



# Commercial Brochure





## COMMERCIAL BROCHURE

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## INNOVATIVE VALVE SOLUTIONS SINCE 1966

Founded by former Navy Commander Joseph Martin in 1966, and headquartered in Warren, MI, Jomar Valve is a recognized leader in the valve industry, offering innovative solutions for plumbing, HVAC, natural gas, industrial, and actuation applications. Our products carry the most certifications of any valve on the market, and we are committed to continuous growth and improvement.

At Jomar, we are proud to say our company culture is built around our customers' needs. Our dedicated team of professionals, with decades of industry experience, hold a wealth of knowledge and provide customized care and technical solutions every day.

Our production capabilities and strategically placed stocking warehouses across North America enable us to provide industry-leading lead times, fill rates, and local delivery for thousands of SKUs.

Investments in technology, software, and resources - including an e-commerce portal, and hundreds of downloadable BIM and CAD files for our engineering specifications community - make partnering with Jomar convenient.

Today, Jomar Valve is under the ownership of Fratelli Pettinaroli, a third-generation, family-operated ISO 9001 Italian manufacturer with a global presence spanning across more than 60 countries.

United by a shared passion to develop dynamic, high-quality valve solutions to meet the demands of any project, and an unwavering commitment to innovation and excellence, Pettinaroli and Jomar Valve continue to blaze forward together, redefining and elevating the standards of quality products and superior customer care.



JOMAR VALVE HEADQUARTERS, WARREN, MI



PETTINAROLI HEADQUARTERS, NORTHERN ITALY



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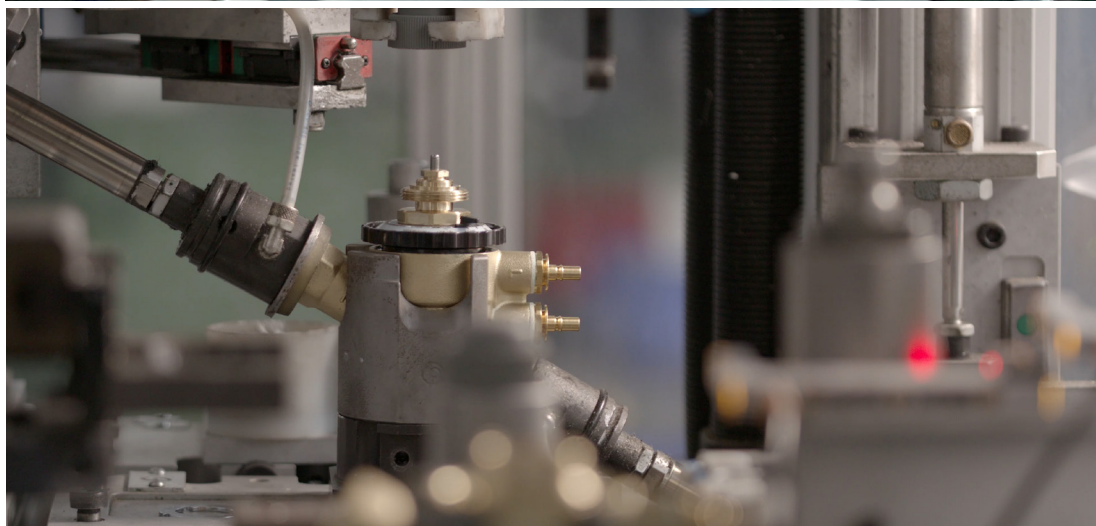
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TO LEARN MORE



## INTRODUCTION

For decades, our industry has been encouraged to specify bronze valves as an alternative to brass valves in applications where corrosion may be a threat. Jomar Valve and its parent company, Fratelli Pettinaroli SpA, have introduced a hot forged brass valve with superior dezincification resistance comparable to traditional bronze.

## THE PROBLEM

Aggressive water can speed up corrosion in copper alloy valves that contain high levels of zinc. A common misconception is that bronze valves are the only reliable option for dezincification resistance.

## THE SOLUTION

Two manufacturing methods can eliminate dezincification in copper based alloys. The first is to decrease zinc, which results in an addition of copper and either silicon or bismuth additives. The second practice involves adding corrosion inhibitors, along with an annealing process, creating an alloy with stronger material and decreased porosity. Through the use of this method, Jomar is able to produce a trusted dezincification resistant brass alloy.

### MOLECULAR STRUCTURES

In brass alloys, there are two molecular structures or phases. The first is Alpha Phase ( $\alpha$ ), which is dezincification resistant. The second is Beta Phase ( $\beta$ ) which is dezincification susceptible. Figure 1 depicts a mixture of both phases in a brass valve,  $\alpha$  being gold and  $\beta$  being brown.

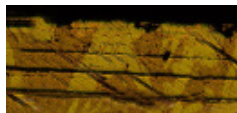
### JOMAR VALVE'S CONTROLLED ANNEALING PROCESS

The composition of Alpha and Beta Phases can be determined by the rate and temperature at which metal alloys are annealed. Through this annealing process, Jomar is able to significantly reduce the Beta Phase from its alloy, leaving a predominantly Alpha Phase alloy. Figure 2 represents the  $\alpha + \beta$  to  $\alpha$  transformation that occurs during the annealing process.

### THE RESULTS

Figure 3.1 and 3.2 are microscopic images at 10X magnification showing the pitting depth at which dezincification occurs. Figure 3.1 shows the depth at which the alloy's zinc has been removed identifying standard brass' susceptibility to dezincification. Figure 3.2 shows Jomar's superior performance against corrosion using its dezincification resistant alloy and controlled heat treatment process.

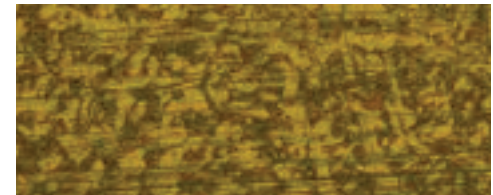
DEZINCIFICATION  
DEPTH TEST



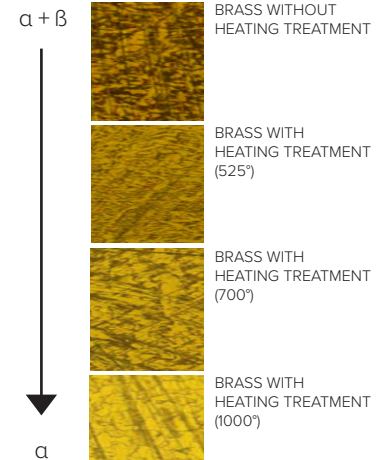
STANDARD BRASS: 375 MICRON  
**FIGURE 3.1**



C27453: 0 MICRON  
**FIGURE 3.2**



**FIGURE 1**

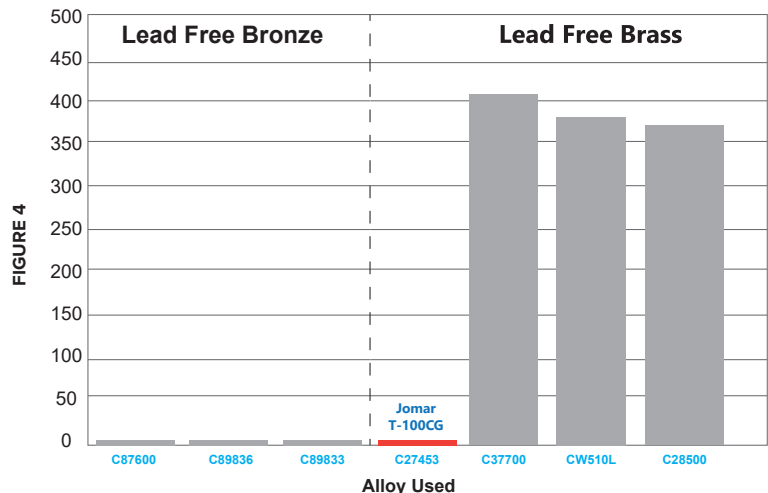


**FIGURE 2**

## CONCLUSION

For years, bronze valve manufactures have maintained that the only way to avoid dezincification is to specify bronze. However, Jomar's heat treated dezincification resistant brass alloy performs the same as bronze in fighting corrosion.

Figure 4 indicates the different dezincification resistance properties of several common alloys. As displayed, both bronze and Jomar's heat treated brass alloy show zero dezincification. In comparison, non-heat treated brass alloys do not pass the ASTM standard for dezincification resistance.





# THE ONLY HEAT-TREATED DZR BALL VALVE ON THE MARKET

JOMAR'S FLAGSHIP T-100 BALL VALVE LINE INCLUDES PREMIUM BENEFITS AS A STANDARD, MAKING IT THE MOST VERSATILE VALVE SOLUTION OUT THERE.

## Certifications and Approvals

The T-100 carries more ratings than any valve on the market. These certifications allow for installation in a wide variety of applications, making it the valve of choice by design engineers.

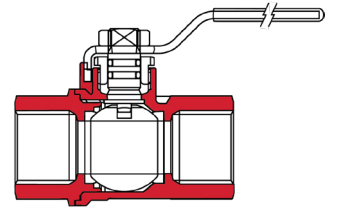


VQGU - Trim and Drain  
MHKZ - Manual Valves  
YQNZ - Compressed Gas  
YRBX - Flammable Liquid  
YRPV - Gas  
YSdT - LP Gas<sup>1</sup>

## NOTABLE FEATURES

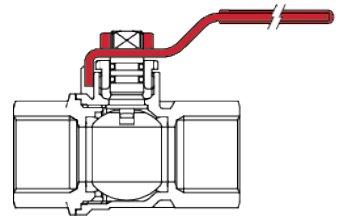
### Heat-Treated DZR Brass Alloy

We offer a heat-treated dezincification-resistant alloy to ensure superior performance in harsh water conditions.



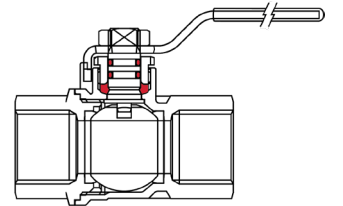
### Geomet® Handle and Nut

Geomet® is a corrosion resistant material applied to the handle and nut, providing better corrosion resistance than industry standard chrome plated steel handles.



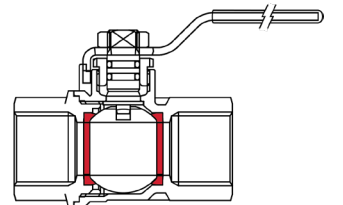
### Triple Stem Seal

All T-100 valves feature a triple stem seal comprised of two FKM O-Rings and a 2nd Gen PTFE packing gland. This guarantees a lifetime warranty for leakage through the stem.



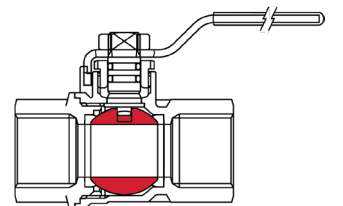
### Second Generation PTFE Seats

Our second generation PTFE G300 has a slightly different chemical make-up than traditional Teflon® (PTFE). This variation in chemical composition provides better seat performance, wider operating temperature ranges, and the highest life cycle of any valve in the industry.

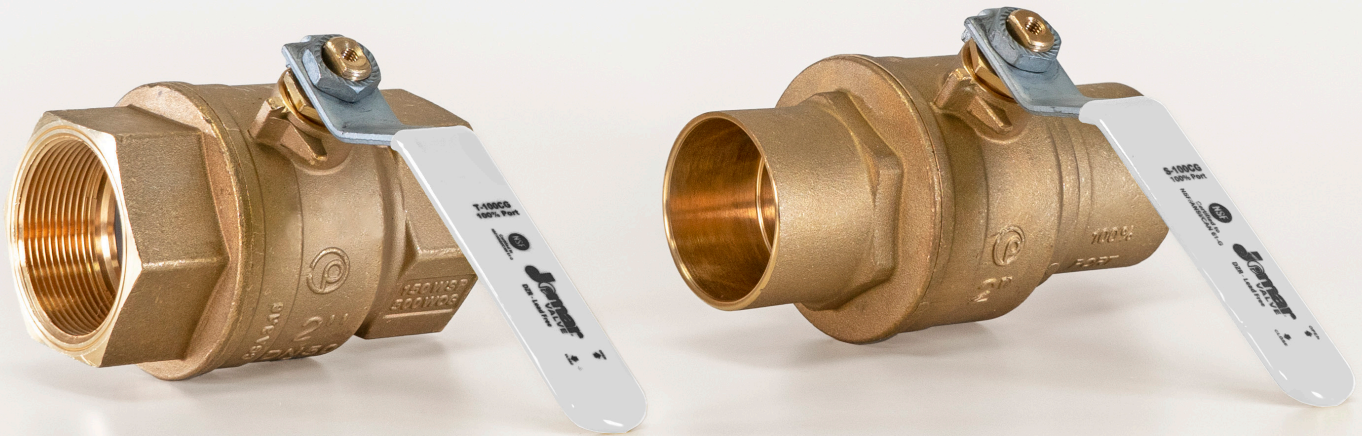


### T.E.A. Coated Ball

T.E.A. is a Ternary Eco Alloy applied to a brass ball increasing its corrosion resistance. T.E.A. is embedded into the ball, as opposed to traditional methods of coating a chrome plated brass ball. This process prevents the possibility of chips or scratches that are susceptible in chrome plating.



# Lead Free Brass Ball Valves



## T/S-100CG

- 100% Italian Made
- 100% Tested
- Buy American Act Compliant
- Heat Treated, Dezincification Resistant, C27453 Lead Free Brass
- Silicon Free, Binary Alloy
- Triple Stem Seal with Lifetime Warranty Against Leakage
- Second Generation PTFE Seats (PTFE G300) with Saturated Steam Rating of 366°F
- Corrosion Resistant Geomet® Handle and Nut
- Ternary Ecological Alloy (T.E.A.)
- Coated Solid Ball for Increased Corrosion Resistance
- NSF 61 & NSF 372 Certified
- CSA Certified
- UL Certified
- MSSP-110
- Multiple Accessory Options
- 1/2" - 4" Sizes Available
- 1/2" - 2" Stainless Steel Trim Optional



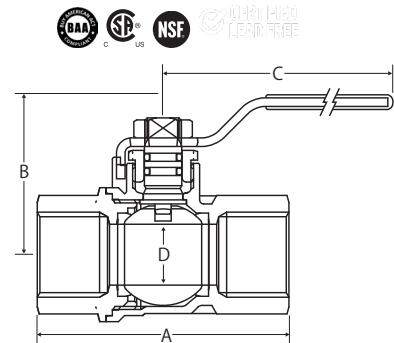
# Lead Free Brass Ball Valves



## T-100CG

2 Piece, Full Port, Threaded Connection, 600 WOG

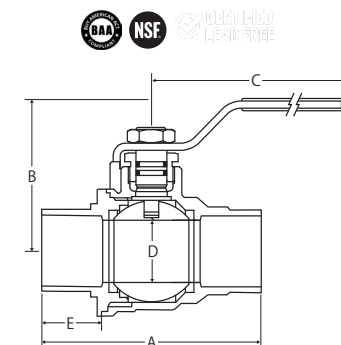
Part No.	Size	A	B	C	D	Cv
100-403G	1/2"	2.45	1.53	2.95	0.59	16.82
100-404G	3/4"	2.71	1.95	3.74	0.79	34.80
100-405G	1"	3.30	2.40	4.75	0.97	52.20
100-406G	1-1/4"	3.80	2.59	4.75	1.23	112.52
100-407G	1-1/2"	4.16	3.22	6.00	1.49	174.00
100-408G	2"	5.00	3.40	6.00	1.99	255.20
100-409G	2-1/2"	6.06	4.60	8.00	2.46	350.32
100-410G	3"	7.08	4.90	8.00	2.99	563.76
100-411G	4"	8.57	5.90	9.88	4.00	879.28



## S-100CG

2 Piece, Full Port, Solder Connection, 600 WOG

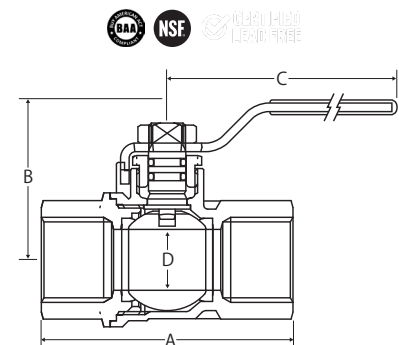
Part No.	Size	A	B	C	D	E	Cv
100-413G	1/2"	2.48	1.56	2.95	0.59	0.51	16.82
100-414G	3/4"	3.26	2.05	3.74	0.79	0.76	34.80
100-415G	1"	3.94	2.55	4.75	0.97	0.92	52.20
100-416G	1-1/4"	4.50	2.66	4.75	1.23	0.98	112.52
100-417G	1-1/2"	5.07	3.31	6.00	1.49	1.10	174.00
100-418G	2"	6.22	3.60	6.00	1.99	1.34	255.20
100-419G	2-1/2"	7.28	4.74	8.00	2.46	1.45	350.32
100-420G	3"	8.48	5.05	8.00	2.99	1.63	563.76
100-421G	4"	10.08	5.90	9.84	4.00	2.20	879.28



## T-100CSSG

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 600 WOG

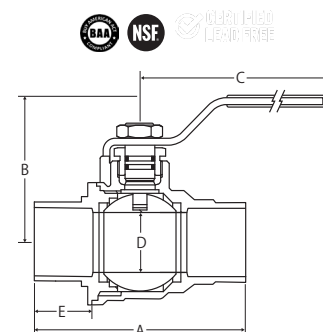
Part No.	Size	A	B	C	D	Cv
100-403SSG	1/2"	2.45	1.53	2.95	0.59	16.82
100-404SSG	3/4"	2.71	1.95	3.74	0.79	34.80
100-405SSG	1"	3.30	2.40	4.75	0.97	52.20
100-406SSG	1-1/4"	3.80	2.59	4.75	1.23	112.52
100-407SSG	1-1/2"	4.16	3.22	6.00	1.49	174.00
100-408SSG	2"	5.00	3.40	6.00	1.99	255.20



## S-100CSSG

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, 600 WOG

Part No.	Size	A	B	C	D	E	Cv
100-413SSG	1/2"	2.48	1.56	2.95	0.59	0.51	16.82
100-414SSG	3/4"	3.26	2.05	3.74	0.79	0.76	34.80
100-415SSG	1"	3.94	2.55	4.75	0.97	0.92	52.20
100-416SSG	1-1/4"	4.50	2.66	4.75	1.23	0.98	112.52
100-417SSG	1-1/2"	5.07	3.31	6.00	1.49	1.10	174.00
100-418SSG	2"	6.22	3.60	6.00	1.99	1.34	255.20



# Lead Free Bronze Ball Valves



## T/S-200CSSG

- C89836 Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified: NSF 61 & NSF 372 & NSF 14
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available
- Available in C84400 Standard Bronze



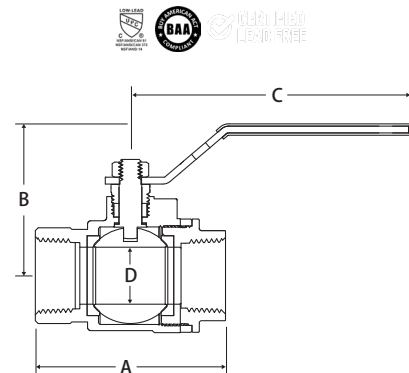
# Lead Free Bronze Ball Valves



## T-200CSSG

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 600 CWP

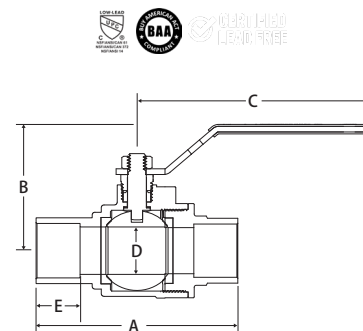
Part No.	Size	A	B	C	D	Cv
200-401SSG	1/4"	1.97	1.87	3.97	0.37	7.66
200-402SSG	3/8"	1.97	1.87	3.97	0.37	7.77
200-403SSG	1/2"	2.43	2.01	3.97	0.50	16.82
200-404SSG	3/4"	2.79	2.46	4.78	0.75	34.80
200-405SSG	1"	3.28	2.62	4.78	0.98	52.20
200-406SSG	1-1/4"	3.68	2.79	7.04	1.24	112.52
200-407SSG	1-1/2"	4.08	4.10	7.04	1.50	174.00
200-408SSG	2"	4.59	4.41	7.04	1.97	255.20
200-409SSG	2-1/2"	6.34	5.85	8.06	2.50	563.76
200-410SSG	3"	7.24	6.20	8.06	2.99	879.28



