



# COMMERCIAL CATALOG







## COMMERCIAL CATALOG

---

7243 MILLER DRIVE  
WARREN, MI 48092

586.268.1220  
CSR@JOMAR.COM

JOMARVALVE.COM

---



LINKEDIN.COM/COMPANY/  
JOMARVALVE



@JOMAR\_VALVE



YOUTUBE.COM/  
@JOMARVALVE

---



## 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



---

VISIT OUR WEBSITE  
TO LEARN MORE







SCAN CODE ON PRODUCT PAGES TO VIEW SPECIFICATIONS

**11 BALL VALVES**

**LEAD FREE BRONZE BALL VALVES**

T-200CSSG ..... 12  
 S-200CSSG ..... 13  
 T-200CSSG-LH ..... 13  
 S-200CSSG-LH ..... 13  
 T-200CSSG-IH ..... 14  
 S-200CSSG-IH ..... 14  
 T-200CSSG-EH ..... 14  
 S-200CSSG-EH ..... 15

**LEAD FREE BRASS BALL VALVES**

T-100CG ..... 16  
 S-100CG ..... 16  
 T-100CG-LH ..... 16  
 S-100CG-LH ..... 17  
 T-100CG-IH ..... 17  
 S-100CG-IH ..... 17  
 T-100CSSG ..... 18  
 S-100CSSG ..... 18  
 T-100CSSG-LH ..... 18  
 S-100CSSG-LH ..... 19  
 T-100CSSG-IH ..... 19  
 S-100CSSG-IH ..... 19  
 JP-100G ..... 20  
 JP-100G-LH ..... 21  
 JP-100G-IH ..... 21  
 JP-100G-XLC ..... 21  
 JP-100SSG ..... 22  
 JP-100SSG-LH ..... 22  
 JP-100SSG-IH ..... 22  
 JP-100SSG-XLC ..... 23  
 T-100HCG ..... 23  
 JP-100HCG ..... 23  
 T-100HFG ..... 24  
 S-100HSG ..... 24  
 P-100HPG ..... 24  
 Lead Free Add-a-Valve ..... 25

**BRONZE BALL VALVES**

T-200CSS ..... 26  
 S-200CSS ..... 26  
 T-200CSS-LH ..... 26  
 S-200CSS-LH ..... 27  
 T-200CSS-IH ..... 27  
 S-200CSS-IH ..... 27  
 T-200CSS-EH ..... 28  
 S-200CSS-EH ..... 28  
 T-200SS-4B ..... 28  
 S-200SS-4B ..... 28

**BRASS BALL VALVES**

T-100NE ..... 29  
 T-100SSS ..... 30  
 T-100FMN ..... 30  
 T-100UE ..... 30  
 T-100STN ..... 31

**MEDICAL GAS BALL VALVES**

S-650-CE-4B ..... 32  
 S-675-DGP-4B ..... 32  
 S-675-DGP-4B-SS ..... 32

**33 BUTTERFLY VALVES**

**RESILIENT SEATED BUTTERFLY VALVES**

BFV-Lug ..... 34  
 BFV-Wafer ..... 34  
 Lever Handle ..... 35  
 Gear Operator ..... 35

**HIGH PERFORMANCE BUTTERFLY VALVES**

HPBFV Carbon Steel Class 150 ..... 36  
 HPBFV Stainless Steel Class 150 ..... 37  
 HPBFV Carbon Steel Class 300 ..... 37  
 HPBFV Stainless Steel Class 300 ..... 38  
 HPBFV Lever Handles ..... 38  
 HPBFV Gear Operator ..... 39

**41 GATES, CHECKS, & STRAINERS**

**LEAD FREE BRONZE GATE VALVES**

T-351G ..... 42  
 S-351G ..... 42

**LEAD FREE BRASS GATE VALVES**

T-301G ..... 43  
 S-301G ..... 43

**CAST IRON GATE VALVES**

F-351 ..... 44  
 F-361 ..... 44

**LEAD FREE BRONZE CHECK VALVES**

T-511G ..... 45  
 S-511G ..... 45  
 P-511G ..... 45

**LEAD FREE BRASS CHECK VALVES**

T-521G ..... 46  
 S-521G ..... 47  
 T-521G MxP ..... 47  
 P-521G ..... 47  
 E-521G ..... 48  
 T-501G ..... 48  
 S-501G ..... 48  
 P-501G ..... 49

**CAST IRON CHECK VALVES**

F-571 ..... 50  
 F-591 ..... 50  
 F-592 ..... 50

**LEAD FREE BRONZE STRAINERS**

T-651G ..... 51  
 S-651G ..... 51  
 P-651G ..... 51

**LEAD FREE BRASS STRAINERS**

T-100FBG ..... 52

**CAST IRON STRAINERS**

F-651 ..... 53

**55 ACCESSORIES**

Lever Handles ..... 56  
 Locking Handles ..... 56-57  
 Long Neck T-Handle ..... 58  
 Oval Handle ..... 58  
 Thermal-Blocks™ ..... 58  
 Slo-Ball Handle ..... 59  
 Memory Stop ..... 59  
 Square Head Top ..... 59  
 Stem Extensions ..... 59-60  
 Filter Ball® Replacement Filters ..... 60

