2~3PSI
- Suitable Medium: W.O.G.
- Threaded End: NPT
- Made in China

FEMALE PIPE x FEMALE PIPE



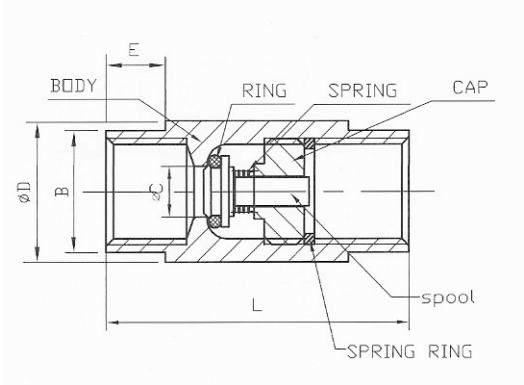
Part#	Size	L	C	D	B	E	lbs/ pc	Case	List Price
949-451	1/4"	2.165	.217	.748	.699	.394	.19	200	30.24
949-452	3/8"	2.165	.295	.866	.787	.394	.21	160	30.24
949-453	1/2"	2.165	.413	1.063	.945	.472	.31	100	34.92
949-454	3/4"	2.677	.591	1.417	1.26	.472	.71	60	50.70
949-455	1"	3.268	.787	1.693	1.496	.591	1.14	36	68.28

MALE PIPE x FEMALE PIPE



Part#	Size	L	C	D	B	E	lbs/ pc	Case	List Price
949-471	1/4"	2.165	.217	.748	.699	.394	.176	200	30.24
949-472	3/8"	2.165	.295	.866	.787	.394	.22	160	30.24
949-473	1/2"	2.165	.413	1.063	.945	.472	.27	100	34.92
949-474	3/4"	2.677	.591	1.417	1.26	.472	.62	65	50.70
949-475	1"	3.268	.787	1.693	1.496	.591	1.05	40	68.28

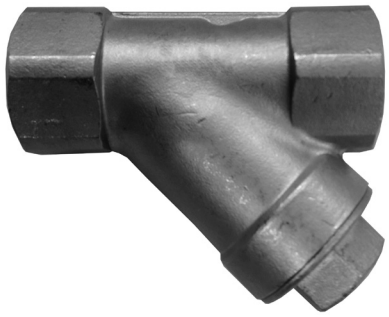
FLOWS MALE -> FEMALE



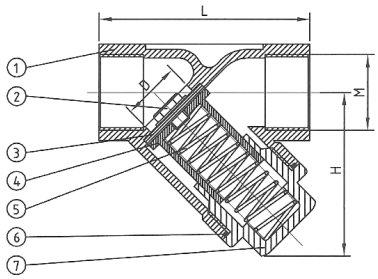
NO	Part	Material	QTY
1	BODY	316	1
2	RING	Rubber	1
3	SPRING	304	1
4	CAP	CF8M	1
5	SPOOL	304/316	1
6	SPRING RING	304	1

Y-SPRING CHECK VALVE

- Working Pressure: 800PSI (PN55)
- Working Temperature: -10 -150°C
- Opening Pressure: 1.5PSI
- Suitable Medium: W.O.G.
- Made in China



Part#	Size	L	H	D	lbs/ pc	Case	List Price
949-481	1/4"	2.559	1.661	.472	.44	70	35.10
949-482	3/8"	2.559	1.661	.472	.51	70	35.10
949-483	1/2"	2.559	1.634	.591	.51	100	39.00
949-484	3/4"	3.15	2.067	.787	.93	80	63.42
949-485	1"	3.543	2.657	.984	1.25	40	102.42
949-486	1-1/4"	4.134	2.795	1.26	2.20	30	117.06
949-487	1-1/2"	4.724	3.169	1.575	3.24	24	156.06
949-488	2"	5.512	3.74	1.969	5.21	10	224.34

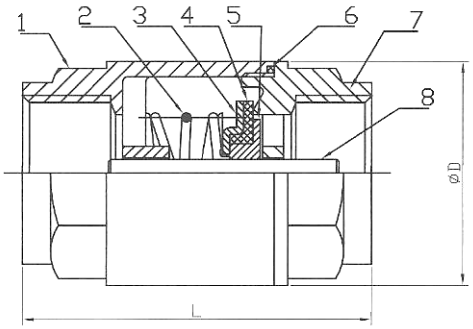


NO	Part	Material	QTY
1	BODY	CF8M/ CF8	1
2	BOLT	304	1
3	SEAT	Teflon	1
4	DISC	304	1
5	SPRING	304	1
6	GASKET	Teflon	1
7	CAP	CF8M/ CF8	1