## S-200CSSG

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, 600 CWP

Part No.	Size	A	B	C	D	E	Cv
200-413SSG	1/2"	2.59	2.01	3.97	0.50	0.50	16.82
200-414SSG	3/4"	3.36	2.46	4.78	0.75	0.75	34.80
200-415SSG	1"	4.19	2.62	4.78	0.98	0.91	52.20
200-416SSG	1-1/4"	4.46	2.79	7.04	1.24	0.97	112.52
200-417SSG	1-1/2"	4.97	4.10	7.04	1.50	1.09	174.00
200-418SSG	2"	6.02	4.40	7.04	1.97	1.34	255.20
200-419SSG	2-1/2"	7.21	5.85	8.06	2.50	1.48	563.76
200-420SSG	3"	8.00	6.20	8.06	2.99	1.66	879.28





## JP-100G & JP-100G XLC

- 100% Italian Made
- 100% Tested
- Buy American Act Compliant
- Heat Treated, Dezincification Resistant, C27453 Lead Free Brass
- Silicon Free, Binary Alloy
- Triple Stem Seal with Lifetime
- Warranty Against Leakage
- Leak Detection O-Ring
- NSF 61 & NSF 372 Certified
- Second Generation PTFE Seats (PTFE G300)
- Corrosion Resistant Geomet® Handle and Nut
- Ternary Ecological Alloy (T.E.A.) Coated Solid Ball for Increased Corrosion Resistance
- Multiple Accessory Options
- ½" - 4" Stainless Steel Trim Optional
- 2 ½" - 4" XLC Available



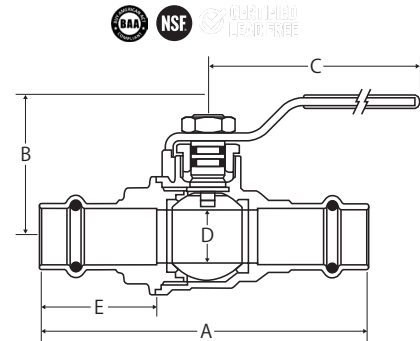
# Lead Free Press Ball Valves



## JP-100G

**2 Piece, Full Port, Press Connection with Leak Detection, 250 WOG**

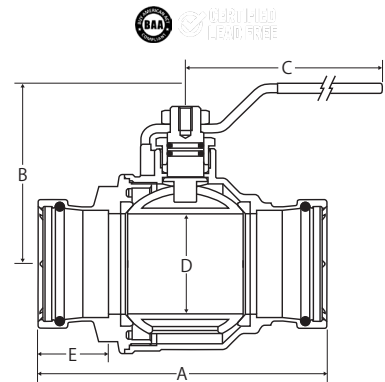
Part No.	Size	A	B	C	D	E	Cv
100-203G	1/2"	3.54	1.53	2.95	0.59	1.24	16.82
100-204G	3/4"	3.84	1.95	3.74	0.79	1.28	34.80
100-205G	1"	4.31	2.40	4.75	0.97	1.38	52.20
100-206G	1-1/4"	4.80	2.59	4.75	1.23	1.30	112.52
100-207G	1-1/2"	5.61	3.22	6.00	1.49	1.50	174.00
100-208G	2"	7.16	3.40	6.00	1.99	2.01	255.20



## JP-100G XLC

**2 Piece, Full Port, Press XLC Connection, 250 WOG**

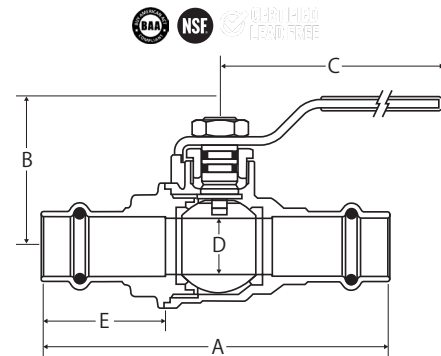
Part No.	Size	A	B	C	D	E	Cv
100-209XLCG	2-1/2"	7.13	4.72	8.00	2.46	1.75	350.32
100-210XLCG	3"	8.49	5.31	8.00	2.99	1.92	563.76
100-211XLCG	4"	10.79	5.90	9.88	4.00	2.22	879.28



## JP-100SSG

**2 Piece, Full Port, Press Connection with Leak Detection, Stainless Steel Trim, 250 WOG**

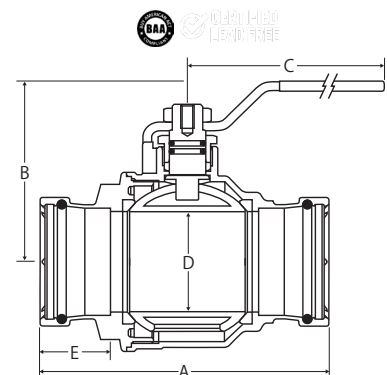
Part No.	Size	A	B	C	D	E	Cv
100-203SSG	1/2"	3.54	1.53	2.95	0.59	1.24	16.82
100-204SSG	3/4"	3.84	1.95	3.74	0.79	1.28	34.80
100-205SSG	1"	4.31	2.40	4.75	0.97	1.38	52.20
100-206SSG	1-1/4"	4.80	2.59	4.75	1.23	1.30	112.52
100-207SSG	1-1/2"	5.61	3.22	6.00	1.49	1.50	174.00
100-208SSG	2"	7.16	3.40	6.00	1.99	2.01	255.20



## JP-100SSG XLC

**2 Piece, Full Port, Press XLC Connection, Stainless Steel Trim, 200 WOG**

Part No.	Size	A	B	C	D	E	Cv
100-209XLCSSG	2-1/2"	7.13	4.72	8.00	2.46	1.75	350.32
100-210XLCSSG	3"	8.49	5.31	8.00	2.99	1.92	563.76
100-211XLCSSG	4"	10.79	5.90	9.88	4.00	2.22	879.28





## T-100 Series

- 100% Italian Made
- 100% Tested
- Buy American Act Compliant
- Silicone Free
- Triple Stem Seal with Lifetime Warranty
- Second Generation PTFE Seats with Saturated Steam Rating of 366°F
- Ternary Ecological Alloy (T.E.A) Coated Solid Ball for Increased Corrosion Resistance
- Corrosion Resistant Geomet® Handle and Nut
- More Gas Certifications Than Any Other Valve in the Industry
- FNPT and MNPT CSA Certified
- FNPT and Solder UL Certified
- FNPT, Solder and MNPT FM Certified
- MSSP-110
- Multiple Accessory Options
- 1/4" - 4" Available

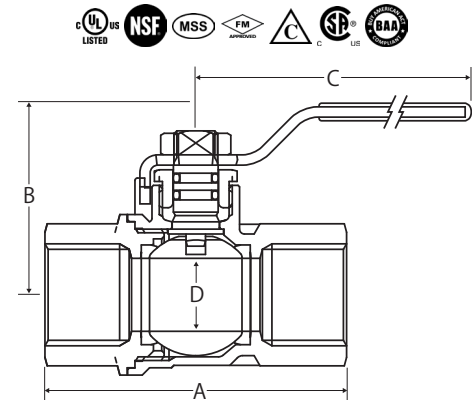
# Brass Ball Valves



## T-100NE

2 Piece, Full Port, Threaded Connection, 600 WOG

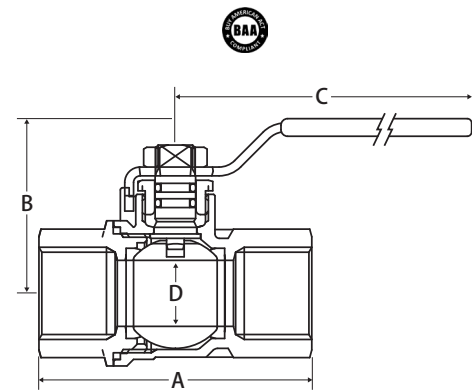
Part No.	Size	A	B	C	D	Cv
100-701	1/4"	1.86	1.41	2.95	0.39	7.66
100-702	3/8"	1.86	1.41	2.95	0.39	7.77
100-703	1/2"	2.45	1.53	2.95	0.59	16.82
100-704	3/4"	2.71	1.95	3.74	0.79	34.80
100-705	1"	3.30	2.40	4.75	0.97	52.20
100-706	1-1/4"	3.80	2.59	4.75	1.23	112.52
100-707	1-1/2"	4.16	3.22	6.00	1.49	174.00
100-708	2"	5.00	3.40	6.00	1.99	255.20
100-709	2-1/2"	6.06	4.60	8.00	2.46	350.32
100-710	3"	7.08	4.90	8.00	2.99	563.76
100-711	4"	8.57	5.90	9.88	4.00	879.28



## T-100SSS

2 Piece, Full Port, Threaded Connection with Steam Trim, Stainless Steel Trim, 600 WOG

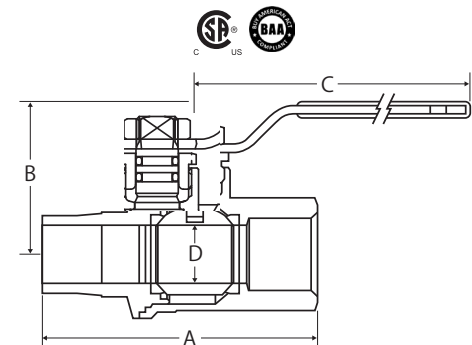
Part No.	Size	A	B	C	D	Cv
100-533	1/2"	2.45	1.53	2.95	0.59	16.82
100-534	3/4"	2.71	1.95	3.74	0.79	34.80
100-535	1"	3.30	2.40	4.75	0.97	52.20
100-536	1-1/4"	3.80	2.59	4.75	1.23	112.52
100-537	1-1/2"	4.16	3.22	6.00	1.49	174.00
100-538	2"	5.00	3.40	6.00	1.99	255.20



## T-100FMN

2 Piece, Full Port, MIP x FIP Connection, 600 WOG

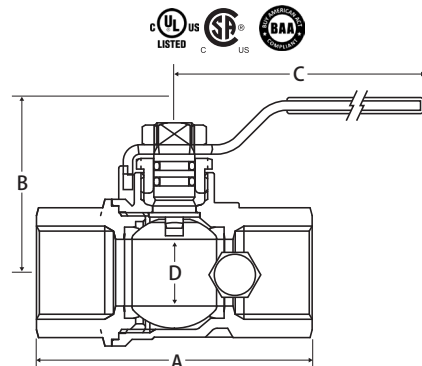
Part No.	Size	A	B	C	D	Cv
100-601	1/4"	2.29	1.41	2.95	0.39	7.66
100-602	3/8"	2.26	1.41	2.95	0.39	7.77
100-603	1/2"	2.75	1.53	2.95	0.59	16.82
100-604	3/4"	3.10	1.95	3.74	0.79	34.80
100-605	1"	3.68	2.40	4.75	0.97	52.20



## T-100STN

2 Piece, Full Port, Threaded Connection with Side Tap, 600 WOG

Part No.	Size	A	B	C	D	Cv
170-102	3/8"	2.02	1.41	2.95	0.39	7.77
170-103	1/2"	2.48	1.53	2.95	0.59	16.82
170-104	3/4"	2.76	1.95	3.74	0.79	34.80
170-105	1"	2.81	2.40	4.75	0.97	52.20
170-106	1-1/4"	4.03	2.59	4.75	1.23	112.52
170-107	1-1/2"	4.72	3.22	6.00	1.49	174.00
170-108	2"	5.23	3.40	6.00	1.99	255.20





# Ball Valve Accessories



**Locking Handle**

Fits T/S-200CSSG Series



**Locking Handle**

Fits T/S-200CG Series



**Long Neck T-Handle**

Fits T/S/JP-100 Series



**Oval Handle**

Fits T/S/JP-100 Series



**Thermal Insulated Handle with Memory Stop**

Fits T/S-200CSSG, T/S-200CG



**Thermal Insulated Handle with Memory Stop**

Fits T/S-100CG, T/S-100CSSG, JP-100G, JP-100SSG, T-100NE



**Slo-Ball Gear Operator Handle**

Fit T/S/JP-100 Series



**Memory Stop**

Fits T/S/JP-100 Series



**Stem Extension**

Fits T/S/JP-100 Series

# Lead Free Expansion Pex Ball Valves



## T/S-422G

- Dezincification Resistant Brass
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- ASTM F1960 Expansion Pex
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Drop Ears for Easy Installation
- 1/2" - 3" Available

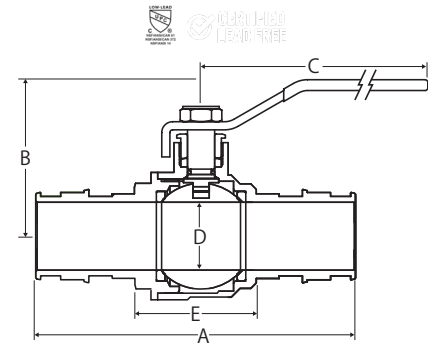
# Lead Free Expansion Pex Ball Valves



## T-422G

**2 Piece, Standard Port, Threaded x Expansion Pex Connection, Stainless Steel Trim, 400 WOG**

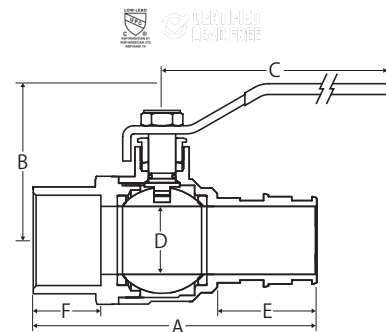
Part No.	Size	A	B	C	D	E
104-523PG	1/2"	2.58	1.69	3.35	0.39	1.61
104-524PG	3/4"	3.31	1.81	3.35	0.61	1.42
104-525PG	1"	3.98	2.09	4.29	0.81	1.61
104-526PG	1-1/4"	4.65	2.25	4.29	0.98	1.76
104-527PG	1-1/2"	5.52	2.45	5.63	1.10	2.10
104-528PG	2"	6.91	2.74	5.63	1.58	2.62
104-529G	2-1/2"	8.80	3.04	5.63	2.01	3.17
104-530G	3"	10.75	4.25	7.76	2.44	4.00



## S-422G

**2 Piece, Standard Port, Solder x Expansion Pex Connection, Stainless Steel Trim, 400 WOG**

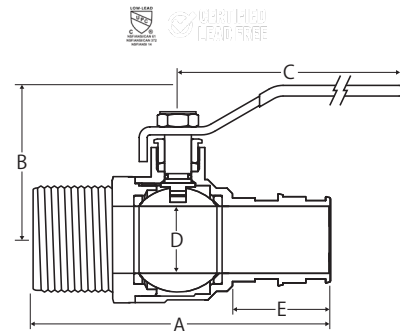
Part No.	Size	A	B	C	D	E	F
104-533PG	1/2"	2.40	1.19	3.35	0.39	0.71	0.50
104-534PG	3/4"	2.84	1.81	3.35	0.61	0.94	0.75



## T-422G MIP x Expansion

**2 Piece, Standard Port, Threaded MIP x Expansion Pex Connection, Stainless Steel Trim, 400 WOG**

Part No.	Size	A	B	C	D	E
104-534MPG	3/4"	3.17	1.81	3.35	0.61	0.94





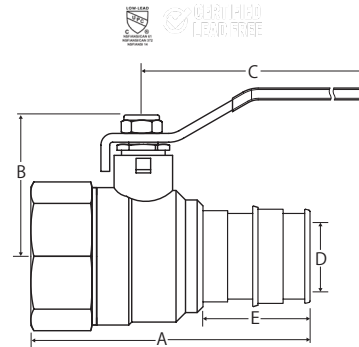
# Lead Free Expansion Pex Ball Valves



## T-422G FIP x Expansion

**2 Piece, Standard Port, Threaded FIP x Expansion Pex Connection, Stainless Steel Trim, 400 WOG**

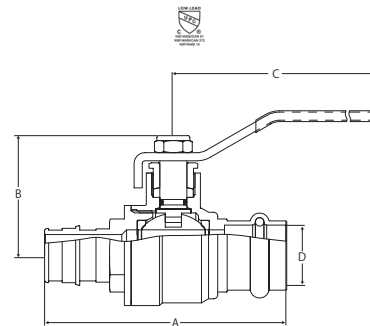
Part No.	Size	A	B	C	D	E
104-554PG	3/4"	2.68	1.81	3.35	0.61	0.94
104-555PG	1"	3.33	2.09	4.29	0.81	1.18



## T-422G Press x Expansion

**2 Piece, Standard Port, Press x Expansion Pex Connection, 250 WOG**

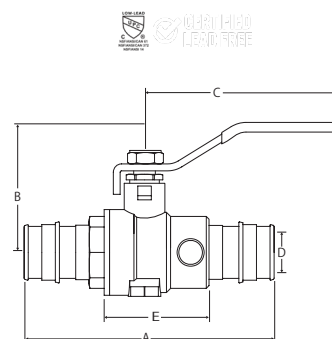
Part No.	Size	A	B	C	D
104-563PG	1/2"	2.95	1.81	3.46	0.59
104-564PG	3/4"	3.52	2.09	4.29	0.75
104-565PG	1"	4.07	2.25	4.29	0.98



## T-423G

**2 Piece, Standard Port, Expansion Pex Connection, Stainless Steel Trim with Drain, 400 WOG**

Part No.	Size	A	B	C	D	E
104-543PG	1/2"	2.98	1.69	3.35	0.39	1.45
104-544PG	3/4"	3.48	1.81	3.35	0.61	1.60



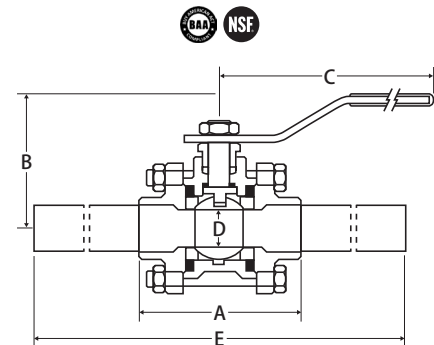
# Medical Gas Ball Valves



## S-650-CE-4B

3 Piece 4 Bolt, Copper Stub Connection, Oxygen Cleaned, 600 WOG

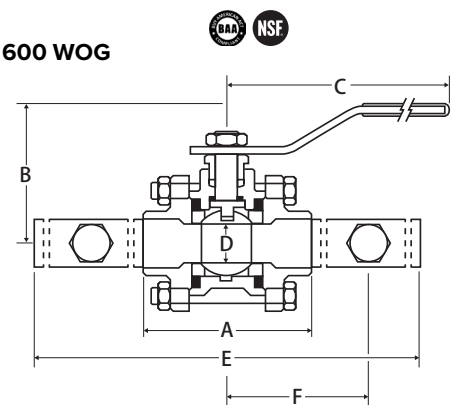
Part No.	Size	A	B	C	D	E
500-803	1/2"	2.64	1.81	2.87	0.59	17.50
500-804	3/4"	2.95	2.44	4.67	0.79	17.50
500-805	1"	3.46	2.56	4.67	0.99	19.00
500-806	1-1/4"	3.97	3.11	5.86	1.26	20.00
500-807	1-1/2"	4.45	3.27	5.86	1.50	23.50
500-808	2"	5.55	3.66	7.87	1.97	26.00