**61 ADDITIONAL RESOURCES**

Seat Charts ..... 61  
 Additional Valve Solutions ..... 63-68  
 Stocking Warehouses ..... 69  
 Terms & Conditions ..... 70  
 Warranty ..... 71  
 Competitor Cross Reference ..... 72-73

# DEZINCIFICATION RESISTANT BRASS VALVES

## 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.

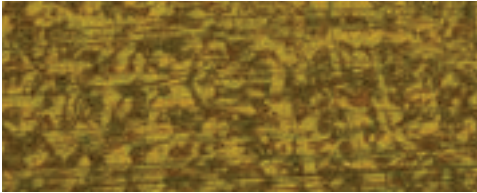


FIGURE 1

### 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.

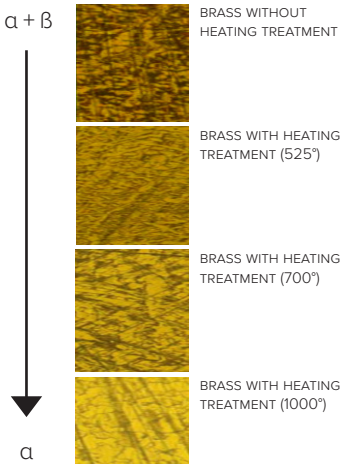
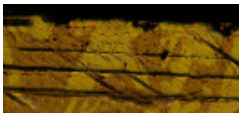


FIGURE 2

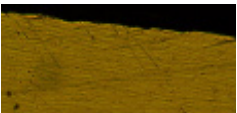
### THE RESULTS

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

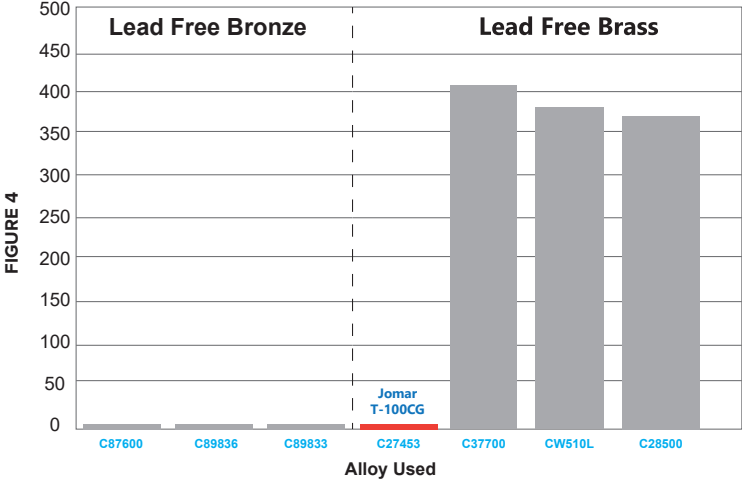


C27453: 0 MICRON  
FIGURE 3.2

## CONCLUSION

For years, bronze valve manufacturers 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 & 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.

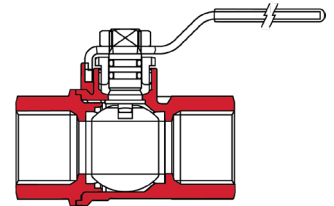


VQGU - Trim and Drain  
MHKZ - Manual Valves  
YQNZ - Compressed Gas  
YRBX - Flammable Liquid  
YRPV - Gas  
YSDT - LP Gas <sup>1</sup>

## NOTABLE FEATURES

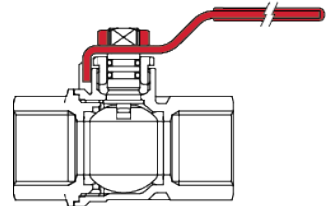
### Heat-Treated DZR Brass Alloy

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



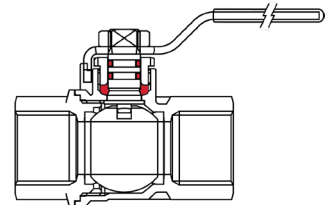
### Geomet® Handle and Nut

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



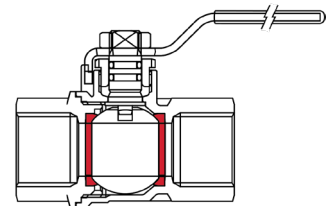
### Triple Stem Seal

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.



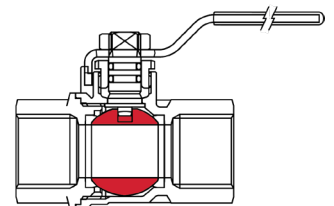
### Second Generation PTFE Seats

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.