2PC BARREL TYPE SPRING CHECK VALVE

- Working Pressure: 300PSI (PN20)
- Working Temperature: -10 -120°C
- Opening Pressure: 2PSI
- Suitable Medium: W.O.G.
- Threaded end: NPT
- Made in China

Part#	Size	L	D	lbs/pc	Case	List Price
949-441	1/4"	2.00	1.142	.27	100	30.24
949-442	3/8"	2.00	1.142	.24	100	30.24
949-443	1/2"	2.24	1.28	.36	100	34.92
949-444	3/4"	2.44	1.594	.54	60	45.84
949-445	1"	2.95	1.89	.88	30	66.30
949-446	1-1/4"	3.23	2.362	1.39	18	81.90
949-447	1-1/2"	3.46	2.756	1.81	25	113.16
949-448	2"	3.94	3.425	2.86	14	175.56

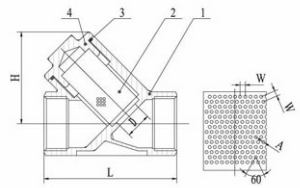


NO	Part	Material	QTY
1	BODY	CF8M/ CF8	1
2	BOLT	304	1
3	SEAT	PTFE	1
4	DISC	304	1
5	SPRING	316/ 304	1
6	GASKET	PTFE	1
7	CAP	CF8M/ CF8	1

316 SS MISCELLANEOUS VALVES

#316 SS Y STRAINER

- Investment Castings for Body
- Pressure Rating: 800PSI (PN40)
- Threaded Ends: ANSI B2.1
- Material: CF8M (#316 SS)
- Pressure Test: API 598
- Made in China



- 40 Mesh screen

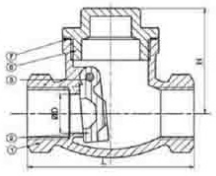
	Part	Material	QTY
1	BODY	CF8M	1
2	SCREEN	SS316	1
3	JOINT GASKET	PTFE	1
4	BONNET	CF8M	1

Part #	Size	d	L	H	W	ØA	Kgs	List Price
949-521	1/4"	10	50	51	2	1	0.20	27.41
949-522	3/8"	12	50	51	2	1	0.17	27.41
949-523	1/2"	15	58	51	2	1	0.20	28.50
949-524	3/4"	20	65	60	2	1	0.33	37.85
949-525	1"	25	80	72	2	1	0.58	57.06
949-526	1-1/4"	32	92	77	2	1	0.75	68.09
949-527	1-1/2"	40	105	87	2	1	1.05	93.42
949-528	2"	50	125	102	2	1	1.57	128.88

316 SS SWING CHECK VALVE

- 200PSI(PN16)
- Threaded Ends: ANSI B2.1
- Material: CF8M (#316 SS)
- Pressure Test: API 598
- Made in China

	Part	Material	QTY
1	BODY	CF8M	1
2	DISC	CF8M	1
3	PIPE PLUG	CF8	1
4	SCREW	CF8	1
5	SCREW GASKET	PTFE	1
6	CAP	CF8M	1
7	CAP GASKET	PTFE	1



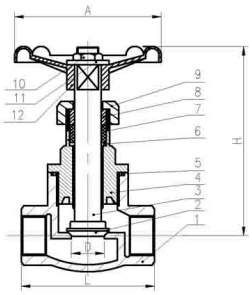
Part #	Size	D	L	H	Kgs	List Price
949-353	1/2"	15	63	40	0.21	39.86
949-354	3/4"	20	78	45	0.35	49.42
949-355	1"	25	85	50	0.46	64.02
949-356	1-1/4"	32	100	56	0.73	75.93
949-357	1-1/2"	40	112	61	0.95	126.15
949-358	2"	50	132	70	1.32	146.04

CF8 = 304SS
CF8M = 316SS

316 SS GLOBE VALVES

- 200PSI(PN16)
- Threaded Ends: ANSI B2.1
- Material: CF8M (#316 SS)
- Pressure Test: API 598
- Made in China