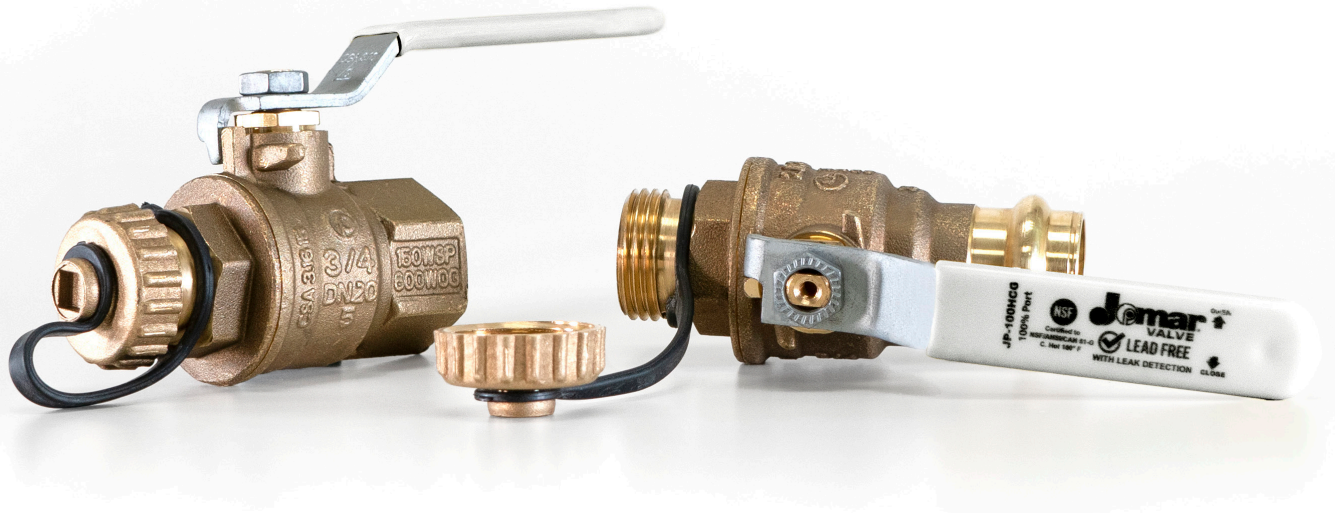
## S-675-DGP-4B

3 Piece 4 Bolt, Copper Stub Connection, Double Gauge Port, Oxygen Cleaned, 600 WOG

Part No.	Size	A	B	C	D	E	F
500-833	1/2"	2.64	1.81	2.87	0.59	17.50	5.00
500-834	3/4"	2.95	2.44	4.67	0.79	17.50	5.00
500-835	1"	3.46	2.56	4.67	0.99	19.00	5.00
500-836	1-1/4"	3.97	3.11	5.86	1.26	20.00	6.50
500-837	1-1/2"	4.45	3.27	5.86	1.50	23.50	6.50
500-838	2"	5.55	3.66	7.87	1.97	26.00	6.50



# Lead Free Cap & Chain Ball Valves



## T/JP-100HCG

- Threaded, Solder or Press Connections
- Cap and Chain for Easy Drain and Hose Connection
- Heavy Steel Chain
- Dezincification Resistant Brass
- Blow-Out Proof Stem
- Gland Follower and Single O-Ring Stem Design
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Uniform Plumbing Code (cUPC)
- IAPMO/ANSI Z1157-2014
- ANSI B1.20.1
- ANSI B16.18
- ANSI B1.20.7
- 1/2" - 3/4" Available



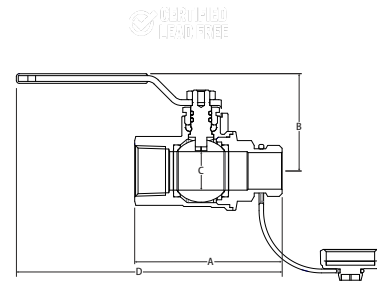
# Lead Free Cap & Chain Ball Valves



## T-100HCG

**2 Piece, Full Port, Threaded x Hose Connection with Hose Cap, 600 WOG**

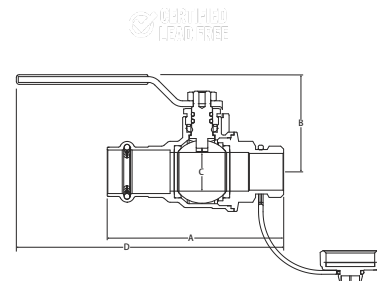
Part No.	Size	A	B	C	D
100-735G	1/2" NPT x 3/4" Hose	2.75	1.57	0.59	4.53
100-754G	3/4" NPT x 3/4" Hose	3.01	2.01	0.79	5.43



## JP-100HCG

**2 Piece, Full Port, Press x Hose Connection with Hose Cap, 250 WOG**

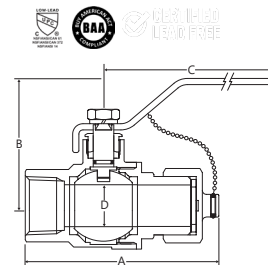
Part No.	Size	A	B	C	D
100-773G	1/2" Press x 3/4" Hose	3.23	1.57	0.59	4.53
100-774G	3/4" Press x 3/4" Hose	2.59	1.97	0.79	5.43



## T-100HFG

**2 Piece, Full Port, Threaded x Hose Connection with Cap and Chain, Stainless Steel Trim, 600 WOG**

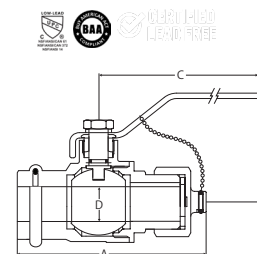
Part No.	Size	A	B	C	D
100-653G	1/2" x 3/4"	3.07	1.48	3.54	0.51
100-654G	3/4" x 3/4"	3.54	1.94	4.45	0.75



## P-100HPG

**2 Piece, Full Port, Press x Hose Connection with Cap and Chain, Stainless Steel Trim, 250 WOG**

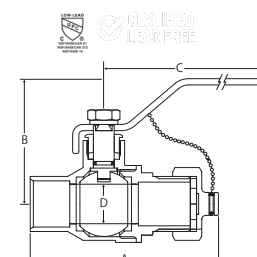
Part No.	Size	A	B	C	D
100-673G	1/2" x 3/4"	3.38	1.81	3.46	0.59
100-674G	3/4" x 3/4"	3.74	2.09	4.29	0.75



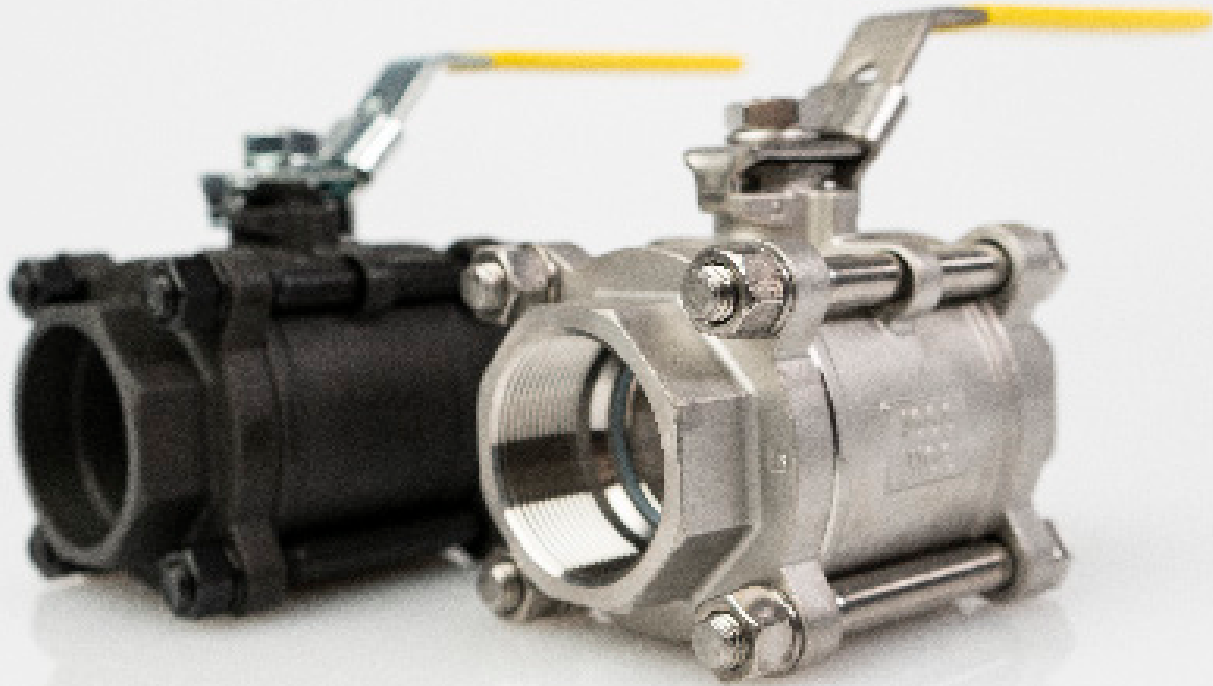
## S-100HSG

**2 Piece, Full Port, Solder x Hose Connection with Cap and Chain, Stainless Steel Trim, 600 WOG**

Part No.	Size	A	B	C	D
100-663G	1/2" x 3/4"	3.07	1.48	3.54	0.51
100-664G	3/4" x 3/4"	3.54	1.94	4.45	0.75



# Carbon & Stainless Steel Ball Valves



- CF8M or WCB Body
- 2, 3, and 5 Piece Style Available
- 1000-3000 PSI Available
- NPT and Socket Weld Connection
- 316 Stainless Steel Trim
- Solid Ball Construction
- Hostaflon® Seats and Seals
- ¼" - 4" Sizes
- Latch Lock Handle
- 29 in-Hg Vacuum Rating
- 100% Leak Tested
- UL Certified
- NACE Compliant
- Wetted Surfaces Less Than .25% Lead Content

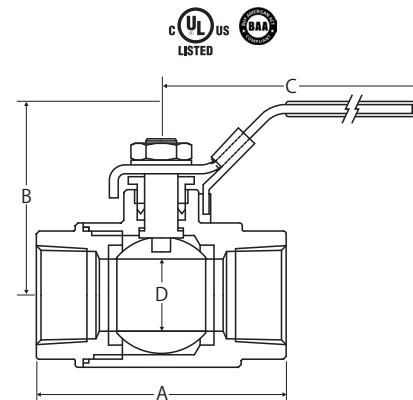
# Carbon & Stainless Steel Ball Valves



## T-SS-1001N & T-CS-1001N-SS

2 Piece, Full Port, 1000 WOG

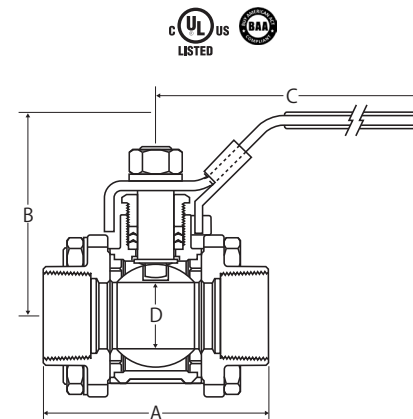
Part No.		Size	A	B	C	D	Torque
T-SS-1001N	T-CS-1001N-SS	-	-	-	-	-	-
100-961	100-971	1/4"	2.20	2.20	4.21	0.43	40
100-962	100-972	3/8"	2.20	2.20	4.21	0.43	40
100-963	100-973	1/2"	2.60	2.30	4.21	0.56	40
100-964	100-974	3/4"	2.99	2.79	5.73	0.81	60
100-965	100-975	1"	3.54	2.96	5.73	1.00	70
100-966	100-976	1-1/4"	3.94	3.56	7.45	1.25	110
100-967	100-977	1-1/2"	4.41	3.84	7.45	1.50	170
100-968	100-978	2"	5.00	4.24	8.08	1.97	250



## T-SS-1000N-4B & T-CS-1000N-4B

3 Piece 4 Bolt, Swing Out Body, Full Port, Stainless Steel Trim, 1000 WOG

Part No.		Size	A	B	C	D	Torque
T-SS-1000N-4B	T-CS-1000N-4B	-	-	-	-	-	-
500-301	500-401	1/4"	2.37	2.18	4.30	0.37	60
500-302	500-402	3/8"	2.37	2.18	4.30	0.37	60
500-303	500-403	1/2"	2.76	2.38	4.30	0.56	80
500-304	500-404	3/4"	3.03	2.87	5.81	0.81	150
500-305	500-405	1"	3.63	2.95	5.81	1.00	250
500-306	500-406	1-1/4"	4.14	3.66	7.44	1.25	320
500-307	500-407	1-1/2"	4.73	3.94	7.44	1.50	400
500-308	500-408	2"	5.43	4.25	7.81	1.97	480
500-310	-	3"	7.52	5.26	9.75	3.00	600
500-311	-	4"	8.54	6.57	11.88	3.93	850





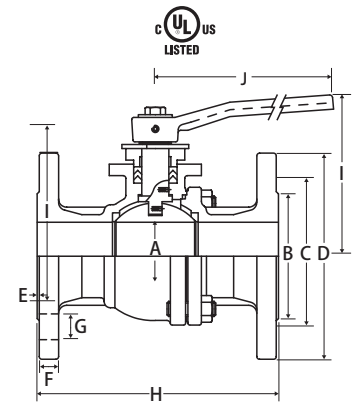
# Carbon & Stainless Steel Ball Valves



## FL-SS-100-150 & FL-CS-100-150

2 Piece, Full Port, Flanged Connection, 150 Class

Part No.		Size	A	B	C	D	E	F	H	I	J	Torque
FL-SS-100-150	FL-CS-100-150	-	-	-	-	-	-	-	-	-	-	-
600-103	600-203	1/2"	0.63	1.38	2.38	3.5	0.06	0.31	4.25	3.1	5.31	42
600-104	600-204	3/4"	0.79	1.69	2.76	3.86	0.06	0.35	4.61	3.28	5.31	68
600-105	600-205	1"	0.98	2.01	3.13	4.25	0.06	0.38	5	3.74	6.3	109
600-107	600-207	1-1/2"	1.5	2.87	3.88	5	0.06	0.5	6.5	4.79	9.06	268
600-108	600-208	2"	1.97	3.62	4.74	5.98	0.06	0.56	7.01	5.11	9.06	486
600-109	600-209	2-1/2"	2.56	4.13	5.49	7.01	0.06	0.63	7.48	5.54	9.06	843
600-110	600-210	3"	3.15	5	6	7.48	0.06	0.69	7.99	5.86	13.78	1277
600-111	600-211	4"	3.94	6.18	7.5	9.02	0.06	0.88	9.02	6.91	15.75	2055
600-112	600-212	6"	5.98	8.5	9.51	10.98	0.06	0.94	15.51	10.57	31.5	5040
600-113	600-213	8"	7.99	10.63	11.75	13.5	0.06	1.06	17.99	13.39	43.31	9314
600-114	600-214	10"	9.84	12.76	14.25	15.98	0.06	1.13	20.98	16.38	57.09	14590
600-115	600-215	12"	11.81	15	17.01	19.02	0.06	1.19	24.02	-	-	21839



**ADDITIONAL CARBON STEEL AND STAINLESS CONFIGURATIONS AVAILABLE**



## Lug & Wafer Style

Jomar Valve offers a complete range of lug and wafer butterfly valves designed for commercial, industrial and HVAC applications. Our 2"- 6" butterfly valves come with a lever handle and positioning plate inside the box which has an easy to read label to make stocking easier. The 8" butterfly valves ship with a bare stem and 10"-36" valves include a gear operator.

Each valve has an actuator-ready ISO 5211 mounting pad that easily accepts pneumatic or electric actuators. They feature a rugged double pin stem design, a stainless steel stem and disc, and are stocked in four different seat types: EPDM, BUNA, PTFE, and Viton.



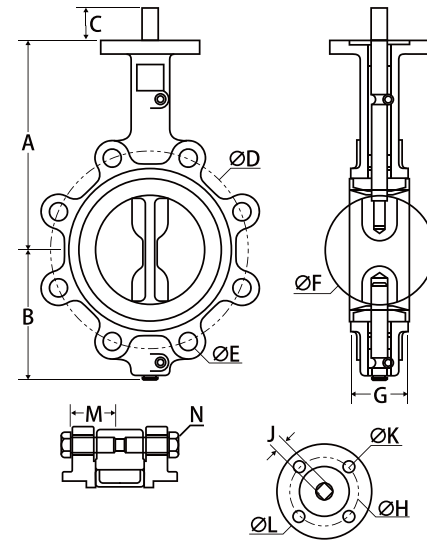
# Resilient Seated Butterfly Valves



## BFV-Lug

### Lug Style, Epoxy-Coated Ductile Iron Body, Stainless Steel Disc

- Designed for Commercial, Industrial and Potable Water Applications Up to 225 PSI
- NSF 61 & NSF 372 Certified 2"-24" (EPDM Seats only)
- Available in EPDM, BUNA, PTFE, and Viton Seats
- Meets API 609 and MSS SP-67
- Seat to Flange Seal Eliminates the Need for Flange Gaskets
- Series 600 Lug Bodies Are Bi-Directional for Dead End Service
- Epoxy Coated Finish
- Easily Accepts Actuator with ISO 5211 Mounting Flange
- Ideal for Mounting Pneumatic/Electrical Actuators
- Square Stem for Direct Mount
- Wetted Surfaces Contain Less Than .25% Lead Content



2" - 6" comes with (L) lever handle, 8" are (B) bare stem with operator sold separately, 10"-36" come with (G) Gear Operator. Seat material should be indicated in the part number when ordering as follows: E = EPDM, B = BUNA-N, P = PTFE, V = Viton

Part No.	Size	A	B	C	D	E	F	G	H	J	K	L	M	N	Weight
600-02DS_L	2"	6.34	3.15	1.26	4.74	4 : 5/8"	2.07	1.65	F05	0.35	4 : 0.28	3.03	1.50	5/8-11UNC	8.38
600-212DS_L	2-1/2"	6.89	3.50	1.26	5.5	4 : 5/8"	2.54	1.76	F05	0.35	4 : 0.28	3.03	1.50	5/8-11UNC	9.26
600-03DS_L	3"	7.13	3.74	1.26	6	4 : 5/8"	3.10	1.78	F05	0.35	4 : 0.28	3.03	1.50	5/8-11UNC	10.36
600-04DS_L	4"	7.87	4.49	1.26	7.5	8 : 5/8"	4.09	2.05	F07	0.43	4 : 0.35	3.54	1.75	5/8-11UNC	19.84
600-05DS_L	5"	8.39	5.00	1.26	8.5	8 : 3/4"	4.85	2.14	F07	0.55	4 : 0.35	3.54	1.75	3/4-10UNC	24.03
600-06DS_L	6"	8.90	5.47	1.26	9.51	8 : 3/4"	6.13	2.20	F07	0.55	4 : 0.35	3.54	2.00	3/4-10UNC	31.31
600-08DS_B	8"	10.24	6.89	1.61	11.75	8 : 3/4"	7.97	2.39	F10	0.67	4 : 0.47	4.92	2.00	3/4-10UNC	40.12
600-10DS_B	10"	11.50	7.99	1.61	14.25	12 : 7/8"	9.86	2.58	F10	0.87	4 : 0.47	4.92	2.25	7/8-9UNC	59.08
600-12DS_B	12"	13.27	9.53	1.61	17.01	12 : 7/8"	11.87	3.03	F10	0.87	4 : 0.47	5.51	2.50	7/8-9UNC	88.18
600-14DS_B	14"	14.49	10.55	1.77	18.74	12 : 1"	13.12	3.01	F10	0.87	4 : 0.47	5.51	2.50	1-8UNC	123.46
600-16DS_B	16"	15.75	12.17	2.02	21.26	16 : 1"	15.34	3.41	F14	1.06	4 : 0.71	7.76	3.00	1-8UNC	211.64
600-18DS_B	18"	16.54	12.91	2.02	22.76	16 : 1-1/8"	17.34	4.16	F14	1.06	4 : 0.71	7.76	3.50	1-1/8-7UNC	268.96
600-20DS_B	20"	18.90	14.21	2.53	25	20 : 1-1/8"	19.35	5.19	F14	1.42	4 : 0.71	7.76	4.00	1-1/8-7UNC	445.33
600-24DS_B	24"	22.13	18.07	2.76	29.51	20 : 1-1/4"	23.33	5.98	F16	1.42	4 : 0.91	10.87	4.50	1-1/4-7UNC	595.25
600-30DS_B*	30"	25.98	21.22	-	-	-	29.30	6.50	-	-	-	-	-	-	939.17
600-36DS_B*	36"	28.35	25.83	-	-	-	34.04	7.99	-	-	-	-	-	-	1604.96

\*U-type Butterfly Valve, dimensions and drawings available upon request.