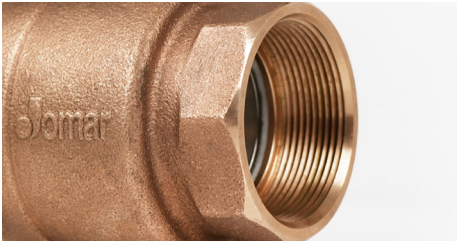


# BALL VALVES

# T-200CSSG



STANDARD STAINLESS STEEL TRIM



HEAVY COMMERCIAL PATTERN



MULTIPLE ACCESSORIES



## T-200CSSG

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



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
200-401SSG	1/4"	50	10	29
200-402SSG	3/8"	50	10	27
200-403SSG	1/2"	40	10	29
200-404SSG	3/4"	27	3	32
200-405SSG	1"	18	6	33
200-406SSG	1-1/4"	12	2	29
200-407SSG	1-1/2"	8	4	31
200-408SSG	2"	4	1	24
200-409SSG	2-1/2"	2	1	29
200-410SSG	3"	1	1	20

- Dezincification Resistant 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





### S-200CSSG

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



CERTIFIED LEAD FREE

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
200-413SSG	1/2"	48	12	33
200-414SSG	3/4"	24	8	28
200-415SSG	1"	16	4	31
200-416SSG	1-1/4"	12	2	29
200-417SSG	1-1/2"	8	1	32
200-418SSG	2"	4	1	26
200-419SSG	2-1/2"	2	1	28
200-420SSG	3"	1	1	20

- Dezincification Resistant 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



### T-200CSSG-LH

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



CERTIFIED LEAD FREE

PART NUMBER	SIZE
200-401SSG-LH	1/4"
200-402SSG-LH	3/8"
200-403SSG-LH	1/2"
200-404SSG-LH	3/4"
200-405SSG-LH	1"
200-406SSG-LH	1-1/4"
200-407SSG-LH	1-1/2"
200-408SSG-LH	2"
200-409SSG-LH	2-1/2"
200-410SSG-LH	3"

- Dezincification Resistant 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



### S-200CSSG-LH

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



CERTIFIED LEAD FREE

PART NUMBER	SIZE
200-413SSG-LH	1/2"
200-414SSG-LH	3/4"
200-415SSG-LH	1"
200-416SSG-LH	1-1/4"
200-417SSG-LH	1-1/2"
200-418SSG-LH	2"
200-419SSG-LH	2-1/2"
200-420SSG-LH	3"

- Dezincification Resistant 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



# LEAD FREE BRONZE BALL VALVES



## T-200CSSG-IH

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



PART NUMBER	SIZE
200-403SSG-IH	1/2"
200-404SSG-IH	3/4"
200-405SSG-IH	1"
200-406SSG-IH	1-1/4"
200-407SSG-IH	1-1/2"
200-408SSG-IH	2"

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- UL 2043 Certified Handle
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



## S-200CSSG-IH

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



PART NUMBER	SIZE
200-413SSG-IH	1/2"
200-414SSG-IH	3/4"
200-415SSG-IH	1"
200-416SSG-IH	1-1/4"
200-417SSG-IH	1-1/2"
200-418SSG-IH	2"

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- UL 2043 Certified Handle
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



## T-200CSSG-EH

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



PART NUMBER	SIZE
200-401SSG-EH	1/4"
200-402SSG-EH	3/8"
200-403SSG-EH	1/2"
200-404SSG-EH	3/4"
200-405SSG-EH	1"
200-406SSG-EH	1-1/4"
200-407SSG-EH	1-1/2"
200-408SSG-EH	2"

- Dezincification Resistant 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





**S-200CSSG-EH**

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



PART NUMBER	SIZE
200-413SSG-EH	1/2"
200-414SSG-EH	3/4"
200-415SSG-EH	1"
200-416SSG-EH	1-1/4"
200-417SSG-EH	1-1/2"
200-418SSG-EH	2"

- Dezincification Resistant 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



# LEAD FREE BRASS BALL VALVES



## T-100CG

2 Piece, Full Port, Threaded Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-403G	1/2"	64	16	55
100-404G	3/4"	72	12	56
100-405G	1"	36	6	45
100-406G	1-1/4"	16	4	31
100-407G	1-1/2"	8	2	26
100-408G	2"	12	2	58
100-409G	2-1/2"	2	1	20
100-410G	3"	2	1	28
100-411G	4"	2	1	46

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 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
- Accessories Available



## S-100CG

2 Piece, Full Port, Solder Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-413G	1/2"	120	12	53
100-414G	3/4"	48	12	57
100-415G	1"	36	6	49
100-416G	1-1/4"	24	4	48
100-417G	1-1/2"	16	2	52
100-418G	2"	12	2	63
100-419G	2-1/2"	2	1	17
100-420G	3"	2	1	25
100-421G	4"	1	1	24

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 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
- Accessories Available

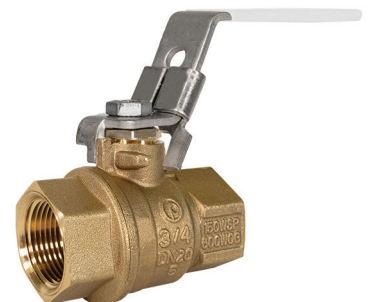


## T-100CG-LH

2 Piece, Full Port, Threaded Connection, Locking Handle, 600 WOG

PART NUMBER	SIZE
100-403G-LH	1/2"
100-404G-LH	3/4"
100-405G-LH	1"
100-406G-LH	1-1/4"
100-407G-LH	1-1/2"
100-408G-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 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





**S-100CG-LH**

2 Piece, Full Port, Solder Connection, Locking Handle, 600 WOG

PART NUMBER	SIZE
100-413G-LH	1/2"
100-414G-LH	3/4"
100-415G-LH	1"
100-416G-LH	1-1/4"
100-417G-LH	1-1/2"
100-418G-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 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-100CG-IH**