	Part	Material	QTY
1	BODY	CF8M	1
2	DISC	CF8M	1
3	STEM	304SS	1
4	CAP	CF8M	1
5	SEAL	PTFE	1
6	GASKET	304SS	1
7	PACKING	PTFE	1
8	GASKET	CF8	1
9	GLAND	304SS	1
10	NUT	304SS	1
11	SPRING WASHER	CF8	1
12	HANDLE WHEEL	Steel	1

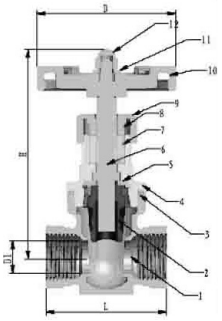


Part #	Size	L	Kgs	List Price
949-303	1/2	58	0.31	34.33
949-304	3/4	68	0.45	44.72
949-305	1	78	0.61	62.43
949-306	1-1/4	88	0.95	88.45
949-307	1-1/2	102	1.32	69.31
949-308	2	115	1.93	156.08

316 SS GATE VALVES

- 200PSI(PN16)
- Threaded Ends: ANSI B2.1
- Material: CF8M (#316 SS)
- Pressure Test: API 598
- Made in China

	Part	Material	QTY
1	BODY	CF8M	1
2	DISC	CF8M	1
3	SEAL	CF8M	1
4	CAP	CF8M	1
5	SEAL	PTFE	1
6	STEM	304SS	1
7	SEAL	PTFE	1
8	GLAND	304SS	1
9	NUT	304SS	1
10	HANDLE WHEEL	Steel	1
11	GASKET	PTFE	1
12	CAP NUT	CF8	1



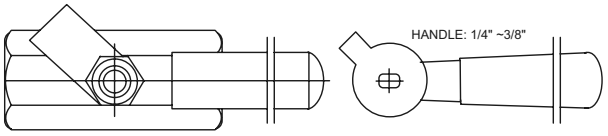
Part #	Size	L	D	D1	H	Kgs	List Price
949-253	1/2	42	58	14	85	0.265	37.45
949-254	3/4	47	58	19	95	0.335	46.79
949-255	1	54	72	24	105	0.510	63.70
949-256	1-1/4	62	72	30	110	0.686	95.49
949-257	1-1/2	64	98	38	135	1.055	121.75
949-258	2	75	98	47	150	1.45	177.95

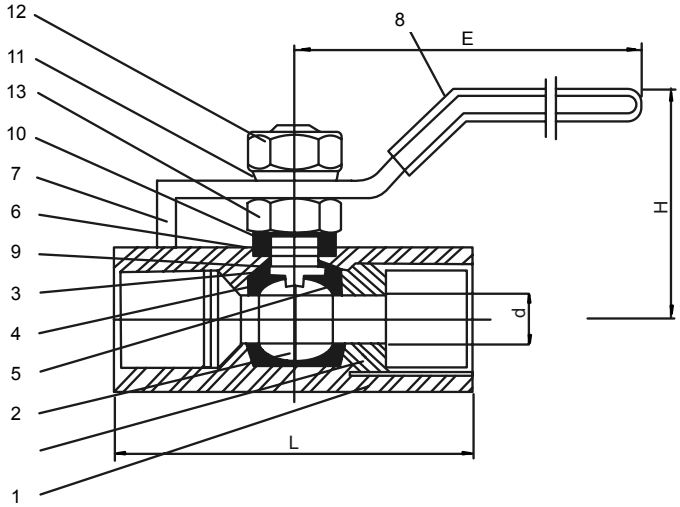
STANDARD PORT CARBON STEEL BALL VALVE

- For chemical and industrial applications.
- Blow-out proof stem design.
- 100% air tested under water, at 100 psi, open and closed positions.
- Made in China
- Generic handles