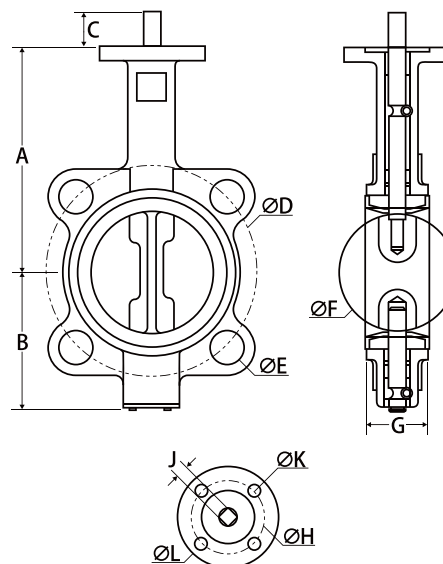
# Resilient Seated Butterfly Valves



## BFV-Wafer

### Wafer Style, Epoxy-Coated Ductile Iron Body, Stainless Steel Disc

- Designed for Commercial, Industrial and Potable Water Applications Up to 225 PSI
- NSF 61 & NSF 372 Certified 2"-24" (EPDM Seats only)
- Available in EPDM, BUNA, PTFE, and Viton Seats
- Meets API 609 and MSS SP-67
- Seat to Flange Seal Eliminates the Need for Flange Gaskets
- Epoxy Coated Finish
- Easily Accepts Actuator with ISO 5211 Mounting Flange
- Ideal for Mounting Pneumatic/Electrical Actuators
- Square Stem for Direct Mount
- Wetted Surfaces Contain Less Than .25% Lead Content



2" - 6" comes with (L) lever handle, 8" are (B) bare stem with operator sold separately, 10"-36" come with (G) Gear Operator. Seat material should be indicated in the part number when ordering as follows: E = EPDM, B = BUNA-N, P = PTFE, V = Viton \*U type butterfly valve

Part No.	Size	A	B	C	D	E	F	G	H	J	K	L	Weight
900-02DS_L	2"	6.34	3.15	1.26	4.74	4 : 0.75	2.07	1.65	F05	0.35	4 : 0.28	3.03	5.51
900-212DS_L	2-1/2"	6.89	3.50	1.26	5.50	4 : 0.75	2.54	1.76	F05	0.35	4 : 0.28	3.03	7.05
900-03DS_L	3"	7.13	3.74	1.26	6.00	4 : 0.75	3.10	1.78	F05	0.35	4 : 0.28	3.03	8.38
900-04DS_L	4"	7.87	4.49	1.26	7.50	8 : 0.75	4.09	2.05	F07	0.43	4 : 0.35	3.54	10.80
900-05DS_L	5"	8.39	5.00	1.26	8.50	8 : 0.87	4.85	2.14	F07	0.55	4 : 0.35	3.54	15.43
900-06DS_L	6"	8.90	5.47	1.26	9.51	8 : 0.87	6.13	2.20	F07	0.55	4 : 0.35	3.54	17.20
900-08DS_B	8"	10.24	6.89	1.61	11.75	8 : 0.87	7.97	2.39	F10	0.67	4 : 0.47	4.92	29.10
900-10DS_B	10"	11.50	7.99	1.61	14.25	12 : 0.98	9.86	2.58	F10	0.87	4 : 0.47	4.92	42.33
900-12DS_B	12"	13.27	9.53	1.61	17.01	12 : 0.98	11.87	3.03	F10	0.87	4 : 0.47	5.51	71.65
900-14DS_B	14"	14.49	10.51	1.77	18.74	12 : 1.14	13.12	3.01	F10	0.87	4 : 0.47	5.51	91.05
900-16DS_B	16"	15.75	12.17	2.02	21.26	16 : 1.14	15.34	3.41	F14	1.06	4 : 0.71	7.76	134.48
900-18DS_B	18"	16.61	12.91	2.02	22.76	16 : 1.26	17.34	4.16	F14	1.06	4 : 0.71	7.76	174.16
900-20DS_B	20"	18.90	14.21	2.53	25.00	20 : 1.26	19.35	5.19	F14	1.42	4 : 0.71	7.76	282.19
900-24DS_B	24"	22.13	18.07	2.76	29.51	20 : 1.38	23.33	5.98	F16	1.42	4 : 0.91	10.87	414.47
900-30DS_B	30"	25.98	21.22	2.60	36.00	28 : 1.38	29.30	6.50	F25	-*	8 : 0.71	11.81	723.12
900-36DS_B	36"	28.35	25.83	4.65	41.34	32 : 1.61	34.04	7.99	F25	-*	8 : 0.71	11.81	1571.89

\*Stem is round with key, dimensions and drawings available upon request.



# Resilient Seated Butterfly Valves

## Lever Handle

Fits Resilient Seated Butterfly Valves, Ten Position, Lockable

Part No.	Size
BLH2-3	2" - 3"
BLH4	4"
BLH5-6	5" - 6"
BLH8	8"



## Gear Operator

Fits Resilient Seated Butterfly Valves

Part No.	Size
BGO2-3	2" - 3"
BGO4	4"
BGO5-6	5"-6"
BGO8	8"
BGO10	10"
BGO12-14	12"-14"
BGO16-18	16"-18"
BGO20	20"
BGO24	24"
BGO30	30"
BGO36	36"



# High Performance Butterfly Valves



## Lug Style, 150 & 300 Class

Jomar's lug high performance butterfly valve (HPBFV) is available in 150 Class or 300 Class, with carbon or stainless steel body options. The body and the disc are manufactured using investment casting methods adhering to ISO standards. The body features a direct mount pad for actuation and an internally casted stop to prevent over-traveling. Our lug body is suitable for bidirectional dead-end service and indicates the preferred flow direction with an arrow. The carbon steel body features a powder-coated epoxy finish. The stainless steel body features an A351 stainless steel finish.

Jomar's HPBFV is a double offset design that standardizes on a stainless disc and features a one piece blowout proof 17-4 PH<sup>®</sup> stainless steel shaft with a corrosion-resistant graphite meshed coating. The valve includes a gland flange which applies a load against the packing gland to prevent external leakage. If a stem leak occurs this allows the valve's packing gland to be tightened in the field, stopping the leak.

Reinforced Teflon (RPTFE), Fire-Safe, or Metal seats are available for the HPBFVs, dependent on model. RPTFE provides a common soft-seated design which is ideal for most applications.



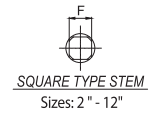
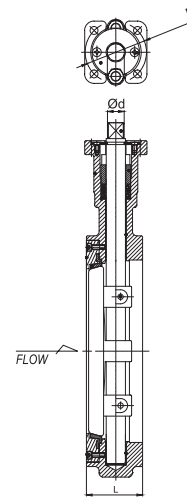
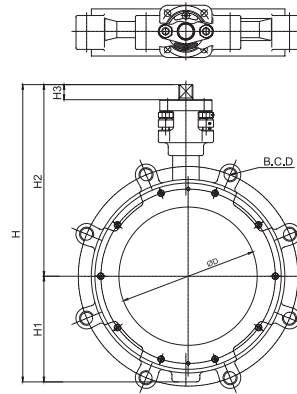
# High Performance Butterfly Valves



## HPBFV Carbon Steel & Stainless Steel 150 Class

Lug Style, Carbon Steel or Stainless Steel Body, Stainless Steel Disc and Stem, Lever Handle or Gear Operator, ANSI Class 150

- Bubble-Tight Shut-off Design
- Corrosion Resistant One-Piece Body
- Durable One-Piece Stem A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
- 2"-12" – Square Design
- 14"-24" – Keyed Design
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- Double Offset Disc Design
- RPTFE, Fire-Safe, and Metal Seats Available
- Internal Stop to Prevent Disc Over-Travel
- Heavy Duty Handle Design with 10 Position Notch Plate



Size (in)	H	H1	H2	H3	Ød	F	ØD	E	L	B.C.D	n*	h*	Bolt Size
2"	8.63	2.36	6.27	0.60	0.51	0.43	1.65	F07	1.73	4.75	4	0.75	5/8" x 1-1/4"
2-1/2"	9.54	2.76	6.78	0.60	0.63	0.55	2.40	F07	1.81	5.50	4	0.75	5/8" x 1-1/2"
3"	9.85	3.01	6.84	0.60	0.63	0.55	2.91	F07	1.89	6.00	4	0.75	5/8" x 1-3/4"
4"	11.07	3.54	7.53	0.70	0.63	0.55	3.70	F07	2.13	7.50	8	0.75	5/8" x 1-7/8"
5"	12.55	4.09	8.45	0.70	0.71	0.55	4.65	F07	2.24	8.50	8	0.87	3/4" x 1-7/8"
6"	13.62	4.53	9.09	0.75	0.87	0.67	5.51	F07	2.28	9.50	8	0.87	3/4" x 2"
8"	15.91	5.65	10.26	0.81	0.87	0.67	7.40	F07	2.52	11.75	8	0.87	3/4" x 2-1/4"
10"	18.44	6.69	11.75	0.81	1.10	0.87	9.39	F10	2.81	14.25	12	1.00	7/8" x 2-1/4"
12"	20.63	7.76	12.88	0.95	1.10	0.87	11.02	F10	2.81	17.00	12	1.00	7/8" x 2-1/2"
14"	26.87	11.00	15.87	2.76	1.50	-	-	F14	3.62	18.75	12	1.13	1" x 2-1/2"
16"	31.66	12.54	19.12	3.48	1.77	-	-	F16	4.02	21.75	16	1.13	1" x 3"
18"	33.73	13.31	20.41	3.48	2.17	-	-	F16	4.49	22.75	16	1.25	1-1/8" x 3"
20"	34.59	14.17	20.41	3.48	2.17	-	-	F16	5.00	25.00	20	1.25	1-1/8" x 3-1/4"
24"	39.76	16.70	23.05	3.68	2.56	-	-	F16	6.06	29.50	20	1.37	1-1/4" x 3-1/2"

\*Note: n = number of bolt holes  
h = bolt hole diameter

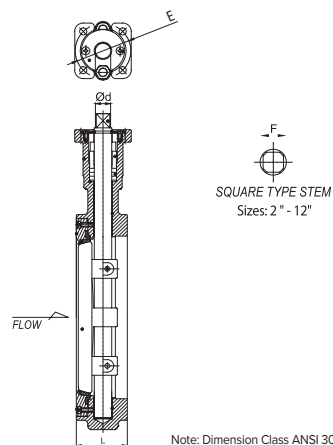
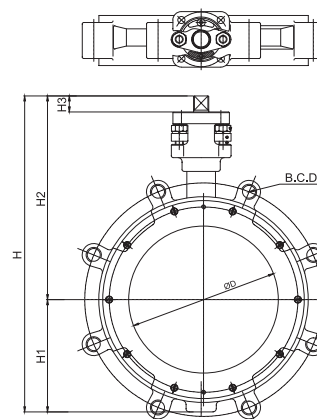
# High Performance Butterfly Valves



## HPBFV Carbon Steel & Stainless Steel 300 Class

Lug Style, Carbon Steel or Stainless Steel Body, Stainless Steel Disc and Stem, Lever Handle or Gear Operator, ANSI Class 300

- Bubble-Tight Shut-Off Design
- Corrosion Resistant One-Piece Body
- Double One-Piece Stem A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
- 2"-12" – Square Design
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- Dual Offset Disc Design
- RPTFE Seat
- Internal Stop to Prevent Disc Over-Travel
- Heavy Duty Handle Design with 10 Position Notch Plate



Note: Dimension Class ANSI 300



Carbon Steel



Stainless Steel

Size (in)	H	H1	H2	H3	Ød	F	ØD	E	L	B.C.D	n*	h*	Bolt Size
2"	8.63	2.36	6.27	0.60	0.51	0.43	1.65	F07	1.73	5.00	8	0.75	5/8" x 1-1/2"
2-1/2"	9.54	2.76	6.77	0.60	0.63	0.55	2.40	F07	1.81	5.87	8	0.87	3/4" x 1-3/4"
3"	9.85	3.01	6.84	0.60	0.63	0.55	2.91	F07	1.89	6.63	8	0.87	3/4" x 1-3/4"
4"	11.07	3.54	7.53	0.70	0.63	0.55	3.70	F07	2.13	7.87	8	0.87	3/4" x 2-1/4"
5"	12.55	4.09	8.45	0.70	0.71	0.55	4.65	F07	2.24	9.25	8	0.87	3/4" x 1-7/8"
6"	13.62	4.53	9.09	0.75	0.91	0.67	5.51	F07	2.28	10.63	12	0.87	3/4" x 2"
8"	15.91	5.65	10.26	0.81	1.10	0.87	7.40	F10	2.87	13.00	12	1.00	3/4" x 2-1/4"
10"	18.44	6.69	11.75	0.81	1.10	0.87	9.39	F10	3.25	15.25	16	1.13	7/8" x 2-1/4"
12"	20.71	7.83	12.88	0.95	1.10	0.87	11.02	F10	3.62	17.75	16	1.25	7/8" x 2-1/2"

\*Note: n = number of bolt holes  
h = bolt hole diameter



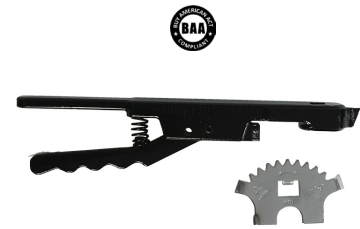
# High Performance Butterfly Valves



## HPBFV Lever Handle

Fits High Performance Butterfly Valves, Ten Position, Lockable

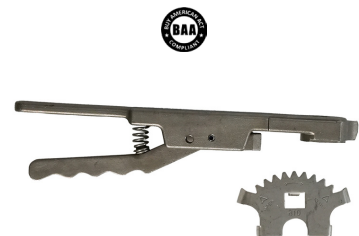
Part No.	Size
HPBFV 150 CLASS	
HPLH2	2"
HPLH2.5-5	2-1/2",3",4",5"
HPLH6	6"
HPBFV 300 CLASS	
HPLH2	2"
HPLH2.5-5	2-1/2", 3", 4"



## HPBFV Lever Handle

Fits High Performance Butterfly Valves, Stainless Steel, Ten Position, Lockable

Part No.	Size
HPBFV 150 CLASS	
HPLH2SS	2"
HPLH2.5-5SS	2-1/2",3",4",5"
HPLH6SS	6"
HPBFV 300 CLASS	
HPLH2SS	2"
HPLH2.5-5SS	2-1/2", 3", 4"



## HPBFV Gear Operator

Fits High Performance Butterfly Valves

Part No.	Size
HPBFV 150 CLASS	
HPBGO2	2"
HPBGO2.5-5	2.5",3",4",5"
HPBGO6-8	6",8"
HPBGO10	10"
HPBGO12	12"
HPBGO14	14"
HPBGO16	16"
HPBFV 300 CLASS	
HPBGO2	2"
HPBGO2.5-5	2.5"-5"
HPBGO6-8	6"
HPBGO10	8"-10"
HPBGO12	12"

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- Jomar Valve offers a range of multi-turn gate valves for various commercial applications in multiple materials.
- Brass gate valves are available in sizes 1/2" - 4", threaded and solder connections in standard, lead free bronze, and lead free brass alloys. Rated at 200 WOG in non-rising stem configuration.
- Cast Iron gate valves are available in sizes 2 1/2" - 12", ANSI class 125, rated for 125 SWP.
- Material construction include IBBM, all iron body, with lead free bronze seat rings, making all Jomar cast iron gate valves lead free compliant.
- Available in non-rising and rising stem configurations.

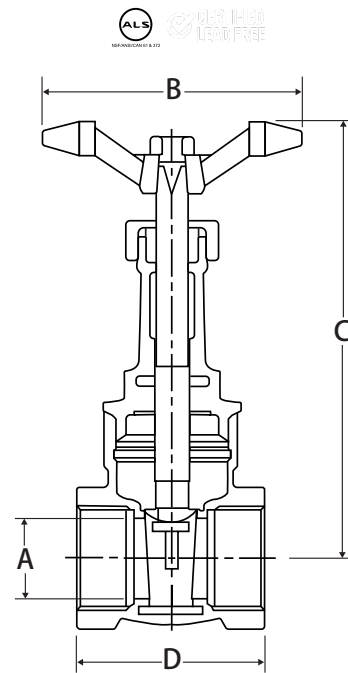
# Gate Valves

## T-351G

Rising Stem, Solid Wedge, Threaded Connection, 300 CWP

Part No.	Size	A	B	C	D
103-353G	1/2"	0.51	2.05	3.76	1.88
103-354G	3/4"	0.75	2.26	4.47	2.05
103-355G	1"	0.98	2.76	5.38	2.32
103-356G	1-1/4"	1.25	3.15	6.34	2.52
103-357G	1-1/2"	1.50	3.74	6.96	2.68
103-358G	2"	1.97	3.74	8.54	2.93

- Dezincification Resistant Bronze
- Solid Wedge Gate with Rising Stem
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content

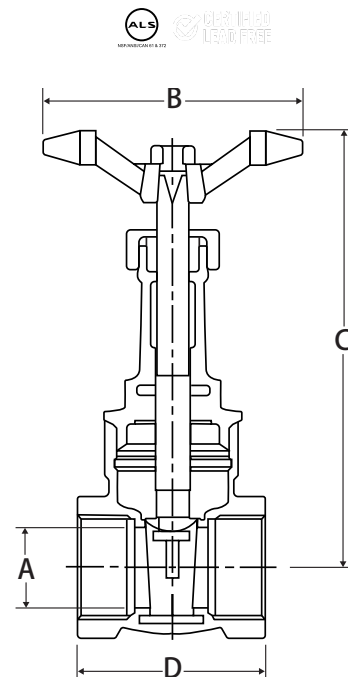


## S-351G

Rising Stem, Solid Wedge, Solder Connection, 300 CWP

Part No.	Size	A	B	C	D
103-453G	1/2"	0.51	2.05	3.76	1.80
103-454G	3/4"	0.75	2.26	4.47	2.32
103-455G	1"	0.98	2.76	5.38	2.76
103-456G	1-1/4"	1.25	3.15	6.34	3.03
103-457G	1-1/2"	1.50	3.74	6.96	3.37
103-458G	2"	1.97	3.74	8.54	4.07

- Dezincification Resistant Bronze
- Solid Wedge Gate with Rising Stem
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



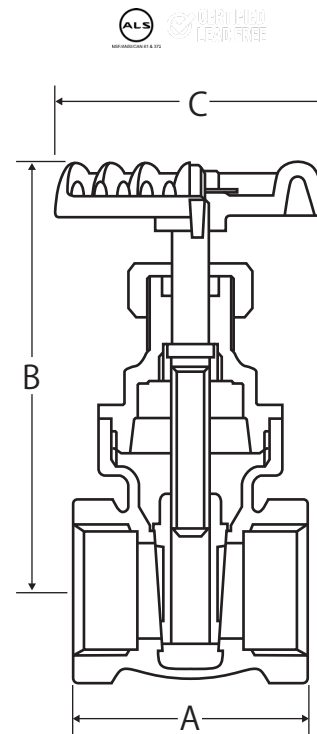
# Gate Valves

## T-301G

**Non-Rising Stem, Solid Wedge, Threaded Connection, 200 WOG**

Part No.	Size	A	B	C
103-303G	1/2"	1.69	2.84	2.13
103-304G	3/4"	1.85	3.31	2.13
103-305G	1"	2.17	3.94	2.52
103-306G	1-1/4"	2.40	4.57	2.75
103-307G	1-1/2"	2.44	4.93	3.13
103-308G	2"	2.84	6.03	3.27

- Dezincification Resistant Bronze
- Solid Wedge Gate with Rising Stem
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content

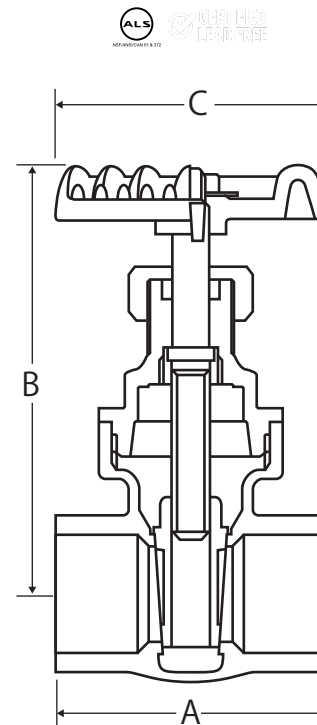


## S-301G

**Non-Rising Stem, Solid Wedge, Solder Connection, 200 WOG**

Part No.	Size	A	B	C
103-403G	1/2"	1.77	2.84	2.13
103-404G	3/4"	2.32	3.31	2.13
103-405G	1"	2.76	3.86	2.40
103-406G	1-1/4"	2.88	4.57	3.03
103-407G	1-1/2"	3.19	4.93	3.03
103-408G	2"	3.90	6.03	3.27

- Dezincification Resistant Bronze
- Solid Wedge Gate with Rising Stem
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content