2 Piece, Full Port, Threaded Connection, Insulated Handle, 600 WOG

PART NUMBER	SIZE
100-403G-IH	1/2"
100-404G-IH	3/4"
100-405G-IH	1"
100-406G-IH	1-1/4"
100-407G-IH	1-1/2"
100-408G-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



**S-100CG-IH**

2 Piece, Full Port, Solder Connection, Insulated Handle, 600 WOG

PART NUMBER	SIZE
100-413G-IH	1/2"
100-414G-IH	3/4"
100-415G-IH	1"
100-416G-IH	1-1/4"
100-417G-IH	1-1/2"
100-418G-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



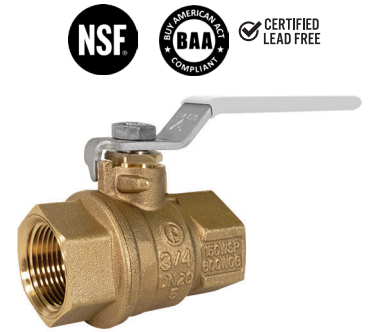


## T-100CSSG

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-403SSG	1/2"	64	16	35
100-404SSG	3/4"	72	12	55
100-405SSG	1"	36	6	45
100-406SSG	1-1/4"	24	4	47
100-407SSG	1-1/2"	16	2	51
100-408SSG	2"	12	2	58

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 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
- Accessories Available



## S-100CSSG

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-413SSG	1/2"	120	12	51
100-414SSG	3/4"	48	12	57
100-415SSG	1"	36	6	47
100-416SSG	1-1/4"	24	4	47
100-417SSG	1-1/2"	16	2	53
100-418SSG	2"	12	2	63

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 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
- Accessories Available

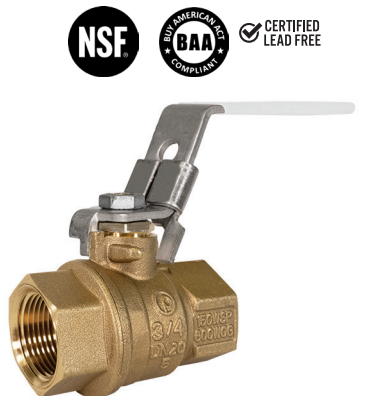


## T-100CSSG-LH

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

PART NUMBER	SIZE
100-403SSG-LH	1/2"
100-404SSG-LH	3/4"
100-405SSG-LH	1"
100-406SSG-LH	1-1/4"
100-407SSG-LH	1-1/2"
100-408SSG-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 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





**S-100CSSG-LH**

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



PART NUMBER	SIZE
100-413SSG-LH	1/2"
100-414SSG-LH	3/4"
100-415SSG-LH	1"
100-416SSG-LH	1-1/4"
100-417SSG-LH	1-1/2"
100-418SSG-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 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-100CSSG-IH**

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



PART NUMBER	SIZE
100-403SSG-IH	1/2"
100-404SSG-IH	3/4"
100-405SSG-IH	1"
100-406SSG-IH	1-1/4"
100-407SSG-IH	1-1/2"
100-408SSG-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



**S-100CSSG-IH**

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



PART NUMBER	SIZE
100-413SSG-IH	1/2"
100-414SSG-IH	3/4"
100-415SSG-IH	1"
100-416SSG-IH	1-1/4"
100-417SSG-IH	1-1/2"
100-418SSG-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content

# JP-100G



LEAK DETECTION O-RINGS



2ND GENERATION PTFE SEATS



BLOW-OUT PROOF STEM & SELF-LOCKING NUT



## JP-100G

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-203G	1/2"	60	10	55
100-204G	3/4"	60	10	53
100-205G	1"	24	6	50
100-206G	1-1/4"	16	4	33
100-207G	1-1/2"	10	1	38
100-208G	2"	4	1	24

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- 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
- Accessories Available





### JP-100G-LH

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

PART NUMBER	SIZE
100-203G-LH	1/2"
100-204G-LH	3/4"
100-205G-LH	1"
100-206G-LH	1-1/4"
100-207G-LH	1-1/2"
100-208G-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 20 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



### JP-100G-IH

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

PART NUMBER	SIZE
100-203G-IH	1/2"
100-204G-IH	3/4"
100-205G-IH	1"
100-206G-IH	1-1/4"
100-207G-IH	1-1/2"
100-208G-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- UL 2043 Certified handle
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content

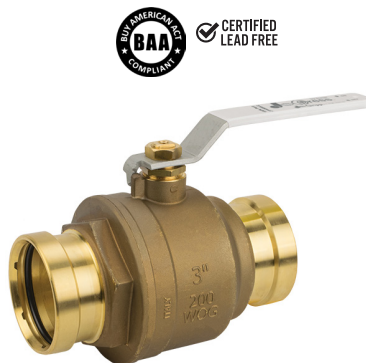


### JP-100G XLC

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

PART NUMBER	SIZE	CASE	WEIGHT
100-209XLCG	2-1/2"	2	18
100-210XLCG	3"	2	28
100-211XLCG	4"	1	26

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content





## JP-100SSG

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-203SSG	1/2"	60	10	54
100-204SSG	3/4"	60	10	52
100-205SSG	1"	40	6	50
100-206SSG	1-1/4"	24	4	51
100-207SSG	1-1/2"	4	1	39
100-208SSG	2"	4	1	24