SPECIFICATIONS

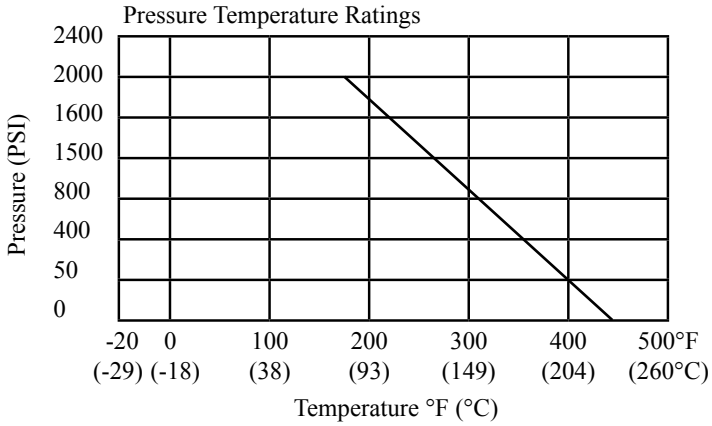
- Working Pressure: 1/4" ~ 1" 2000 psi WOG,
  1-1/4" ~ 2" 1500 psi WOG,
- Temperature Range: -60^0 to 450^{0}F
- End types: Threaded
- 1 piece ball valve
- Reinforced PTFE seat





2000 PSI STANDARD PORT

Part #	Size	d	H	E	L	WTG	Box/ Case	List Price
949-121	1/4	.20	1.38	2.95	1.71	0.25	24/96	44.28
949-122	3/8	.28	1.46	2.95	1.87	0.40	100/200	45.58
949-123	1/2	.36	2.36	4.53	2.20	0.75	50/100	47.94
949-124	3/4	.49	2.72	4.53	2.58	1.06	50/100	49.96
949-125	1	.59	2.95	5.12	3.19	2.09	25/50	63.30
949-126	1-1/4	.78	3.07	5.12	3.62	2.99	15/30	109.08
949-127	1-1/2	0.98	3.39	5.91	3.78	4.11	15/30	120.33
949-128	2	1.26	3.86	5.91	4.49	6.50	10/20	204.69



Item	Parts	Material
1	Body	ASTM A216 WCB
2	Ball	ASTM A351 CF8
3	Stem	304
4	Ball Seat	PTFE
5	Cap Seal	PTFE
6	Packing	PTFE
7	Handle	SS304
8	Handle Sleeve	Vinyl Grip
9	Thrust Washer	PTFE
10	Gland	SS304
11	Washer	SS304
12	Handle Nut	SS304
13	Stem Nut	SS304

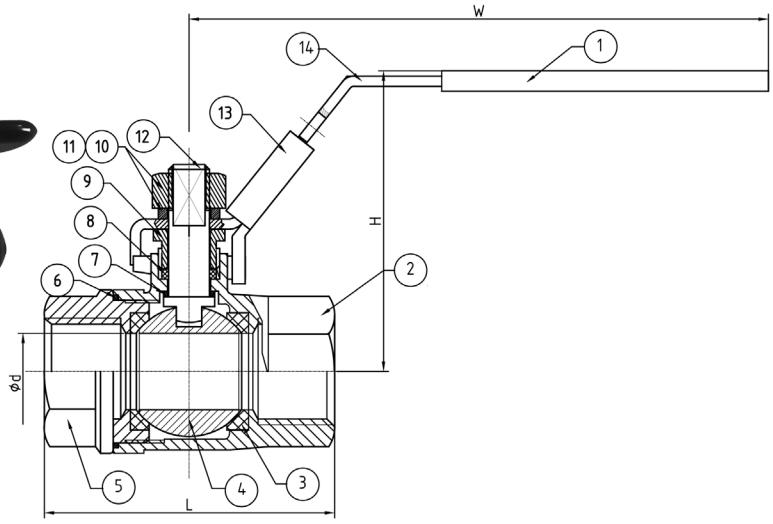
2000 PSI CARBON STEEL 2PC FULL PORT BALL VALVE

• 2 PIECE

NEW

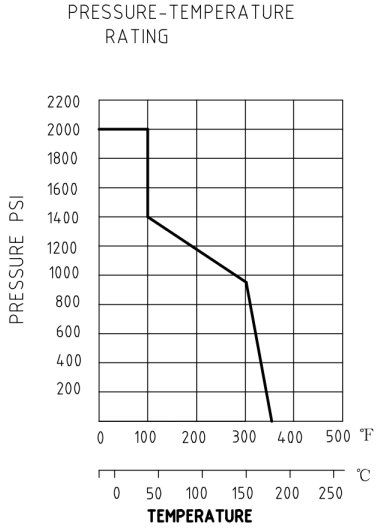
SPECIFICATIONS

- Working Pressure: 2000 PSI (138 Bar)
- Temperature Range: -10° C-150° C
- Suitable medium: WOG
- Threaded End conforms to ANSI B1.20.1
- Made in China
- Generic handle