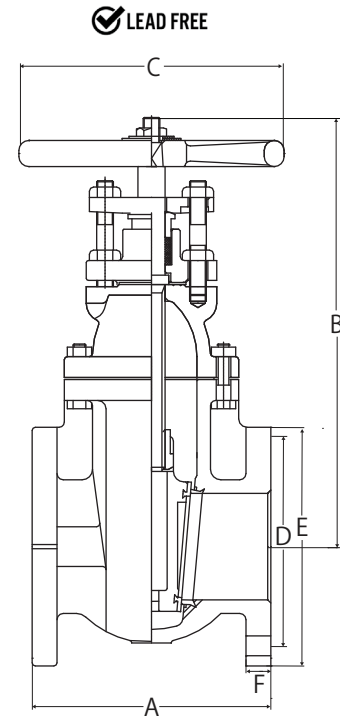
# Gate Valves

## F-351

### Non-Rising Stem, Solid Wedge, Bolted Bonnet, 125 Class

Part No.	Size	Weight	A	B	C	D	E	F
103-525	2-1/2"	20	7.50	12.72	7.01	5.51	7.01	0.69
103-503	3"	25	8.00	13.31	7.87	6.00	7.48	0.76
103-504	4"	45	9.00	16.18	10.00	7.48	8.98	0.92
103-506	6"	83	10.50	21.97	11.81	9.48	10.98	1.00
103-508	8"	113	11.50	25.59	13.70	11.75	13.50	1.12

- Solid Wedge with Rising Stem
- Handwheel Operated
- Bonnet & Disc
- Lead Free Bronze Seat Ring
- Pressure Rating: Class 125
- Conforms to MSS SP-70
- Flange: ASME B16.1
- Face-to-Face: ANSI/ASME B16.10
- Lead Free Compliant

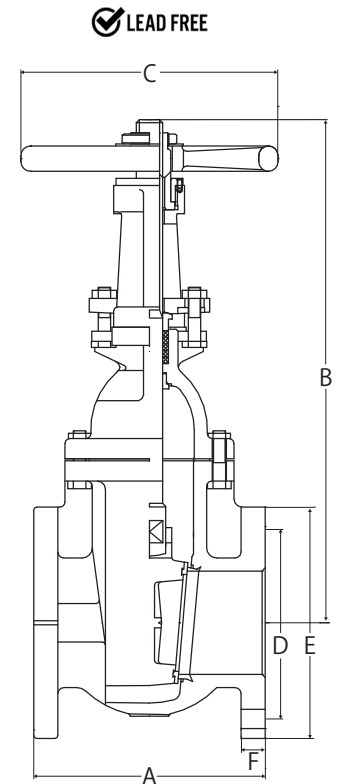


## F-361

### Rising Stem, Solid Wedge, Bolted Bonnet, OS&Y, 125 Class

Part No.	Size	Weight	A	B	C	D	E	F
103-625	2-1/2"	48	7.50	16.93	7.01	5.49	7.01	0.81
103-603	3"	59	8.00	19.09	7.87	6.00	7.52	0.88
103-604	4"	105	9.00	24.21	10.00	7.48	9.01	0.92
103-606	6"	194	10.50	32.88	11.82	9.51	10.98	1.00
103-608	8"	272	11.50	39.76	13.70	11.76	13.50	1.13
103-610	10"	438	13.00	48.03	15.75	14.25	15.98	1.19
103-612	12"	608	14.02	56.50	17.00	17.01	19.01	1.25

- Solid Wedge with Rising Stem
- Handwheel Operated
- Bonnet & Disc
- Lead Free Bronze Seat Ring
- Pressure Rating: Class 125
- Conforms to MSS SP-70
- Flange: ASME B16.1
- Face-to-Face: ANSI/ASME B16.10
- Lead Free Compliant





- Jomar Valve offers a wide range of check valves for various commercial applications in multiple materials.
- Lead free brass spring check valves are available in sizes ½" - 2", threaded and solder, and press rated at 300 WOG. They are a versatile and an economical solution.
- Lead free and standard brass horizontal check valves are available in sizes ½" - 4", threaded and solder connections and rated at 200 WOG.
- Lead Free and Standard Bronze Y-Pattern check valves are available in sizes ½" - 4", threaded and solder connections and rated at 300 WOG.
- Cast Iron check valves are available in sizes 2½" - 12", ANSI class 125 and rated for 125 SWP. Available in horizontal and wafer configurations.

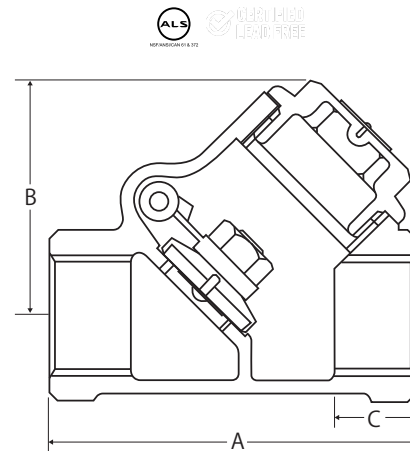
# Check Valves

## T-511G

**Swing, Y-Pattern, Threaded Connection, 300 WOG, 150 Class**

Part No.	Size	A	B	C
105-303G	1/2"	2.36	1.77	0.54
105-304G	3/4"	2.76	1.97	0.57
105-305G	1"	3.40	2.28	0.70
105-306G	1-1/4"	3.78	2.67	0.71
105-307G	1-1/2"	4.57	2.95	0.75
105-308G	2"	5.35	3.70	0.79

- Dezincification Resistant Bronze
- Can be Installed in Vertical or Horizontal Positions
- Residential and Commercial Applications
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content

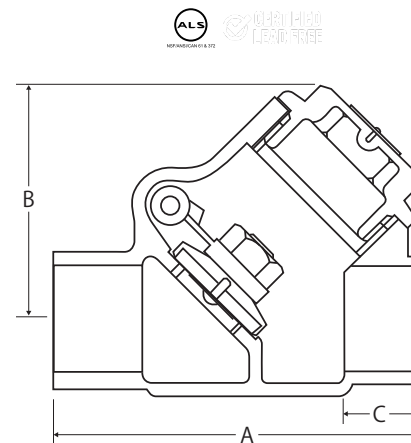


## S-511G

**Swing, Y-Pattern, Solder Connection, 300 WOG, 150 Class**

Part No.	Size	A	B	C
105-403G	1/2"	2.60	1.77	0.50
105-404G	3/4"	3.39	1.97	0.75
105-405G	1"	4.09	2.28	0.91
105-406G	1-1/4"	4.72	2.67	0.97
105-407G	1-1/2"	5.39	2.95	1.09
105-408G	2"	6.69	3.70	1.34

- Dezincification Resistant Bronze
- Can be Installed in Vertical or Horizontal Positions
- Residential and Commercial Applications
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



# Check Valves

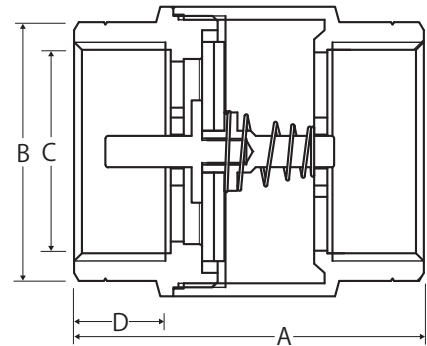


## T-521G

Inline, Threaded Connection, 300 WOG, Class 150

Part No.	Size	A	B	C	D
105-603G	1/2"	1.28	1.91	0.50	0.49
105-604G	3/4"	1.54	2.06	0.75	0.59
105-605G	1"	1.77	2.30	1.00	0.59
105-606G	1-1/4"	2.17	2.64	1.25	0.73
105-607G	1-1/2"	2.34	2.74	1.50	0.71
105-608G	2"	3.15	3.31	2.00	0.83

- Dezincification Resistant Brass Alloy
- Forged Lead Free Brass Body
- Can be Installed in Vertical or Horizontal Positions
- Bubble-Tight Teflon Seal
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less Than .25% Lead Content

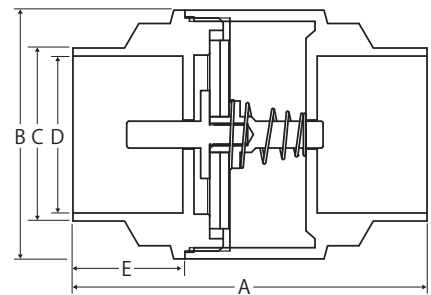


## S-521G

Inline, Solder Connection, 300 WOG, 150 Class

Part No.	Size	A	B	C	D	E
105-613G	1/2"	1.28	1.91	0.50	0.49	0.74
105-614G	3/4"	1.54	2.06	0.75	0.59	0.77
105-615G	1"	1.77	2.30	1.00	0.59	0.89
105-616G	1-1/4"	2.17	2.64	1.25	0.73	0.94
105-617G	1-1/2"	2.34	2.74	1.50	0.71	1.06
105-618G	2"	3.15	3.31	2.00	0.83	1.34

- Dezincification Resistant Brass Alloy
- Forged Lead Free Brass Body
- Can be Installed in Vertical or Horizontal Positions
- Bubble-Tight Teflon Seal
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content

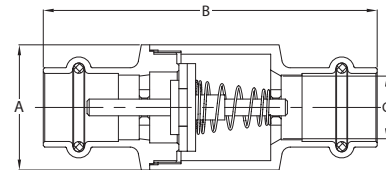


## P-521G

Inline, Press Connection, 300 WOG, 150 Class

Part No.	Size	A	B	C
105-623G	1/2"	1.18	3.15	.59
105-624G	3/4"	1.46	3.15	.79
105-625G	1"	1.73	3.39	.98
105-626G	1-1/4"	2.24	3.62	1.26
105-627G	1-1/2"	2.50	4.59	1.57
105-628G	2"	3.09	5.20	1.97

- Dezincification Resistant Brass Alloy
- Forged Lead Free Brass Body
- Can be Installed in Vertical or Horizontal Positions
- Bubble-Tight Teflon Seal
- IAPMO Certified - NSF 61 & NSF 372
- ASME B16.51
- Wetted Surfaces Contain Less than .25% Lead Content

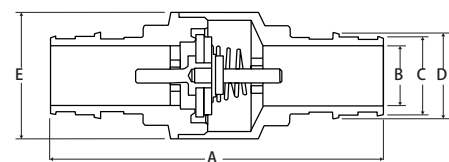


## E-521G

Inline, Expansion Pex Connection, 300 WOG, 150 Class

Part No.	Size	A	B	C	D	E
105-633G	1/2"	2.95	0.39	0.58	0.61	1.28
105-634G	3/4"	3.37	0.60	0.79	0.87	1.28
105-635G	1"	4.00	0.80	1.03	1.11	1.54

- Dezincification Resistant Brass Alloy
- Forged Lead Free Brass Body
- Can be Installed in Vertical or Horizontal Positions
- Bubble-Tight Teflon Seal
- IAPMO Certified - NSF 61 & NSF 372
- ASTM F1960
- Wetted Surfaces Contain Less than .25% Lead Content





# Check Valves

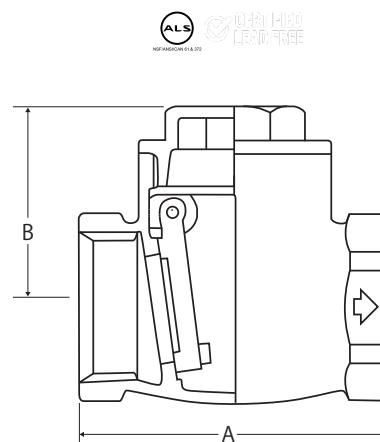


## T-501G

### Horizontal Swing, Threaded Connection, 200 WOG, 125 Class

Part No.	Size	A	B
105-103G	1/2"	2.13	1.54
105-104G	3/4"	2.33	1.62
105-105G	1"	2.72	1.77
105-106G	1-1/4"	3.11	2.01
105-107G	1-1/2"	3.51	2.25
105-108G	2"	4.30	2.68
105-109G	2-1/2"	5.32	3.35
105-110G	3"	6.30	3.86
105-111G	4"	7.49	4.53

- Dezincification Resistant Brass Alloy
- Residential and Commercial Applications
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content

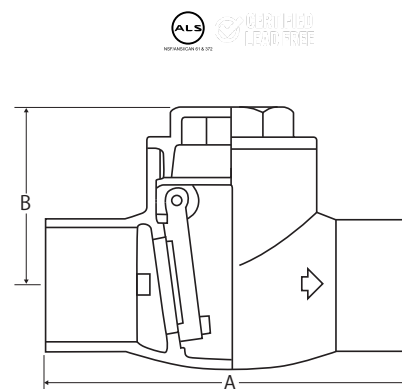


## S-501G

### Horizontal Swing, Solder Connection, 200 WOG, 125 Class

Part No.	Size	A	B
105-203G	1/2"	2.52	1.54
105-204G	3/4"	3.11	1.62
105-205G	1"	3.90	1.77
105-206G	1-1/4"	4.37	2.01
105-207G	1-1/2"	4.96	2.25
105-208G	2"	5.99	2.68
105-209G	2-1/2"	6.48	3.53
105-210G	3"	7.52	4.02

- Dezincification Resistant Brass Alloy
- Residential and Commercial Applications
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content

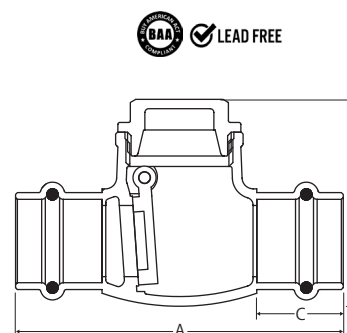


## P-501G

### Horizontal Swing, Press Connection, 200 WOG, 125 Class

Part No.	Size	A	B	C
105-003G	1/2"	2.97	2.10	0.75
105-004G	3/4"	3.50	2.27	0.93
105-005G	1"	3.75	2.59	0.95
105-006G	1-1/4"	4.13	3.12	0.98
105-007G	1-1/2"	5.32	3.40	1.36
105-008G	2"	6.06	4.10	1.56

- Dezincification Resistant Brass Alloy
- Residential and Commercial Applications
- One-Piece Body Design
- Heavy Pattern Cast Brass Construction
- EPDM O-Ring Seal
- Metal-to-Metal Disc Seal
- Truesdail Certified – NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



# Check Valves

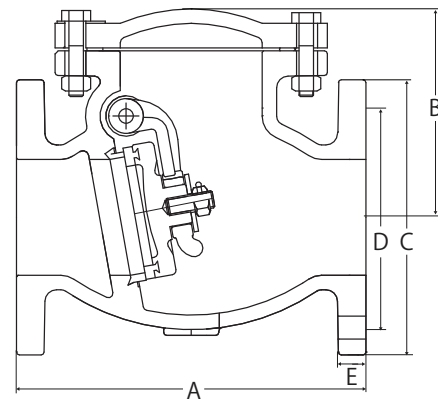
## F-571

### Horizontal Swing, Bolted Bonnet, 125 Class

Part No.	Size	Weight	A	B	C	D	E
105-725	2-1/2"	24	8.50	5.24	7.01	5.49	0.81
105-703	3"	44	9.50	5.67	7.52	6.00	0.88
105-704	4"	78	11.50	6.61	9.01	7.50	0.92
105-706	6"	152	14.00	8.54	10.98	9.51	1.00
105-708	8"	259	19.49	10.27	13.50	11.75	1.12
105-710	10"	417	24.49	11.30	15.98	14.25	1.19
105-712	12"	615	27.50	12.56	19.01	17.01	1.25

- Bonnet & Disc
- Lead Free Bronze Seat Ring
- Pressure Rating: Class 125
- Conforms to MSS SP-71
- Flange: ASME B16.1
- Face-to-Face: ANSI/ASME B16.10
- Lead Free Compliant

✓ LEAD FREE



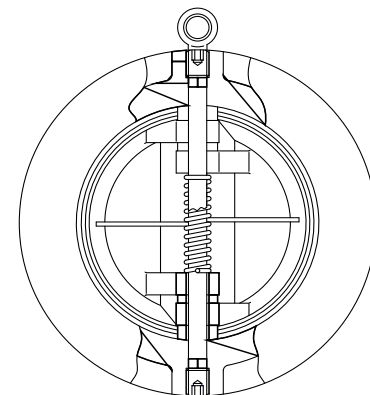
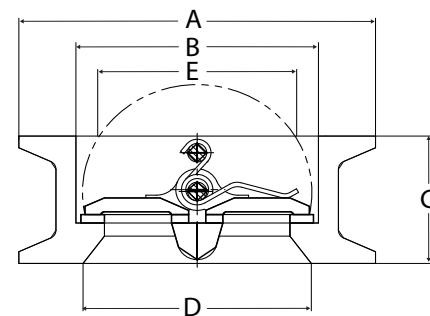
## F-591

### Wafer Style, Double Door, 125 Class

Part No.	Size	Weight	A	B	C	D	G
105-925	2-1/2"	5	4.88	3.15	2.12	3.07	1.92
105-903	3"	6	5.38	3.70	2.24	3.46	2.99
105-904	4"	9	6.88	4.61	2.52	4.33	3.83
105-906	6"	15	8.75	6.69	2.99	6.69	5.69
105-908	8"	28	10.98	8.82	3.74	8.74	7.59

- Aluminum Bronze Disc
- Stainless Steel Stem
- Pressure Rating: Class 125
- Lead Free Compliant

✓ LEAD FREE





The Filter Ball® is a patented combination strainer and ball valve. Available in sizes ½” to 2” NPT, the Filter ball® offers the following benefits:

- Higher Cv Value
  - Saves on Energy, Labor, Space and Potential Leak Points
  - 100% Italian Made
  - 100% Tested
  - Buy American Act Compliant
  - Stainless Steel Baskets Available in 20, 40, 60, 80, & 100 Mesh
- 
- Lead free bronze Y-strainers are available in sizes ½”- 3”, threaded and solder, rated at 300 WOG.
  - Cast Iron Y-Strainers are available in sizes 2½”- 8”, ANSI class 125, rated for 125 SWP.