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



## JP-100SSG-LH

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

PART NUMBER	SIZE
100-203SSG-LH	1/2"
100-204SSG-LH	3/4"
100-205SSG-LH	1"
100-206SSG-LH	1-1/4"
100-207SSG-LH	1-1/2"
100-208SSG-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content



## JP-100SSG-IH

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

PART NUMBER	SIZE
100-203SSG-IH	1/2"
100-204SSG-IH	3/4"
100-205SSG-IH	1"
100-206SSG-IH	1-1/4"
100-207SSG-IH	1-1/2"
100-208SSG-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content





**JP-100SSG XLC**

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



PART NUMBER	SIZE	CASE	WEIGHT
100-209XLCSSG	2-1/2"	2	18
100-210XLCSSG	3"	2	28
100-211XLCSSG	4"	1	26

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content



**T-100HCG**

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



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-753G	1/2" NPT X 3/4" HOSE	100	10	46
100-754G	3/4" NPT X 3/4" HOSE	60	10	60

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Hose Connection with Strapped Cap
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content



**JP-100HCG**

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



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-773G	1/2" PRESS X 3/4" HOSE	100	10	46
100-774G	3/4" PRESS X 3/4" HOSE	60	10	60

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Hose Connection with Strapped Cap
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content

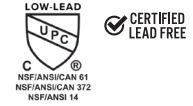
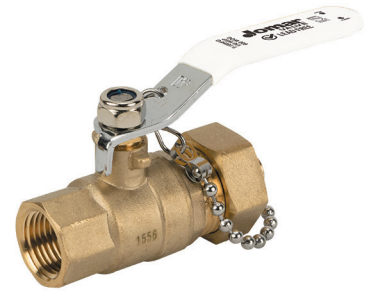


## T-100HFG

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-653G	1/2" x 3/4" Hose	100	10	60
100-654G	3/4" x 3/4" Hose	60	10	57

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Cap and Chain for Easy Drain and Hose Connection
- Heavy Steel Chain
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



## S-100HSG

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-663G	1/2" x 3/4" Hose	100	10	46
100-664G	3/4" x 3/4" Hose	60	10	75

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Cap and Chain for Easy Drain and Hose Connection
- Heavy Steel Chain
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



## P-100HPG

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-673G	1/2" x 3/4" Hose	100	10	60
100-674G	3/4" x 3/4" Hose	100	10	60

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Cap and Chain for Easy Drain and Hose Connection
- Heavy Steel Chain
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content





**Lead Free Add-a-Valve**  
Emergency Shut Off Device



PART NUMBER	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

- Dezincification Resistant Brass Alloy
- Eliminates Facility Shutdowns
- Cuts Through Copper Tubing with a Hardened Steel Stem Cutter
- Expands a Viton® Seal Across Cut to Stop Flow
- No Pipe Freezing, No Bulky Nitrogen Tanks, No Complete Shutdown
- Bottom Cleanout Cap Serves as Line Tap
- Lead Free Sweat Ball Valve Included in Package
- Loc-Tite® Gasket Sealant Included
- U.S. and Canadian Patent No. 5,316,037
- Can be Installed on Potable Hot/Cold Water and Water/Glycol Systems
- IAPMO Certified - NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content





## T-200CSS

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



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
200-701	1/4"	50	10	29
200-702	3/8"	50	10	27
200-703	1/2"	40	10	29
200-704	3/4"	27	3	32
200-705	1"	18	6	33
200-706	1-1/4"	12	2	29
200-707	1-1/2"	8	4	31
200-708	2"	4	1	24

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



## S-200CSS

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



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
200-803	1/2"	48	12	33
200-804	3/4"	24	8	28
200-805	1"	16	4	31
200-806	1-1/4"	12	2	29
200-807	1-1/2"	8	1	32
200-808	2"	4	1	26

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



## T-200CSS-LH

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



PART NUMBER	SIZE
200-701-LH	1/4"
200-702-LH	3/8"
200-703-LH	1/2"
200-704-LH	3/4"
200-705-LH	1"
200-706-LH	1-1/4"
200-707-LH	1-1/2"
200-708-LH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating





**S-200CSS-LH**

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

PART NUMBER	SIZE
200-803-LH	1/2"
200-804-LH	3/4"
200-805-LH	1"
200-806-LH	1-1/4"
200-807-LH	1-1/2"
200-808-LH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



**T-200CSS-IH**

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

PART NUMBER	SIZE
200-703-IH	1/2"
200-704-IH	3/4"
200-705-IH	1"
200-706-IH	1-1/4"
200-707-IH	1-1/2"
200-708-IH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- UL-2043 Certified Handle
- 29 in-Hg Vacuum Rating



**S-200CSS-IH**

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

PART NUMBER	SIZE
200-803-IH	1/2"
200-804-IH	3/4"
200-805-IH	1"
200-806-IH	1-1/4"
200-807-IH	1-1/2"
200-808-IH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- UL-2043 Certified Handle
- 29 in-Hg Vacuum Rating





## T-200CSS-EH

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



PART NUMBER	SIZE
200-701-EH	1/4"
200-702-EH	3/8"
200-703-EH	1/2"
200-704-EH	3/4"
200-705-EH	1"
200-706-EH	1-1/4"
200-707-EH	1-1/2"
200-708-EH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