2000 PSI FULL PORT

Part #	Size	d	L	H	W	WTG	Box/ Case	List Price
949-111	1/4	0.36	2.13	2.13	4.33	0.59	24/96	48.15
949-112	3/8	0.50	2.13	2.17	4.33	0.59	100/200	48.15
949-113	1/2	0.59	2.24	2.28	4.53	0.75	50/100	53.12
949-114	3/4	0.79	2.76	2.40	4.53	1.17	50/100	58.63
949-115	1	0.98	3.25	3.03	5.04	1.88	25/50	67.60
949-116	1-1/4	1.26	3.58	3.19	5.04	2.45	15/30	119.58
949-117	1-1/2	1.50	4.06	3.54	6.10	4.06	15/30	131.32
949-118	2	1.97	4.90	4.25	6.10	7.10	10/20	225.86



Item	Parts	Material
1	Handle cover	Plastic
2	Body	CF8M
3	Ball seat	PTFE
4	Ball	CF8M
5	Cap	CF8M
6	Joint gasket	PTFE
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland nut	304
10	Spring washer	304
11	Stem nut	304
12	Stem	316
13	Lock device	304
14	Handle	304

FULL PORT Two-Way

BKH

Part Number	Thread	Working Pressure	List Price
GE2-14-NPT	1/4" NPT	7250 PSI	53.81
GE2-38-NPT	3/8" NPT	7250 PSI	52.65
GE2-12-NPT	1/2" NPT	7250 PSI	66.95
GE2-34-NPT	3/4" NPT	5800 PSI	128.15
GE2-1-NPT	1" NPT	5075 PSI	160.20
GE2-114T-NPT*	1-1/4" NPT	5000 PSI	188.10
GE2-112T-NPT*	1-1/2" NPT	5000 PSI	250.00
GE2-2T-NPT	2" NPT	5000 PSI	428.57

Part Number	Thread	Working Pressure	List Price
GE2-04-SAE	7/16-20 UNF	7250 PSI	53.80
GE2-06-SAE	9/16-18 UNF	7250 PSI	54.82
GE2-08-SAE	3/4-16 UNF	7250 PSI	75.53
GE2-12-SAE	1-1/16-12 UNF	5800 PSI	115.52
GE2-16-SAE	1-5/16-12 UNF	5000 PSI	145.31
GB2-20T-SAE	1-5/8-12 UNF	5000 PSI	251.32
GB2-24T-SAE	1-7/8-12 UNF	5000 PSI	309.52
GB2-32T-SAE	2-1/2-12 UNF	5000 PSI	575.20

*** Reduced Port**

Temp Rating = -22° - 212°F

Construction: Steel Body, Ball, Stem
Zinc Chromate Plate
Buna "O" Rings (Viton on request)
Delrin Ball Seats

FULL PORT Three-Way

BK3

Part Number	Thread	Working Pressure	List Price
GE3L-14-NPT	1/4" NPT	5880 PSI	142.86
GE3L-38-NPT	3/8" NPT	5880 PSI	108.84
GE3L-12-NPT	1/2" NPT	5145 PSI	116.10
GE3L-34-NPT	3/4" NPT	5145 PSI	167.62
GE3L-1-NPT	1" NPT	5145 PSI	203.17
GE3L-114T-NPT	1 1/4" NPT	4500 PSI	1073.92
GE3L-112T-NPT	1 1/2" NPT	4500 PSI	1362.36
GE3L-2T-NPT	2" NPT	4500 PSI	1456.69