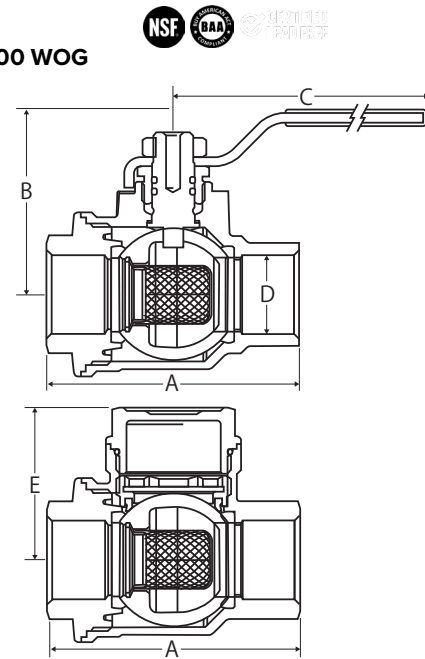
# Strainers

## T-100FBG

Filter Ball® | 3-Way, Full Port, Threaded Connection with Integrated Strainer, 400 WOG

Part No.	Size	A	B	C	D	E	Cv
100-833G	1/2"	2.73	2.20	3.74	0.69	1.47	8.09
100-834G	3/4"	3.03	2.40	4.72	0.89	1.73	8.67
100-835G	1"	3.74	2.60	4.72	1.12	2.01	16.76
100-836G	1-1/4"	4.73	3.23	5.91	1.40	2.36	23.12
100-837G	1-1/2"	5.00	3.50	5.91	1.77	2.91	42.77
100-838G	2"	6.06	3.56	5.91	1.77	3.01	42.77

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and Teflon® Seal
- Shipped Standard with 304 SS 28 Mesh Screen  
(Available Mesh Screens: 40, 60, 80, 100)
- Reversible Handle
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content

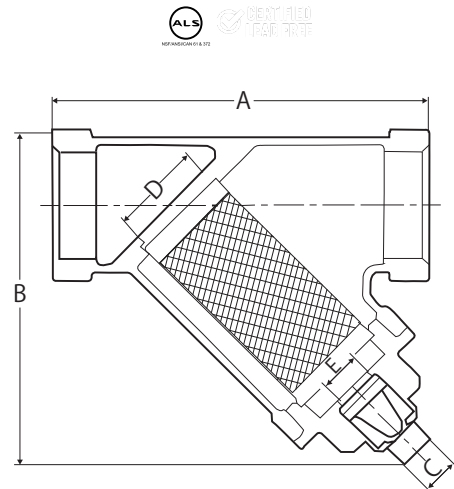


## T-651G

Y-Strainer, Threaded Connection, 20 Stainless Steel Mesh, 150 WOG

Part No.	Size	GPM	A	B	D	E	F
106-303G	1/2"	21.50	3.23	3.01	0.45	0.61	0.57
106-304G	3/4"	29.40	3.94	3.49	0.45	0.83	0.59
106-305G	1"	73.20	4.53	4.03	0.52	1.00	0.59
106-306G	1-1/4"	97.30	5.33	4.70	0.52	1.30	0.59
106-307G	1-1/2"	123.90	6.20	5.02	0.52	1.64	0.59
106-308G	2"	163.10	7.44	6.14	0.52	2.03	0.59
106-309G	2-1/2"	-	8.94	7.22	0.52	2.50	0.59
106-310G	3"	-	10.00	7.85	0.52	3.01	0.59

- Dezincification Resistant Bronze
- Residential and Commercial Applications
- 1/2"-3/4": 3/8" FNPT Plugged Cap
- 1"-3": 1/2" FNPT Plugged Cap
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



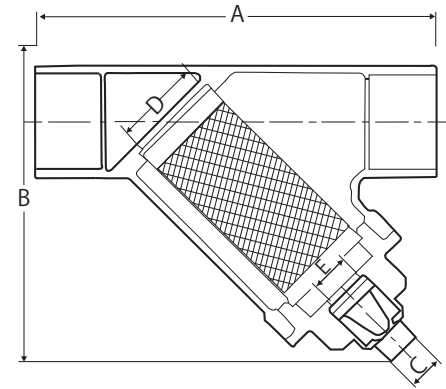
# Strainers

## S-651G

Y-Strainer, Solder Connection, 20 Stainless Steel Mesh, 150 WOG

Part No.	Size	GPM	A	B	D	E	F
106-403G	1/2"	21.50	3.42	2.83	0.45	0.61	0.57
106-404G	3/4"	29.40	4.31	3.27	0.45	0.83	0.59
106-405G	1"	73.20	6.10	3.78	0.52	1.00	0.59
106-406G	1-1/4"	97.30	5.90	4.37	0.52	1.29	0.59
106-407G	1-1/2"	123.90	6.89	4.82	0.52	1.64	0.59
106-408G	2"	163.1	8.62	5.90	0.52	2.03	0.59

- Dezincification Resistant Bronze
- Residential and Commercial Applications
- 1/2" - 3/4" have 3/8" FNPT Plugged Cap
- 1" - 2" have 1/2" FNPT Plugged Cap
- Truesdail Certified NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content

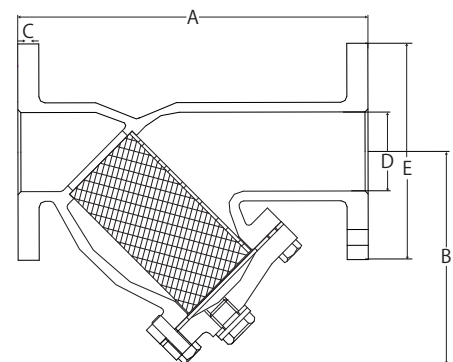


## F-651

Y-Strainer, Bolted Bonnet, Stainless Steel Screen, 125 Class

Part No.	Size	Weight	A	B	C	D	E	Cv
106-625	2-1/2"	31	10.75	6.81	0.69	2.56	7.01	125
106-603	3"	42	11.50	7.68	0.75	3.15	7.52	162
106-604	4"	60	13.86	8.86	0.94	3.94	9.01	273
106-606	6"	127	18.50	12.91	1.00	5.90	10.98	557
106-608	8"	227	21.38	16.73	1.14	7.87	13.50	925
106-610	10"	291	28.74	17.91	0.87	10	15.94	1711
106-612	12"	454	33.46	18.74	0.96	12	18.11	2218

- Bolted Bonnet
- 1/4" NPT Test Plug Upstream and Downstream
- Flange: ASME B16.1
- Pressure Rating: Class 125







- Hydronic and Lead Free Balancing Valves
- Automatic, Manual, and Thermostatic Balancing Valve Options
- Fixed and Variable Orifice Manual Balancing Valves
- High Temperature Disinfection Capabilities
- Assembly Configuration for Recirculation Lines
- Buy American Act Compliant
- 100% Leak Tested

Jomar Valve has the perfect balancing solution for both plumbing and mechanical designs. Our lead free plumbing options include manual, automatic, and thermostatic balancing valves. The lead free assembly offering is ideal for quick and easy installation with its ball valve, balancing valve, check valve, then ball valve set-up. Balancing valves allow for fast and accurate flow regulation when paired with a check valve, which prevents the reversal of flow.

Our hydronic product offering is ideal for mechanical structures with sizes up to 12", and includes manual, automatic, and pressure independent control valves.

# Balancing Valves

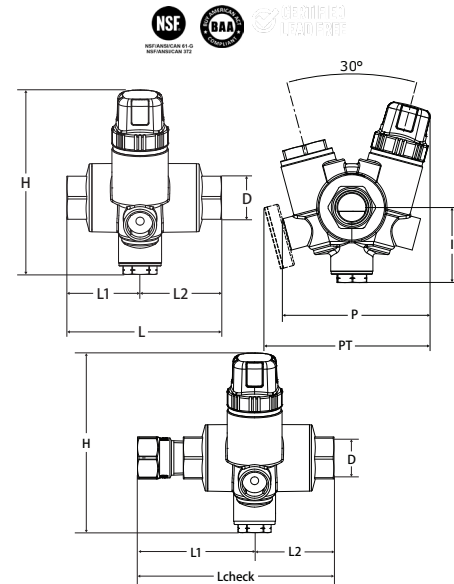


## TB-120G

**RecircSetter™ | Thermostatic Balancing, Variable Set Point, Optional Check Valve, 150 CWP**

Part No.	Size	L	L <sub>check</sub>	L1	L2	H	I	P	PT
180-103G-B	1/2"	3.66	-	1.73	1.93	4.41	1.81	3.58	4.02
180-104G-B	3/4"	3.9	-	1.85	2.05	4.41	1.81	3.58	4.02
180-103G-B-C	1/2"	-	4.8	2.87	1.93	4.41	1.81	3.58	4.02
180-104G-B-C	3/4"	-	5.43	3.39	2.05	4.41	1.81	3.58	4.02

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant
- Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Optional Check Valve
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available

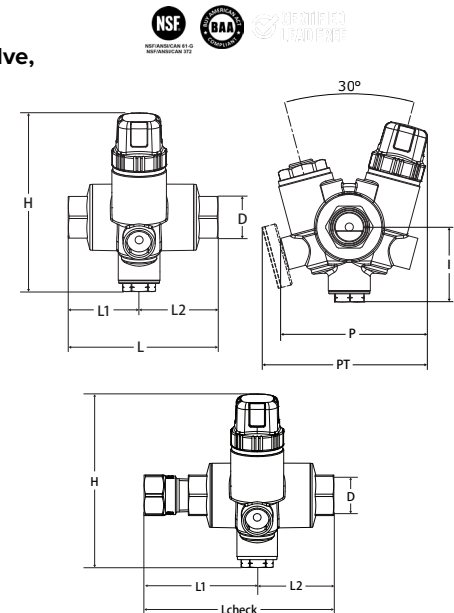


## TB-130G

**RecircSetter™ | Thermostatic Balancing, Variable Set Point, Optional Check Valve, Thermal Disinfection, 150 CWP**

Part No.	Size	L	L <sub>check</sub>	L1	L2	H	I	P	PT
180-103G-D	1/2"	3.66	-	1.73	1.93	4.41	1.81	3.58	4.02
180-104G-D	3/4"	3.9	-	1.85	2.05	4.41	1.81	3.58	4.02
180-103G-D-C	1/2"	-	4.8	2.87	1.93	4.41	1.81	3.58	4.02
180-104G-D-C	3/4"	-	5.43	3.39	2.05	4.41	1.81	3.58	4.02

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant
- Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Optional Check Valve
- Thermal Disinfection Bypass (160°F)
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



# Balancing Valves

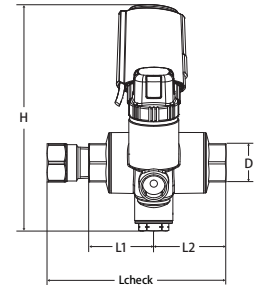
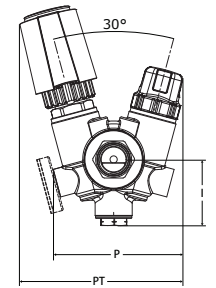
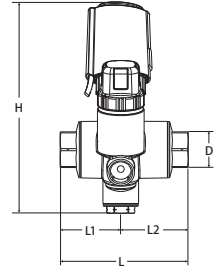


## TB-150G

**RecircSetter™ | Thermostatic Balancing, Variable Set Point, Optional Check Valve, Actuated Thermal Disinfection, 150 CWP**

Part No.	D	L	L <sub>check</sub>	L1	L2	H	I	P	OT
180-103G-A	1/2"	3.66	-	1.73	1.93	6.06	1.81	3.58	4.49
180-104G-A	3/4"	3.9	-	1.85	2.05	6.06	1.81	3.58	4.49
180-103G-A-C	1/2"	-	4.8	1.73	1.93	6.06	1.81	3.58	4.49
180-104G-A-C	3/4"	-	5.43	1.85	2.05	6.06	1.81	3.58	4.49

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant
- Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Optional Check Valve
- Thermal Disinfection Bypass (160°F)
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



# Balancing Valves

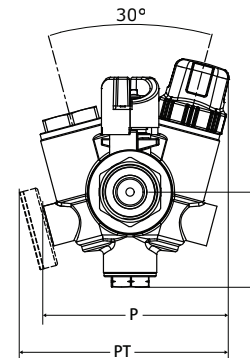
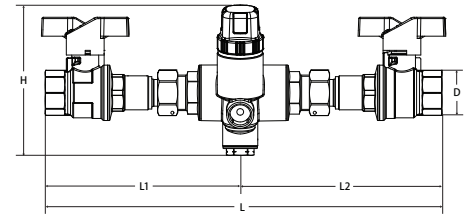


## TB-120MG

**RecircSetter™ | Thermostatic Balancing, Variable Set Point, Dual Isolation, 150 CWP**

Part No.	Size	L	L1	L2	H	I	P	PT
180-103MG-B-I	1/2"	11.5	5.75	5.75	4.41	1.81	3.58	4.02
180-104MG-B-I	3/4"	11.5	5.75	5.75	4.41	1.81	3.58	4.02

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valves
- Union Connection on Ball Valves
- Integrated Check Valve in Downstream Isolation Valve
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available

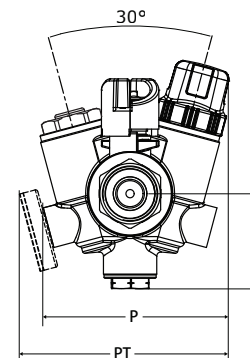
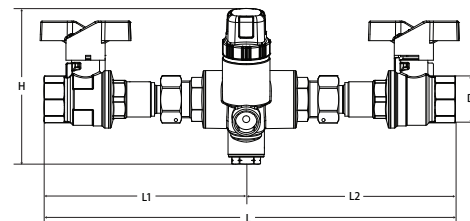


## TB-130MG

**RecircSetter™ | Thermostatic Balancing, Variable Set Point, Dual Isolation, Thermal Disinfection, 150 CWP**

Part No.	Size	L	L1	L2	H	I	P	PT
180-103MG-D-I	1/2"	11.5	5.75	5.75	4.41	1.81	3.58	4.02
180-104MG-D-I	3/4"	11.5	5.75	5.75	4.41	1.81	3.58	4.02

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valves
- Union Connection on Ball Valves
- Integrated Check Valve in Downstream Isolation Valve
- Thermal Disinfection Bypass (160°F)
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



# Balancing Valves

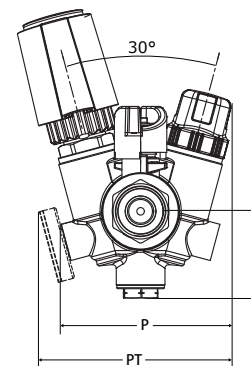
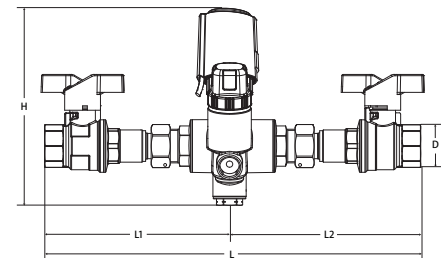


## TB-150MG

**RecircSetter™ | Thermostatic Balancing, Variable Set Point, Dual Isolation, Actuated Thermal Disinfection, 150 CWP**

Part No.	D	L	L1	L2	H	I	P	PT
180-103MG-A-I	1/2"	11.5	5.75	5.75	6.06	1.81	3.82	4.49
180-104MG-A-I	3/4"	11.5	5.75	5.75	6.06	1.81	3.82	4.49

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valves
- Union Connection on Ball Valves
- Integrated Check Valve in Downstream Isolation Valve
- Actuated Thermal Disinfection for use with BMS
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available





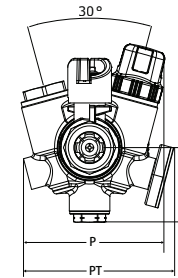
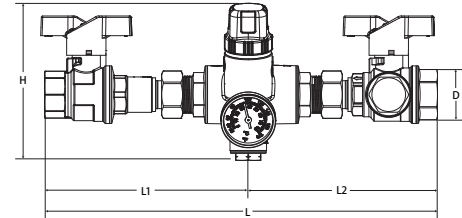
# Balancing Valves

## TB-120MFG

**RecircSetter™ | Thermostatic Balancing Valve, Variable Set Point, Dual Isolation, Integrated Filter Ball® Strainer, 150 CWP**

Part No.	Size	L	L1	L2	H	I	P	PT
180-103MFG-B-I	1/2"	10.98	5.71	5.31	4.41	1.81	3.58	3.78
180-104MFG-B-I	3/4"	10.98	5.71	5.31	4.41	1.81	3.58	3.78

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valve and Filter Ball® Strainer
- Union Connection on Ball Valve
- Integrated Check Valve in Downstream Isolation Valve
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available

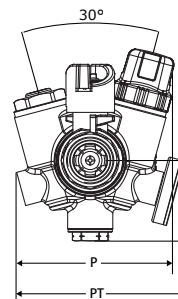
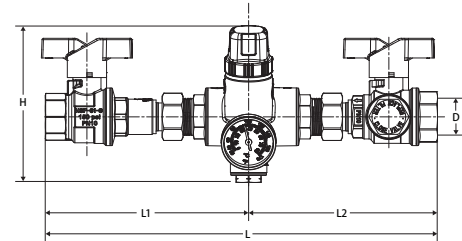


## TB-130MFG

**RecircSetter™ | Thermostatic Balancing Valve, Variable Set Point, Dual Isolation, Integrated Filter Ball® Strainer, Thermal Disinfection, 150 CWP**

Part No.	Size	L	L1	L2	H	I	P	PT
180-103MDG-D-I	1/2"	10.98	5.71	5.31	4.41	1.81	3.58	3.78
180-104MFG-D-I	3/4"	10.98	5.71	5.31	4.41	1.81	3.58	3.78

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valve and Filter Ball® Strainer
- Union Connection on Ball Valve
- Integrated Check Valve in Downstream Isolation Valve
- Thermal Disinfection Bypass (160°F)
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



# Balancing Valves

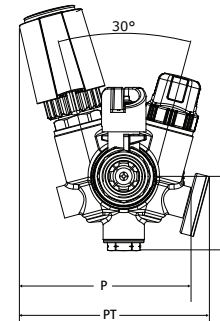
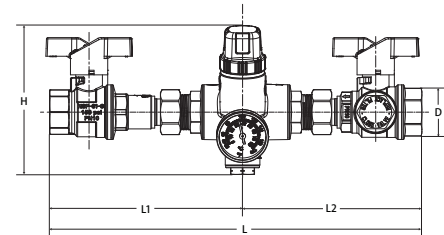


## TB-150MFG

**RecircSetter™ | Thermostatic Balancing Valve, Variable Set Point, Dual Isolation, Integrated Filter Ball® Strainer, Actuated Thermal Disinfection, 150 CWP**

Part No.	D	L	L1	L2	H	I	P	PT
180-103MFG-A-I	1/2"	10.98	5.71	5.31	6.06	1.81	4.25	4.72
180-104MFG-A-I	3/4"	10.98	5.71	5.31	6.06	1.81	4.25	4.72

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valve and Filter Ball® Strainer
- Union Connection on Ball Valve
- Integrated Check Valve in Downstream Isolation Valve
- Actuated Thermal Disinfection for use with BMS
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



# Balancing Valves

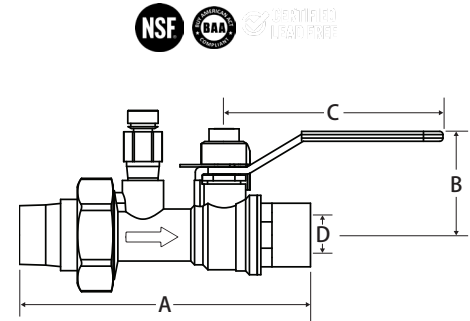


## TBG - FNPT

**Terminator B | Manual Balancing Valve, Quarter-Turn, Fixed Orifice, Threaded or Solder Connection, Union End, Integrated Ball Valve, Memory Stop, PT Ports, 600 WOG**

Part No.	Size	A	B	C	D
TBG-AFF	1/2"	4.03	1.41	2.89	0.78
TBG-BFF	3/4"	4.17	1.57	2.95	0.59

- Dezincification Resistant Brass Alloy
- +/- 2% Accuracy
- Positive Shut-Off
- Triple Sealing Stem with 2 FKM O-Rings and Teflon Seal
- Blow-Out Proof Stem
- Patented Removable Venturi
- Two Pressure Test Ports
- Additional Accessory Tap
- 100% Leak Tested
- 100% Made in Italy
- NSF 61-8 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Leakproof Stem – Lifetime Warranty

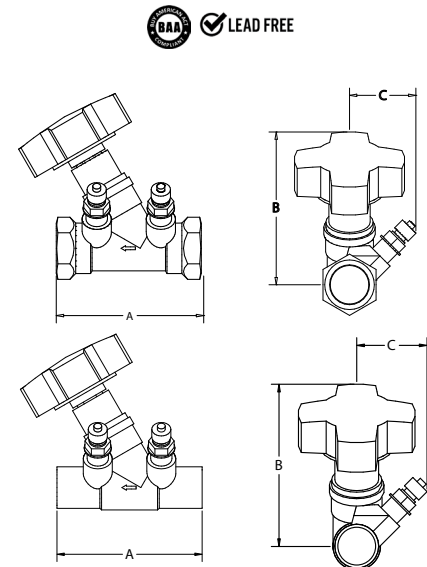


## TGG - FNPT & SWT

**Terminator G | Manual Balancing Valve, Multi-Turn Globe Valve, Y-Pattern, Variable Orifice, Threaded or Solder Connection, Memory Stop, PT Ports, 300 WOG**

Part No.	Size	A	B	C	Min. Flow	Nominal Flow	Max. Flow
TGG-AFF	1/2"	3.39	3.74	1.57	0.14	0.50-3.08	12.10
TGG-BFF	3/4"	3.54	3.74	1.65	0.26	3.80-5.50	17.40
TGG-CFF	1"	4.02	3.78	1.73	0.37	5.50-9.50	30.00
TGG-DFF	1-1/4"	4.72	3.78	1.85	0.60	9.50-14	44.60
TGG-EFF	1-1/2"	5.20	4.25	1.93	0.91	14-20	66.40
TGG-FFF	2"	6.46	4.37	2.09	1.52	20-33	107.20
TGG-ACC	1/2"	3.39	3.74	1.57	0.14	0.50-3.08	12.10
TGG-BCC	3/4"	3.54	3.74	1.65	0.26	3.80-5.50	17.40
TGG-CCC	1"	4.02	3.78	1.73	0.37	5.50-9.50	30.00
TGG-DCC	1-1/4"	4.72	3.78	1.85	0.60	9.50-14	44.60
TGG-ECC	1-1/2"	5.20	4.25	1.93	0.91	14-20	66.40
TGG-FCC	2"	6.46	4.37	2.09	1.52	20-33	107.20