## S-200CSS-EH

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



PART NUMBER	SIZE
200-803-EH	1/2"
200-804-EH	3/4"
200-805-EH	1"
200-806-EH	1-1/4"
200-807-EH	1-1/2"
200-808-EH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



## T-200SS-4B

3 Piece 4 Bolt, Full Port, Threaded Connection, Stainless Steel Trim, Locking Handle, 600 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
500-703-LH	1/2"	32	8	42
500-704-LH	3/4"	24	6	45
500-705-LH	1"	16	4	45
500-706-LH	1-1/4"	12	3	50
500-707-LH	1-1/2"	8	2	47
500-708-LH	2"	6	2	51

- Dezincification Resistant Bronze
- Locking Device Comes Standard
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content



## S-200SS-4B

3 Piece 4 Bolt, Full Port, Solder Connection, Stainless Steel Trim, Locking Handle, 600 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
500-713-LH	1/2"	32	8	39
500-714-LH	3/4"	24	6	43
500-715-LH	1"	16	4	41
500-716-LH	1-1/4"	12	3	50
500-717-LH	1-1/2"	8	2	40
500-718-LH	2"	6	2	50

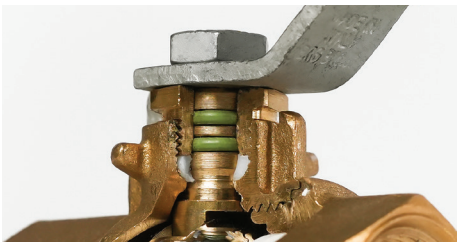
- Dezincification Resistant Bronze
- Locking Device Comes Standard
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content



# T-100NE



VIBRATION PROOF SELF-LOCKING NUT



DOUBLE FKM O-RINGS



T.E.A. COATED BRASS BALL



## T-100NE

2 Piece, Full Port, Threaded Connection, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-701	1/4"	120	12	43
100-702	3/8"	120	12	41
100-703	1/2"	60	10	35
100-704	3/4"	60	10	53
100-704RAT*	3/4"	60	10	52
100-705	1"	36	6	56
100-706	1-1/4"	16	4	37
100-707	1-1/2"	16	2	52
100-708	2"	12	2	61
100-709	2-1/2"	6	2	59
100-710	3"	4	2	57
100-711	4"	2	1	46

\*RED ALUMINUM HANDLE

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available





## T-100SSS

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-533	1/2"	60	10	55
100-534	3/4"	60	6	52
100-535	1"	36	6	57
100-536	1-1/4"	24	4	58
100-537	1-1/2"	16	2	59
100-538	2"	12	2	71

- Triple Sealing Stem with 2 FKM O-Rings and Graphite Seal
- 250 WSP
- Special High Temperature Resistant Handle
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available



## T-100FMN

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-601	1/4"	100	10	36
100-602	3/8"	100	10	36
100-603	1/2"	100	10	54
100-604	3/4"	60	10	53
100-605	1"	36	6	55

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available

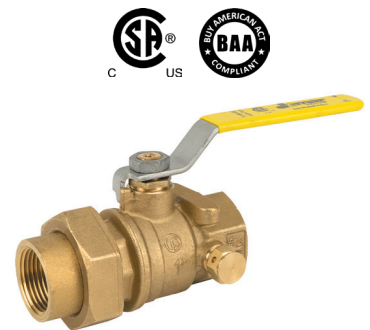


## T-100UE

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
160-103	1/2"	60	10	54
160-104	3/4"	36	6	48
160-105	1"	24	4	53
160-106	1-1/4"	16	2	59
160-107	1-1/2"	8	2	39
160-108	2"	8	2	59

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 3/8"-1/2": 1/8" FIP Side Tap
- 3/4"-2": 1/4" FIP Side Tap
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available





## T-100STN

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



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
170-103	1/2"	80	8	52
170-104	3/4"	60	10	58
170-105	1"	36	6	59
170-106	1-1/4"	24	4	63
170-107	1-1/2"	16	2	56
170-108	2"	12	2	64

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- FIP x Union FIP
- 3/8"-1/2": 1/8" FIP Side Tap
- 3/4"-2": 1/4" FIP Side Tap
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available





## S-650-CE-4B

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

PART NUMBER	SIZE	WEIGHT
500-803	1/2"	2
500-804	3/4"	3
500-805	1"	4
500-806	1-1/4"	5
500-807	1-1/2"	7
500-808	2"	17

- NFPA-99C Standard
- "K" Copper Tubing Extensions Silver Brazed
- Latch Lock Handle is Standard
- Oxygen Cleaned
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



## S-675-DGP-4B

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

PART NUMBER	SIZE	WEIGHT
500-833	1/2"	2
500-834	3/4"	3
500-835	1"	4
500-836	1-1/4"	5
500-837	1-1/2"	7
500-838	2"	13

- NFPA-99C Standard
- Two 1/8" Gauge Purge Ports
- "K" Copper Tubing Extensions Silver Brazed
- Latch Lock Handle is Standard
- Oxygen Cleaned
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



## S-675-DGP-4B-SS

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

PART NUMBER	SIZE	WEIGHT
500-833SS	1/2"	2
500-834SS	3/4"	3
500-835SS	1"	4
500-836SS	1-1/4"	5
500-837SS	1-1/2"	7
500-838SS	2"	13