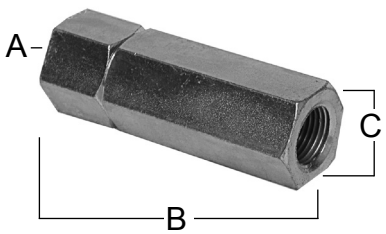
Part Number	Thread	Working Pressure	List Price
GE3L-04-SAE	7/16-20 UNF	5880 PSI	177.72
GE3L-06-SAE	9/16-18 UNF	5880 PSI	185.79
GE3L-08-SAE	3/4-16 UNF	5145 PSI	222.15
GE3L-12-SAE	1-1/16-12 UNF	5145 PSI	179.95
GE3L-16-SAE	1-5/16-12 UNF	5145 PSI	214.06
GB3L-20T-SAE	1-5/8-12 UNF	4500 PSI	1654.09
GB3L-24T-SAE	1-7/8-12 UNF	4500 PSI	1768.90
GB3L-32T-SAE	2-1/2-12 UNF	4500 PSI	2054.00

Temp Rating = -22° - 212°F

Construction: Steel Body, Ball, Stem
Zinc Chromate Plate
Buna "O" Rings (Viton on request)
Delrin Ball Seats

CHECK VALVES - HARD SEAT CARBON STEEL CONSTRUCTION - 5lb Cracking Pressure

• w/ NPT threads



A (NPT Female both ends)

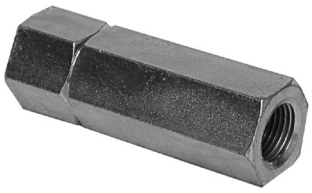
Part #	A Size	B Inches	C Inches	Rated Flow gpm	PSI	List Price
100025	1/4 NPT	2.44	.87	6	5,000	38.52
100035	3/8 NPT	2.87	1.00	10	5,000	44.85
100045	1/2 NPT	3.76	1.26	18	5,000	60.35
100065	3/4 NPT	4.30	1.50	30	5,000	81.00
100085	1 NPT	5.12	1.69	36	5,000	118.92
1000105	1-1/4 NPT	5.56	2.40	50	3,000	281.14
1000125	1-1/2 NPT	5.56	2.56	60	3,000	138.86

CHECK VALVES - HARD SEAT CARBON STEEL CONSTRUCTION - 65lb Cracking Pressure

Part #	A Size	B Inches	C Inches	Rated Flow gpm	PSI	List Price
1000265	1/4	2.56	.87	6	5,000	35.00
1000365	3/8	2.91	.94	10	5,000	43.00
1000465	1/2	3.74	1.18	18	5,000	55.00
1000665	3/4	4.29	1.50	30	5,000	80.95
1000865	1	5.00	1.81	36	5,000	112.00
10001065	1-1/4	5.20	2.41	50	3,000	158.00
10001265	1-1/2	5.20	2.56	60	3,000	162.00

CHECK VALVES - 5lb Cracking Pressure

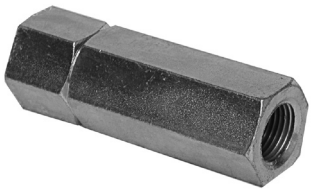
• w/ SAE threads



Part #	A Size	B Inches	C Inches	Rated Flow gpm	PSI	List Price
100145	7/16-20 SAE	2.56	.87	6	5,000	32.00
100165	9/16-18 SAE	2.91	.94	10	5,000	45.45
100185	3/4-16 SAE	3.74	1.18	18	5,000	55.16
1001125	1-1/6-12 SAE	4.29	1.50	30	3,000	103.84
1001165	1-5/16-12 SAE	5.00	1.81	36	3,000	113.09
1001205	1-5/8-12 SAE	5.20	2.41	50	3,000	235.83
1001245	1-7/8-12 SAE	5.20	2.56	60	3,000	161.96

CHECK VALVES - 65lb Cracking Pressure

• w/ SAE threads



Part #	A Size	B Inches	C Inches	Rated Flow gpm	PSI	List Price
1001465	7/16-20 SAE	2.56	.87	6	5,000	37.00
1001665	9/16-18 SAE	2.91	.94	10	5,000	45.00
1001865	3/4-16 SAE	3.74	1.18	18	5,000	58.00
10011265	1-1/6-12 SAE	4.29	1.50	30	3,000	87.00
10011665	1-5/16-12 SAE	5.00	1.81	36	3,000	123.00
10012065	1-5/8-12 SAE	5.20	2.41	50	3,000	175.00
10012465	1-7/8-12 SAE	5.20	2.56	60	3,000	179.00