- Dezincification Resistant Brass Alloy
- +/- 5% Accuracy
- Positive Shut-Off
- Two Pressure Test Ports
- Multi-Turn, 360° Handwheel with Vernier
- Scale and Digital Readouts
- Precise Flow Measurement and Flow Balancing
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content
- Lead Free Compliant to NSF 372



# Balancing Valves

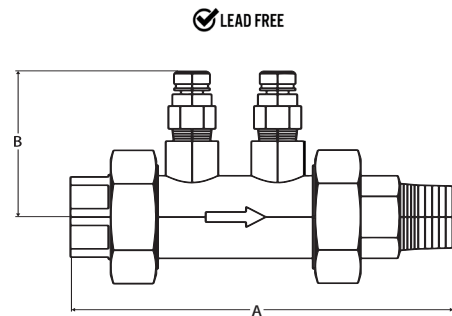
## TAF

**Automatic Balancing Valve, Threaded Connection, Union End, Flow Limiter, PT Ports, 600 WOG**

Part No.	Size	A	B
TAF-AFF	1/2"	5.23	2.29
TAF-BFF	3/4"	5.25	2.29
TAF-CFF	1"	6.32	2.29

\*Lengths is for FNPT x MNPT valve, additional dimensions available upon request

- Dezincification Resistant Brass Alloy
- +/-5% Accuracy
- Two Pressure Test Ports
- Stainless Steel Cartridge
- Design Flow Rate of 0.5 GPM; Other Flow
- Rates Available Upon Request
- Single Reduction Available Upon Request
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content

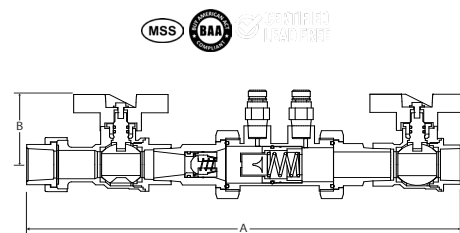


## TRAA-BFF-Q

**Automatic Balancing Valve, Fixed Venturi, Threaded Connection with Drain, Memory Stop, 400 WOG**

Part No.	Size	Connection	A	B
TRAA-BFF-Q	3/4"	FNPT	11.90	2.17

- Dezincification Resistant Brass Alloy
- Cartridge Type Balancing Valve
- Equipped with Isolation Valve with Integrated Drain, and Inline Check Valve
- Patented Ball in Drain for Quarter-Turn Draining
- Design Flow Rate is 0.5 GPM; Other Flow
- Rates Available Upon Request
- 100% Pressure Tested
- 100% Made in Italy
- Wetted Surfaces Contain Less than .25% Lead Content

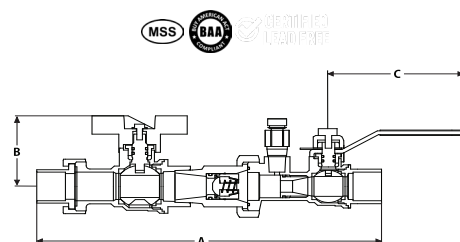


## TRAB-BFF-Q

**Manual Balancing Valve, Fixed Venturi, Threaded Connection with Drain, 600 WOG**

Part No.	Size	Connection	A	B	C
TRAB-BFF-Q	3/4"	FNPT	8.73	2.18	3.64

- Dezincification Resistant Brass Alloy
- Venturi Type Balancing Valve
- Equipped with Isolation Valve with Integrated Drain, and Inline Check Valve
- Patented Ball in Drain Quarter-Turn Draining
- Design Flow Rate is 0.4 - 2 GPM; Other
- Flow Rates Available Upon Request
- 100% Pressure Tested
- 100% Made in Italy
- Wetted Surfaces Contain Less than .25% Lead Content



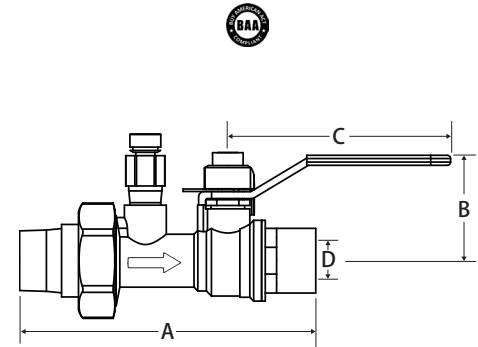
# Balancing Valves

## TB - FNPT & SWT

**Terminator B | Manual Balancing Valve, Quarter-Turn, Fixed Orifice, Threaded or Solder Connection, Union End, Integrated Ball Valve, Memory Stop, PT Ports, 600 WOG**

Part No.	Size	A	B	C	D
TB-AFF TB-ACC	1/2"	4.56	1.57	2.95	0.59
TB-BFF TB-BCC	3/4"	4.88	1.57	2.95	0.59
TB-CFF TB-CCC	1"	5.65	1.93	3.74	0.79
TB-DFE TB-DCC	1-1/4"	7.00	2.44	4.72	0.98
TB-EFF TB-ECC	1-1/2"	7.81	2.64	4.72	1.26
TB-FFF TB-FCC	2"	9.19	3.29	5.91	1.58

- +/- 2% Accuracy
- Positive Shut-Off
- Triple Sealing Stem with 2 Viton® O-Rings and Teflon Seal
- Blow-Out Proof Stem
- Patented Removable Venturi
- Two Pressure Test Ports
- Additional Accessory Tap
- Location Tag Available Upon Request
- 100% Leak Tested
- 100% Made in Italy
- NSF 61-8 & NSF 372 Certified
- Leakproof Stem – Lifetime Warranty

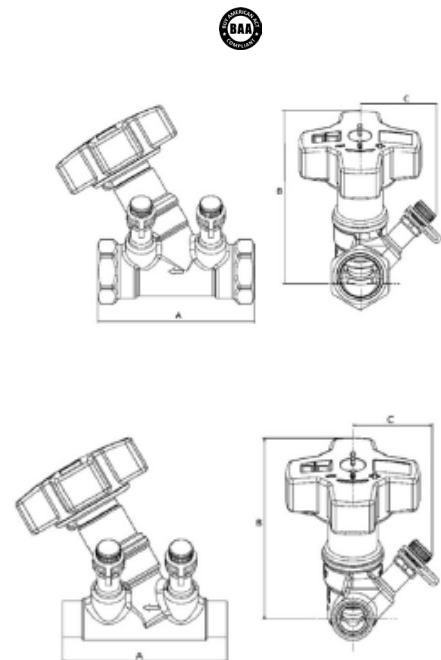


## TG - FNPT & SWT

**Terminator G | Manual Balancing Valve, Multi-Turn Globe Valve, Y-Pattern, Variable Orifice, Threaded or Solder Connection, Memory Stop, PT Ports, 300 WOG**

Part No.	Size	A	B	C	Min. Flow	Nominal Flow	Max. Flow
TG-AFF TG-ACC	1/2"	3.39	3.74	1.57	0.14	0.50-3.08	12.10
TG-BFF TG-BCC	3/4"	3.54	3.74	1.65	0.26	3.80-5.50	17.40
TG-CFF TG-CCC	1"	4.02	3.78	1.73	0.37	5.50-9.50	30.00
TG-DFE TG-DCC	1-1/4"	4.72	3.78	1.85	0.60	9.50-14	44.60
TG-EFF TG-ECC	1-1/2"	5.20	4.25	1.93	0.91	14-20	66.40
TG-FFF TG-FCC	2"	6.46	4.37	2.09	1.52	20-33	107.20

- +/- 5% Accuracy
- Positive Shut-Off
- Integral Metering Orifice Plate
- Two Pressure Test Ports
- Multi-Turn, 360° Handwheel with Vernier
- Scale and Digital Readouts
- Precise Flow Measurement and Flow Balancing
- 100% Leak Tested
- Conforms to BS 7350





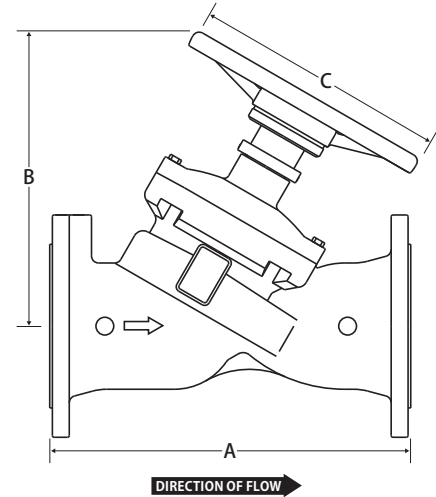
# Balancing Valves

## TG - Flanged

**Terminator G | Manual Balancing Valve, Multi-turn Globe Valve, Y-Pattern, Variable Orifice, Flanged Connection, Memory Stop, PT Ports, 230 WOG**

Part No.	Size	A	B	C
TG-GFF	2-1/2"	11.31	10.26	7.8
TG-HFF	3"	12.09	10.45	7.8
TG-IFF	4"	13.65	11.70	9.36
TG-KFF	6"	18.72	13.26	11.31
TG-LFF	8"	23.4	20.48	13.65
TG-MFF	10"	28.47	22.31	16.38
TG-NFF	12"	33.15	26.75	16.38

- +/- 5% Accuracy
- Positive Shut-Off
- Two Pressure Test Ports
- Precise Flow Management and Flow Balancing
- ANSI Class 150
- EN-558-1 Series 1
- Flange: ANSI B16.5
- Face-to-Face: DIN 3202-1/F1
- Conforms to BS 7350

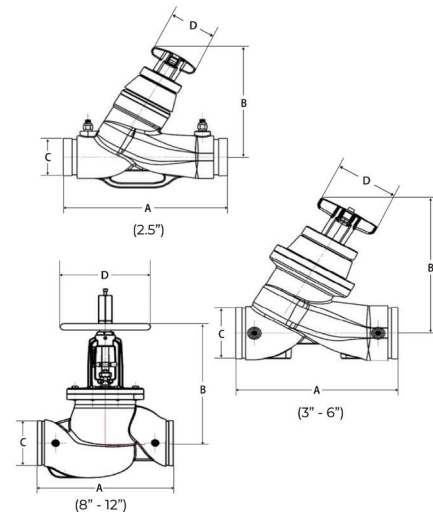


## TG - Grooved

**Terminator G | Manual Balancing Valve, Multi-turn Globe Valve, Y-Pattern, Variable Orifice, Grooved Connection, Memory Stop, PT Ports, 230 WOG**

Part No.	Size	A	B	C	D	NORMAL FLOW	WEIGHT
TG-GGG	2.5"	11.42	8.50	2.88	3.35	39-87	24
TG-HGG	3"	12.20	8.86	3.50	3.35	87-125	33
TG-IGG	4"	13.78	13.19	4.50	3.35	125-213	60
TG-KGG	6"	18.90	15.98	6.63	6.18	300-450	143
TG-LGG	8"	23.62	30.04	8.63	15.75	450-760	363
TG-MGG	10"	28.74	35.12	10.75	15.75	760-920	506
TG-NGG	12"	33.46	37.24	12.75	15.75	920-1500	638

- +/- 5% Accuracy
- Positive Shut-Off
- Two Pressure Test Ports
- Multi-Turn, 360° Handwheel with Vernier
- Scale and Digital Readouts
- Precise Flow Measurement and Flow Balancing





Jomar's patented Add-A-Valve® cuts through copper tubing with a hardened steel stem cutter and expands a Viton® seal across the cut to stop the flow.

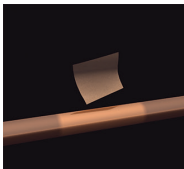
No Pipe Freezing ✓ No Bulky Nitrogen Tanks ✓ No Complete Shutdown ✓

Can be installed on hot (220°F/104°C) or cold water, H2O/Glycol Systems, under pressure, from 0 to 250 PSI/17 bar Max., on type M, L & K copper tube.

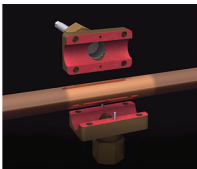
Available in sizes 1/2" - 2" in lead free brass.

Part No.	Size	Weight
800-103ADDG	1/2"	3
800-104ADDG	3/4"	5
800-105ADDG	1"	7
800-106ADDG	1-1/4"	12
800-107ADDG	1-1/2"	16
800-108ADDG	2"	23

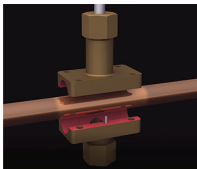
IAPMO Certified



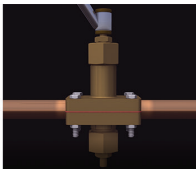
Clean Pipe



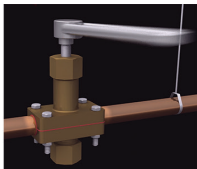
Apply Sealant



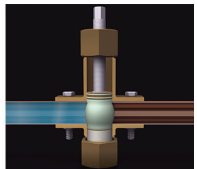
Merge Halves



Test for Leaks



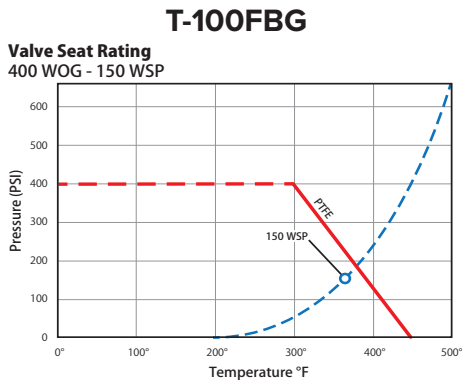
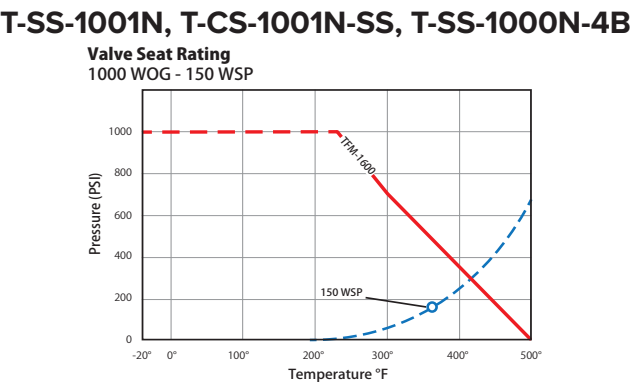
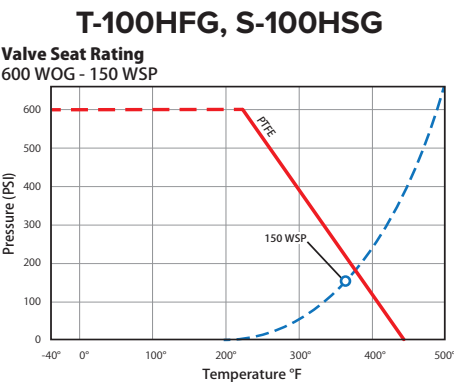
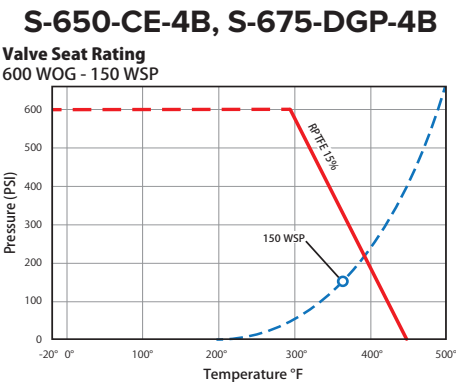
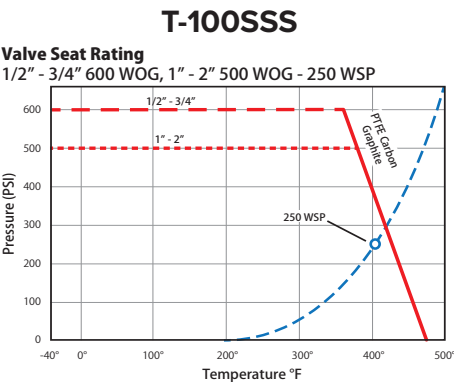
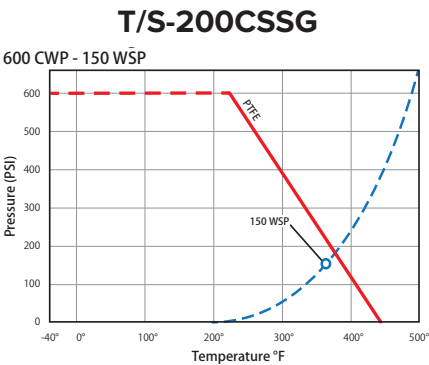
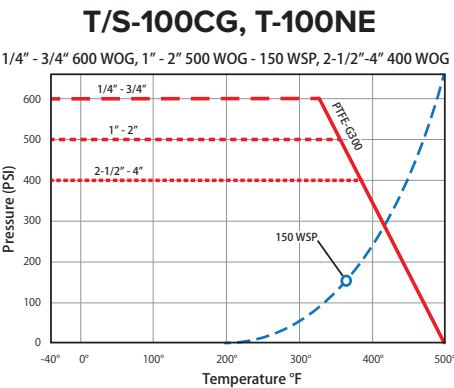
Ratchet Stem Cutter

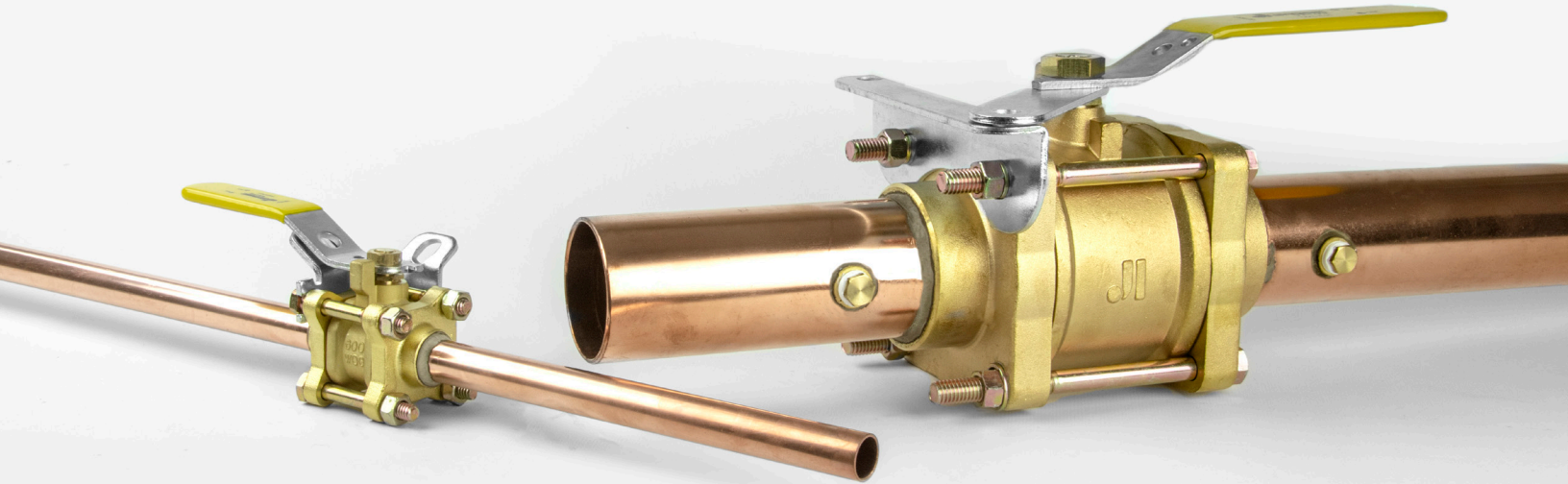


Stop Flow

For proper installation, the installer must watch our [installation video available online at jomarvalve.com](https://www.jomarvalve.com/installation-video).

# Seat Charts





## S-650 & S-675 Series

- NFPA-99C Standard
- Oxygen Cleaned for Medical Gas
- 3 Piece, 4 Bolt Design
- “K” Copper Tubing Extensions Silver Brazed
- Double 1/8” Purge Port Option
- Latch Lock Handle
- Stainless Steel Trim Available
- Individually Bagged and Boxed
- Gland Follower with Single O-Ring
- Blow-Out Proof Stem
- 100% Leak Tested
- 600 WOG
- 1/2" - 2" Available

# Terms and Conditions



UNLESS OTHERWISE SPECIFIED IN WRITING, THE FOLLOWING WILL PREVAIL:

## GENERAL

The possession of the Jomar International catalog and/or literature is not to be construed as an offer to sell the goods listed herein. All orders shall be subject to the approval and acceptance of Jomar International, dba Jomar Valve, hereinafter referred to as the Company, at its principal office in Warren, Michigan.