- NFPA-99C Standard
- Two 1/8" Gauge Purge Ports
- "K" Copper Tubing Extensions Silver Brazed
- Latch Lock Handle is Standard
- Oxygen Cleaned
- 100% Leak Tested
- 29 in-Hg Vacuum Rating







## BFV-Lug

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

PART NUMBER	SIZE	WEIGHT
600-02DS_L	2"	9.7
600-212DS_L	2-1/2"	11.02
600-03DS_L	3"	12.13
600-04DS_L	4"	18.3
600-05DS_L	5"	24.14
600-06DS_L	6"	26.14
600-08DS_B	8"	41.6
600-10DS_G	10"	77.16
600-12DS_G	12"	111.55
600-14DS_G	14"	154.32
600-16DS_G	16"	264.55
600-18DS_G	18"	326.28
600-20DS_G	20"	473.99
600-24DS_G	24"	650.36
600-30DS_G	30"	939.17
600-36DS_G	36"	1604.96

SEAT MATERIAL MUST BE INDICATED IN PART NUMBER WHEN ORDERING: (E) NSF EPDM, (B) BUNA-N, (P) PTFE, (V) VITON®, (C) NON-NSF EPDM

2" - 6" INCLUDE (L) LEVER HANDLE; 8" INCLUDES (B) BARE STEM WITH OPERATOR SOLD SEPARATELY; 10" - 36" INCLUDE (G) GEAR OPERATOR.

- Epoxy-Coated Finish
- NSF EPDM, PTFE, Buna-N, Viton®, or non-NSF EPDM Seats Available
- Square Stem for Direct Mount
- Ideal for Mounting Pneumatic and Electrical Actuators
- Easily Accepts Actuator with ISO 5211 Mounting Flange
- Seat-to-Flange Seal Eliminates Need for Flange Gaskets
- Designed for Commercial, Industrial and Potable Water Applications up to 225 PSI
- Bidirectional for Dead End Service
- NSF 61 & NSF 372 Certified: 2" - 24" (NSF EPDM Seat Only)
- Meets API 609 & MSS SP-67
- Wetted Surfaces Contain Less than .25% Lead Content



## BFV-Wafer

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

PART NUMBER	SIZE	WEIGHT
900-02DS_L	2"	7.71
900-212DS_L	2-1/2"	9.7
900-03DS_L	3"	10.36
900-04DS_L	4"	12.78
900-05DS_L	5"	17.2
900-06DS_L	6"	19.4
900-08DS_B	8"	33.22
900-10DS_G	10"	64.48
900-12DS_GV	12"	88.18
900-14DS_G	14"	116.84
900-16DS_G	16"	200.62
900-18DS_G	18"	220.46
900-20DS_G	20"	326.28
900-24DS_G	24"	518.09

SEAT MATERIAL MUST BE INDICATED IN PART NUMBER WHEN ORDERING: (E) EPDM, (B) BUNA-N, (P) PTFE, (V) VITON®.

2" - 6" INCLUDE (L) LEVER HANDLE; 8" INCLUDES (B) BARE STEM WITH OPERATOR SOLD SEPARATELY; 10" - 24" INCLUDE (G) GEAR OPERATOR.

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





### Lever Handle

Fits Resilient Seated Butterfly Valves, Ten Position, Lockable

PART NUMBER	SIZE
BLH2-3	2" - 3"
BLH4	4"
BLH5-6	5", 6"
BLH8	8"

- Ships Standard with BFV Sizes 2" - 6"
- Can be Equipped to any BFV

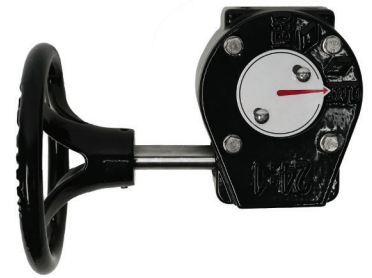


### Gear Operator

Fits Resilient Seated Butterfly Valves

PART NUMBER	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"

- Ships Standard with BFV Sizes 10" - 36"
- Can be Equipped to any BFV



# HPBFV CARBON STEEL CLASS 150



ISO 5211 MOUNTING PIECE



DURABLE ONE PIECE STEM



DOUBLE OFFSET DISC DESIGN



## HPBFV Carbon Steel Class 150

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



PART NUMBER	SIZE	WEIGHT
600-02H1CS_L	2"	10.80
600-212H1CS_L	2-1/2"	12.80
600-03H1CS_L	3"	14.10
600-04H1CS_L	4"	21.80
600-05H1CS_L	5"	27.10
600-06H1CS_L	6"	34.80
600-02H1CS_G	2"	17.00
600-212H1CS_G	2-1/2"	19.00
600-03H1CS_G	3"	20.40
600-04H1CS_G	4"	28.00
600-05H1CS_G	5"	33.30
600-06H1CS_G	6"	51.10
600-08H1CS_G	8"	62.70
600-10H1CS_G	10"	90.30
600-12H1CS_G	12"	135.50
600-14H1CSRG	14"	-
600-16H1CSRG	16"	-
600-18H1CSRG	18"	-
600-20H1CSRG	20"	-
600-24H1CSRG	24"	-

SEAT MATERIAL MUST BE INDICATED IN PART NUMBER WHEN ORDERING: (R) RPTFE; (F) FIRE SAFE; (M) METAL.