Rated Pressure: Sizes 2 thru 8 - 5000 psi / Sizes 10 thru 24 - 3000 psi

• Soft Seat available by special quote

WHITE PVC BALL VALVES

•Quarter turn
•Solvent ends comply with ASTM D2466
•Designed for use in residential, commercial & industrial system as well as waste water, chemical, agricultural applications, marine, food processing, swimming pools.
•Corrosion resistant
•EPDM seal • FULL PORT •EPDM O-ring
•Fits both Sch. 40 & 80 pipe •NSF approved
•Rated for 150 PSI at 73°F • Threaded ends comply with ANSI B1.20.1

MOLDED IN PLACE - WHITE PIPE THREADS

Part#	Size	Case	List Price
940-284	1/2"	100	4.93
940-285	3/4"	100	7.85
940-286	1"	100	11.64
940-287	1-1/4"	100	21.99
940-288	1-1/2"	48	20.40
940-289	2"	24	35.60
940-291	3"	12	138.74
940-292	4"	6	193.12

WHITE SOCKET - SLIP X SLIP

Part #	Size	Case	List Price
940-294	1/2"	100	5.97
940-295	3/4"	100	8.33
940-296	1"	100	12.32
940-297	1-1/4"	100	21.06
940-298	1-1/2"	48	25.51
940-299	2"	24	29.03
940-300	2-1/2"	12	102.83
940-301	3"	12	136.84
940-302	4"	6	259.71

GREY PVC BALL VALVES

FEATURES

- Sizes range from 1/2" to 4"
- Excellent flow characteristics
- Leak-tight shut-off
- EPPM O-Ring
- Test pressure: 225 psi @ 73°F
- Working Pressure: 150 psi @ 73°F

FIP X FIP THREADED BALL VALVE

Part #	Size	Case	List Price
899000	1/2"	100	15.93
899001	3/4"	100	16.08
899002	1"	100	22.83
899003	1-1/4"	100	28.57
899004	1-1/2"	48	47.71
899005	2"	24	60.02

SLIP X SLIP BALL VALVE

Part #	Size	Case	List Price
899050	1/2"	100	15.03
899051	3/4"	100	17.28
899052	1"	100	20.60
899053	1-1/4"	100	25.04
899054	1-1/2"	48	53.69
899055	2"	24	67.22

INLINE PLASTIC SPRING CHECK VALVE

Socket x Socket

• 200 PSI working pressure @ 77°F .5 PSI to open.

Part#	Size	List Price
940-325	1/2"	15.37
940-326	3/4"	15.23
940-327	1"	21.73
940-328	1-1/4"	29.13
940-329	1-1/2"	30.65
940-330	2"	36.01

INLINE PLASTIC SPRING CHECK VALVE FEMALE THREADED ENDS

• 200 PSI working pressure @ 77°F .5 PSI to open.

Part#	Size	List Price
940-331	1/2"	14.42
940-332	3/4"	17.06
940-333	1"	20.93
940-334	1-1/4"	29.04
940-335	1-1/2"	52.10
940-336	2"	48.63

PLASTIC DRUM FAUCETS

• Pipe threads to ANSI B1.20.1 • Hose threads to ANSI B 1.20.7

The FLO-RITE faucet has been engineered to meet the demand for greater chemical resistance, using linear polyethylene for the stem.

"FLO-RITE" DRUM FAUCET

Part #	Size	List Price
46-277	3/4"	17.11

DRUM & BARREL FAUCET VALVE

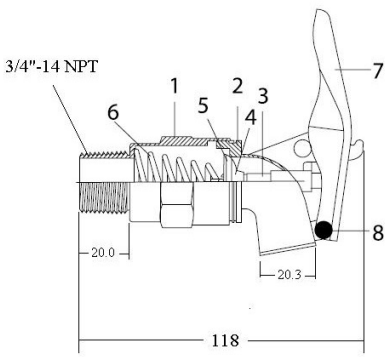
- Die cast body w/ nylon seat and steel spring.
- For use with all petroleum products except trichlorethylene.

G261N

Not suitable for potable water

SELF-CLOSING DRUM & BARREL FAUCET

Part #	Size	List Price
46-270	3/4"	12.87



Part #	Part Name	Material
1	Body	Zinc
2	Bonnet	Zinc
3	Stem	Steel
4	Disc	Plastic
5	Seal	Rubber
6	Spring	Zinc plated steel
7	Handle	Aluminum
8	Rivet	Aluminum