All Company proposals, all acceptances of Purchaser's orders, and all sales by the Company are expressly limited to, and expressly made conditional upon, the Purchaser's acceptance and assent to the Standard Terms and Conditions of Sale as set forth herein, notwithstanding receipt of, or acknowledgment of, the Purchaser's order form or specifications containing additional or different provisions, or conflicting oral representations by any agent or employee of the Company. No waiver, change or modification of any terms or conditions on the face or reverse hereof shall be binding on the Company unless made in writing and signed by an officer of the Company.

## PRICES AND TERMS

All prices are subject to change without notice. Minimum billing is \$50.00. Terms are 2% 10 days, NET 30 days subject to approved credit. Not applicable to credit card payments. Credit card payments are subject to a 3% credit card convenience fee. Shipments can be expected, prior to establishing credit, by including check with order for full amount or specifying C.O.D. Any order originating outside the contiguous United States, Alaska, Hawaii or Canada shall be subject to an irrevocable letter of Credit confirmed by a U.S. bank or a sight draft. There is a 1-1/2% per month service charge on all balances unpaid by the 1st of the following month (18%) annual interest rate.

## PERFORMANCE GUARANTEE

The Company guarantees to the original purchaser that the equipment of its manufacture will perform at rated capacity as stated only when (1) properly installed, connected, started, operated and maintained in accordance with Company Instruction(s), and/or Information Guide(s), as revised from time to time, and (2) used for the applications specified and (3) used in the environments as specified or as limited. If equipment is part of a greater system, the Company accepts responsibility only for the equipment manufactured by it.

**THIS EQUIPMENT MUST BE INSTALLED, OPERATED, AND MAINTAINED IN ACCORDANCE WITH THE APPROPRIATE INSTRUCTION(S) AND/OR INFORMATION GUIDE(S), AS REVISED FROM TIME TO TIME, PURCHASERS OF THE COMPANY'S EQUIPMENT WAIVE SUBROGATION ON ALL ITEMS COVERED UNDER THEIR OWN OR OTHER INSURANCE.**

## LIMITED WARRANTY ON THE EQUIPMENT ITSELF

The Company, for a period of one year from the date of shipment, warrants each product or system of its own manufacture to the original purchaser to be free from defects in material and workmanship under normal use, service and maintenance. Normal use, service and maintenance means:

- Not in excess of the maximum pressures, temperatures, volumes and rated capacities or other parameters specified in the Company's Product Bulletins, Specification Sheets, and/or quotation(s).
- Using only fluids specified in the Company's Product Bulletins, Specification Sheets, and/or quotations.
- Operation and maintenance in compliance with the appropriate instructions and/or Information Guides.

## FREIGHT ALLOWANCE

All prices are FOB Warren, Michigan with full freight prepaid and allowed within the contiguous United States on shipments of \$2,500.00 net or more excluding ductile/cast iron, stainless steel, and carbon steel products which are \$3,500.00 or more. Any combination of products, items or sizes may be combined to satisfy the dollar amount required to earn full freight allowance. The Company reserves the right to select the most economical routing and shall not be liable by reason of the mode or route of shipment nor held responsible for any assessorial charges beyond the standard freight and fuel charges such as lift-gate, redelivery, re-consignment, residential, lift-gate surcharges, etc.

## EXPORT SHIPMENTS

All prices are FOB plant, Warren, Michigan, with full freight prepaid and allowed to Port of Exit on shipments of \$2,500.00 net or more, excluding ductile/cast iron, stainless steel, and carbon steel products which are \$3,500.00 or more.

## PACKAGING

All list prices are based on domestic packaging. For export packaging, contact the factory for pricing.

## DELIVERY

The quoted time of delivery is understood to be from date of receipt of all necessary information including Purchaser's approval, if applicable. Any delay in delivery of any installment shall not relieve purchaser of its obligation to accept remaining deliveries. The Company shall not be liable for damages or for cancellation of the contract as a result of any delay due to any cause beyond the Company's reasonable control including, but not limited to, act of God, act of the purchaser, embargo or other governmental acts, regulations or requirements, fire accident, labor disputes, war, civil insurrection or riot, delay in transportation or the inability to obtain necessary labor, materials or manufacturing facilities. In the event of any such delay the date of delivery shall be extended for a period equal to the time lost by reason of the delay. All shipments, unless otherwise specified, shall be FOB shipping point and the purchaser assumes responsibility for damage or loss in transit. The Company shall not be liable or responsible by reason of the mode or route of shipment.

Products or goods not of Company manufacture supplied in piece, or as components to a system designed or sold by the Company, are not covered by this warranty. However, the Company will extend to the purchaser the benefit of such adjustment as is obtained from the manufacturer of that component or product. This warranty does not apply to damage caused by any or all of the following circumstances or conditions:

- Freight damage.
- Parts and/or accessories or components not obtained from or approved by the Company.
- Any consequential or incidental damage arising from the use of the product, system or other goods manufactured or sold by the Company.
- Misapplication, misuse, abuse, or failure to follow the Product Instruction Sheets and/or Information Guides

The remedy under this warranty is limited to the repair or replacement of any parts found upon examination by the Company to have been defective, and shall not include removal and reinstallation costs involved in the exchange. The remedy shall be conditioned upon receipt of written notice by the Company of any alleged defects promptly after discovery thereof within the warranty period. Generally, consent, if given, will be upon the condition that the purchaser assumes and prepays all carrier charges.

**THIS WARRANTY IS EXCLUSIVE. THE COMPANY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR MERCHANT ABILITY OF FITNESS FOR A PARTICULAR PURPOSE OR, ANY PURPOSE.**

No person, including any dealer or representative of the Company, is authorized to make any representations concerning the Company products or systems on behalf of the Company or to assume for the Company the obligations contained in this warranty. The Company reserves the right to make design and other changes, modifications or improvements upon its products or systems, without any obligation to install same on any previously sold or delivered products or systems. This warranty gives the purchaser specific legal rights. The purchaser may have other rights that vary from state to state.

## DISPOSITION OF FREIGHT SHIPPING

Freight can be refused based on the following terms and conditions:

- Signs of Damage - It is imperative that prior to signing the Bill of Lading, check for discovered or concealed damage. Discovered damage can be evident on the outside of the box, crate, etc. Concealed damage can be found within the box/crate. Once damage is discovered, please document what you see, and if possible, take pictures to provide to our Customer Service team. Please note, signing for a damaged shipment without proper notation of damages is acknowledging that the shipment arrived undamaged. In addition, to avoid having your claim disputed, please have the truck driver call in the damaged goods to their office and provide an OS&D (Over, Short, & Damaged) claim number.
- Errors on Paperwork - The Bill of Lading should accurately represent exactly what is being shipped, the correct address, the billing party, etc. If there is an error where the shipment is being delivered to the wrong address or person, you can refuse shipment.
- Duplicate Shipment - If you have received a duplicate shipment due to an error on our part, you may refuse shipment.

In the event that you must refuse shipment, please contact our Customer Service team by phone at 586.268.1220 or email [csr@jomar.com](mailto:csr@jomar.com).

## LIMITATION OF LIABILITY

It is expressly agreed that the liability is limited and the Company does not function as an insurer. The purchaser and/or user agree that the Company is not liable for loss, harm or damage due directly or indirectly to any occurrence of consequence therefrom. If the Company should be found liable to anyone in any theory (except any express warranty where the remedy is set forth in this document) for loss, harm, or damage, the liability of the Company shall be limited to the lesser of the actual loss, harm or damage, or the original purchase price of the involved equipment, system or service when sold (or when services performed by) the Company to its customer. This liability is exclusive and regardless of cause or origin resulting directly or indirectly to person or property from:

- The performance or non-performance of any obligation set forth in this warranty and warranty policy.
- Any agreement, oral or written, including specifications, between the Company and the customer.
- Negligence, active, passive or otherwise, of the Company or any of its agents, employees, or independent contractors.
- Breach of any judicially imposed warranty or covenant and,
- Misrepresentation or strict liability involvement.

## SPECIAL PRODUCTS

Special products produced to order, or products not normally stocked, are subject to a 10% overrun or underrun. Pattern equipment, tooling, etc., built for the manufacture of purchaser's products shall at all times remain in the possession of the Company. Since such equipment is made or supplied on a non-profit basis, it shall not be removed from the Company's plant except upon payment of a minimum 20% charge based on the original equipment costs to cover engineering, drafting, and handling. The Company agrees to maintain such equipment except the major repairs or replacement would be at the purchaser's expense. If no orders have been received for production for a period of eighteen months, the Company accepts no liability for the continued existence or availability of such equipment after such period. Written notification advising the customer of the expiration date will not be required of the Company.

## BUYER'S PURCHASE ORDER TERMS

The terms on the purchase order shall not change, enlarge, or modify Company's liability or obligations.

## SHORTAGE AND BREAKAGE

The Company's responsibility for delivery of materials sold FOB shipping point ends when the receipt is obtained from the consignor of the transportation company. It is agreed that the purchaser shall notify the Company of any shortage within five (5) days from receipt of the material. In the event of loss or damage incurred in transit, the carrier shall be responsible and claims for parts broken or lost in shipment are to be filed with the transportation company by the Company.

## CANCELLATION OF ORDERS

If, for any reason, the purchaser desires to cancel an order, such cancellation shall only be with written consent of the Company, and then only after payment is made to the Company for all costs incurred which shall include but not be limited to, material, labor, overhead, and reasonable profit.

## RETURNS AND RESTOCKING CHARGES

Equipment may be returned to Jomar Valve at 7243 Miller Drive, Warren, Michigan 48092, only upon prior written authorization of the Company. Consent, if given, will be upon the condition the purchaser assumes all carrier charges responsibility for damages in transit, and a minimum 15% restocking charge, and then only if the so authorized material is in new and unused condition and returned within one year from the original date of shipment. All returns are issued in the form of material credit toward future purchases. The credit will be based on the original invoice price or the current price, whichever is lower, less the applicable restocking charge. In the event that an end user contacts the Company's office, we will direct them to contact their point of purchase (e.g. Wholesaler) to process any returns.

## SERVICE

Unless otherwise noted herein, the cost of the equipment does not include service or installation. All services performed by the Company are subject to purchaser's payment of the Company's prevailing charges plus necessary travel and living expense.

## TAXES

Any tax or taxes that may be imposed upon the goods that are the subject of this sale, or upon the sale or delivery, shall be added to and become a part of the contract price.

## REGULATIONS

Every contract of sale shall be subject to all applicable state and federal statutes and regulations. The terms of this agreement shall be construed in accordance with the laws of the state of Michigan.



WARRANTY AND LIMITATIONS OF LIABILITY

Jomar Group warrants, to its initial purchaser only, that its products which are delivered to this initial purchaser will be of the kind described in the order or price list and will be free of defects in workmanship or material.

LIFETIME STEM LEAKAGE AND FIVE-YEAR BODY LIMITED WARRANTY

For Jomar Group’s valves listed below, this warranty is for a lifetime period covering leakage through the stem and a five year period from the date of shipment to you, our initial purchaser, covering leakage in or on the body. This warranty applies only to the Jomar Group products listed here:

T-100CG	T-82MG	T-203DU	175-LWIN
S-100CG	T-100NE	T-204	125-LWN
T-100CSSG	S-100NE	T-204DU	125-LWN-S
S-100CSSG	T-100SSE	T-205	125-LWN-SA
JP-100G	T-100SSS	TB-120G	175-LWIBP
JP-100G XLC	T-100FMN	TB-130G	125-LWIBP
JP-100SSG	S-100FMN	TB-150G	125-LWBP
JP-100SSG XLC	T-100UE	TB-120MG	175-LWBP
JP-100HCG	T-100STN	TB-130MG	125-LWUBP
T-100-UEG	JP-100	TB-150MG	175-LWMP
T-100HCG	JP-100 XLC	TB-120MFG	
T-100FBG	S-100-DUE	TB-130MFG	
TWV-3W-KIT-G	T-82-M	TB-150MFG	
TWV-3W-KIT-G1	T-203	175-LWN	

ONE YEAR LIMITED WARRANTY

Jomar Group warrants all other products, to be free of defects in workmanship or material for a period of one year from the date of shipment to you, our initial purchaser.

Should any failure to conform to these warranties appear within the stated period after the date of the initial shipment to our initial purchaser, Jomar Group will, upon written notification thereof and substantiation that the goods have been stored, installed, maintained and operated in accordance with Jomar Group’s recommendations and standard industry practice, correct such defects by suitable repair or replacement at Jomar Group’s own expense.

This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether expressed or implied, except the warranty of title and against patent infringement. Correction of non-conformities, in the manner and for the period of time provided above, shall constitute fulfillment of all liabilities of Jomar Group to our initial purchaser, with respect to the goods, whether based on contract, negligence, strict tort or otherwise. It is the intention of Jomar Group that no warranty of any kind, whether expressed or implied shall pass through our initial purchaser to any other person or corporation. Limitation of liability: Jomar Group shall not under any circumstances be liable for special or consequential damages such as, but not limited to, damages or to loss of other property or equipment, loss of profits or revenue, cost of capital, cost of purchased or replacement goods, or claims of customers of our initial purchaser. The remedies of our initial purchaser, and all others, set forth herein, are exclusive, and the liability of Jomar Group with respect to same shall not, except as expressly provided herein, exceed the price of the goods upon which such liability is based.

In the event that labor reimbursement is agreed upon due to defects in workmanship or material: Jomar Group will reference relevant published industry data to determine a reimbursement value, not to exceed \$75/man-hr and maximum assigned man-hrs per valve as published.

# Competitor Cross Reference



BALL VALVES	JOMAR	NIBCO	APOLLO	MILWAUKEE	WATTS	LEGEND	RED WHITE	MATCO-NORCA
	T-200CSSG	T-585-80-LF	77CLF-100	UPBA-400	LFB6090			
	S-200CSSG	S-585-80-LF	77CLF-200	UPBA-450	LFB6091			
	T-100CG		77FLF-100			T-1001NL	5044AB	759TLF
	S-100CG		77FLF-200			S-1001NL	5049AB	759SLF
	T-100CSSG	T-585-66-LF	77FLF-140	UPBA-400S	LFB6001			
	S-100CSSG	S-585-66-LF	77FLF-240	UPBA-450S	LFB6001			
	JP-100G	PC-FP600A-LF	77VLF/77WLF	UPBA-100 P2		P200NL	5020AB	759PLF
	JP-100SSG	PC-585-66-LF	77LWF-140	UPBA-100S			5020ABS	
	T-422G		EPXV		LFFBV-PEX-F1960	T-1960NL	3400RAB	754PXCELF
	T-200CSS	T-585-70	70-100/77F-100/77G-UL	BA-400	B6000			
	S-200CSS	S-585-70	70-100/77-100	BA-150	B6081			
	T-100NE					T-1001	5044F	759T
	T-100SSE	T-585-70-66	70-140	BA-400S	B6000-SS		5544S	
	T-100SSS	T-585-70-66-ST	70-140-64W	BA-400S3				
	T-100FMN	MTT585-70	70-800	BA-100-M			5581	
	T-100STN		GB-50			T-1100	5060	754DTLF
	JP-100	PC-585-70	77W	BA-100 P2		P-200	5020	
	T-82M / T-83C		94 MBV			T-800/900	5080	755/759MF
	T-CS-1001N-SS	TC-580-CS-R-66-LL	73A-100	20CSOR-N1-LL	C-FBV-1	T-730	7770	25CS
	T-CS-1000N-SS-4B	T-595-CS-R-66-LL	83-100	30CSOF-02-LL				30CS
	T-SS-1001N	T-585-S6-R-66-LL	76F-100	20SSOR-N1-LL	S-FBV-1	T-712	4880	20SS
	T-SS-1000N-4B	T-595-S6-R-66-LL	86R-100	30SSOF-02-LL		T-717	4660	30SS

BALANCING VALVES	JOMAR	NIBCO	CALEFFI	BELL AND GOSSETT	IMI	VICTAULIC	ARMSTRONG	MACON	ACORN	THERMOMEGATECH
	RECIRCSETTER™ TB-120G			TEMPSETTER		THERM ZERO			TEMPFLOW	CS
	RECIRCSETTER™ TB-130G		THERMOSETTER							CSUTD
	RECIRCSETTER™ TB-150G		THERMOSETTER							
	TBG	T/S-1805	FLO-SET	CIRCUIT SETTER	UA ZERO		CBV-LF	MB		
	TGG-FNPT	T-1810-LF	FLO-SET	CIRCUIT SETTER		TA SERIES 790		STV LOW LEAD		
	TGG-SWT	S-1810-LF	FLO-SET	CIRCUIT SETTER				STVL LOW LEAD		
	TAF LEAD FREE	T/S-1880			ICSS LEAD FREE		ICSS	AL LOW LEAD		
	TB-FNPT	T-1805	FLO-SET	CIRCUIT SETTER	UA		CBV			
	TB-SWT	S-1805	FLO-SET	CIRCUIT SETTER	UA					
	TG-FNPT	T-1810	QUICKSETTER	CIRCUIT SETTER						
	TG-SWT	S-1810	QUICKSETTER	CIRCUIT SETTER						
	TG-FLANGED	F739		CIRCUIT SETTER	VF	TA SERIES 788	CBV-GS	VF		
	TG-GROOVED				VG	TA SERIES 789	CBV-FS	VG		

# Competitor Cross Reference



	JOMAR	NIBCO	APOLLO	MILWAUKEE	WATTS	LEGEND	RED WHITE	MATCO-NORCA
BUTTERFLY VALVES	BFV-LUG (E)	LD-2022	LD141	ML134E	BF-03	T-365SS	938DEML	B5LE
	BFV-LUG (B)	LD-2122	LD141	ML134B	BF-03	T-367SS	938DNML	B5LB
	BFV-LUG (P)							
	BFV-LUG (V)	LD-2222	LD141	ML234V	BF-03			
	BFV-WAFER (E)	WD-2022	WD141	MW134E	BF-04	T-335SS	937DEML	B5WE
	BFV-WAFER (B)	WD-2122	WD141	MW134B	BF-04	T-337SS	937SNML	B5WB
	BFV-WAFER (P)							
	BFV-WAFER (V)	WD-2222	WD141		BF-04			
	HPBFV-CS-150	G1L-CSS	215L	HP1LCS				
	HPBFV-SS-150	G1L-SSS	215L	HP1LSS				
	HPBFV-CS-300	G3L-CSS	230L	HP3LCS				
	HPBFV-SS-300	G3L-SSS	230L	HP3LSS				
GATE VALVES	T-351G	T-111-LF	101T-LF	UP148				512LF
	S-351G	S-111-LF	101S-LF	UP149				512LF
	T-301G	T-113-LF	102T-LF	UP667	LFWGV	T-401NL	267AB	514TLF
	S-301G	S-113-LF	102S-LF	UP668	LFWGV	S-401NL	268AB	514CLF
	T-301	TI-8	102T	105	WGV-X	T-401	267	514T
	S-301	SI-8	102S	115	LFWGV	S-401	268	514C
	F-351	F-619	610F	F-2882	405-NRS-RW	T-301	415	100F
	F-361	F-617-0	611F	F-2885	408-OSY-RW	T-303	421	105F
CHECK VALVES	T-511G	T-413-Y-LF	163T-LF			T-453NL	236AB	
	S-511G	S-413-Y-LF	163S-LF			S-453NL	237AB	
	T-521G	T-480-Y-LF	61LF-100	UP548T	LF600 / LF601	T-450NL	232AB	525TFL
	S-521G	S-480-Y-LF		UP1548T	LF601S	S-455NL	233AB	525CLF
	T-501G			UP509	LFWCV	T-451NL	246AB	521TLF
	S-501G			UP1509	LFWCVS	S-451NL	247AB	521CLF
	P-501G			UP969		P-451NL		
	T-511	T-413-Y	164T	515Y	CVY	T-453	236B	532T
	S-511	S-413-Y	161S	1509Y	CVYS	S-453		532C
	T-501	TI-3		509		T-451	246	521T
	S-501	SI-3		1509		S-451	247	521C
	T-550					T-750	884	60SS
	F-571	F-918-N	920F	F-2974	411	T-311	435	115F
	F-591	W-910-SS	910WB-LF	8800	ICV-125-2-2-T	T-312	442	CVC
	T-100FBG							
STRAINERS	T-651G	T221A	59-LF			T-15NL	380AB	145TLF
	S-651G	S221A	59LF-300			S-15NL	387AB	145CLF
	F-651	F-751-A	YCF		77F-DI-125	T-19	381	140F

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