2" - 6" INCLUDE (L) LEVER HANDLE; 8" - 24" INCLUDE (G) GEAR OPERATOR.

- Corrosion Resistant One-Piece Body
- RPTFE, Fire-Safe, or Metal Seats Available
- Bubble-Tight Shut-Off Design
- Durable One-Piece Stem
  - A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
  - 2" - 12" = Square Design
  - 14" - 24" = Keyed Design
- Dual Offset Disc Design
- Internal Stop to Prevent Disc Over-Travel
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- Bidirectional for Dead End Service
- 29 in-Hg Vacuum Rating



## HPBFV Stainless Steel Class 150

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

PART NUMBER	SIZE	WEIGHT
600-02H1SS_L	2"	10.80
600-212H1SS_L	2-1/2"	12.80
600-03H1SS_L	3"	14.10
600-04H1SS_L	4"	21.80
600-05H1SS_L	5"	27.10
600-06H1SS_L	6"	34.80
600-02H1SS_G	2"	17.00
600-212H1SS_G	2-1/2"	19.00
600-03H1SS_G	3"	20.40
600-04H1SS_G	4"	28.00
600-05H1SS_G	5"	33.30
600-06H1SS_G	6"	51.10
600-08H1SS_G	8"	62.70
600-10H1SS_G	10"	90.30
600-12H1SS_G	12"	135.50
600-14H1SSRG	14"	-
600-16H1SSRG	16"	-
600-18H1SSRG	18"	-
600-20H1SSRG	20"	-
600-24H1SSRG	24"	-

SEAT MATERIAL MUST BE INDICATED IN PART NUMBER WHEN ORDERING: (R) RPTFE; (F) FIRE SAFE; (M) METAL.

2" - 6" INCLUDE (L) LEVER HANDLE; 8" - 24" INCLUDE (G) GEAR OPERATOR.

- Corrosion Resistant One-Piece Body
- RPTFE, Fire-Safe, or Metal Seats Available
- Bubble-Tight Shut-Off Design
- Durable One-Piece Stem
  - A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
  - 2" - 12" = *Square Design*
  - 14" - 24" = *Keyed Design*
- Dual Offset Disc Design
- Internal Stop to Prevent Disc Over-Travel
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- NSF 61 & NSF 372 Certified
- Bidirectional for Dead End Service
- 29 in-Hg Vacuum Rating



## HPBFV Carbon Steel Class 300

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

PART NUMBER	SIZE	WEIGHT
600-02H3CSRL	2"	10.6
600-212H3CSRL	2-1/2"	15.7
600-03H3CSRL	3"	16.1
600-04H3CSRL	4"	21.8
600-02H3CSRG	2"	15.2
600-0212H3CSRG	2-1/2"	19.8
600-03H3CSRG	3"	22.5
600-04H3CSRG	4"	28.0
600-05H3CSRG	5"	36.2
600-06H3CSRG	6"	57.5
600-08H3CSRG	8"	80.0
600-10H3CSRG	10"	109.6
600-12H3CSRG	12"	182.1

2" - 4" INCLUDE (L) LEVER HANDLE; 8" - 12" INCLUDE (G) GEAR OPERATOR.

- Corrosion Resistant One-Piece Body
- RPTFE Seat
- Bubble-Tight Shut-Off Design
- Durable One-Piece Stem
  - A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
  - 2" - 12" = *Square Design*
- Dual Offset Disc Design
- Internal Stop to Prevent Disc Over-Travel
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- Bidirectional for Dead End Service
- 29 in-Hg Vacuum Rating





## HPBFV Stainless Steel Class 300

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

PART NUMBER	SIZE	WEIGHT
600-02H3SSRL	2"	10.6
600-212H3SSRL	2-1/2"	15.7
600-03H3SSRL	3"	16.1
600-04H3SSRL	4"	21.8
600-02H3SSRG	2"	10.6
600-212H3SSRG	2-1/2"	15.7
600-03H3SSRG	3"	16.1
600-04H3SSRG	4"	21.8
600-05H3SSRG	5"	36.2
600-06H3SSRG	6"	57.5
600-08H3SSRG	8"	80.0
600-10H3SSRG	10"	109.6
600-12H3SSRG	12"	182.1

2" - 4" INCLUDE (L) LEVER HANDLE; 8" - 12" INCLUDE (G) GEAR OPERATOR.

- Corrosion Resistant One-Piece Body
- RPTFE Seat
- Bubble-Tight Shut-Off Design
- Durable One-Piece Stem
  - A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
  - 2" - 12" = Square Design
- Dual Offset Disc Design
- Internal Stop to Prevent Disc Over-Travel
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- NSF 61 & NSF 372 Certified
- Bidirectional for Dead End Service
- 29 in-Hg Vacuum Rating



## HPBFV Lever Handle

Fits High Performance Butterfly Valves, Ten Position, Lockable

PART NUMBER	SIZE
HPBFV CLASS 150	
HPLH2	2"
HPLH2.5-5	2-1/2", 3", 4", 5"
HPLH6	6"
HPBFV CLASS 300	
HPLH2	2"
HPLH2.5-5	2-1/2", 3", 4"

- Ships Standard with HPBFV Sizes 2"-4"
- Can be Equipped to any HPBFV
- Ergonomic Grip Design

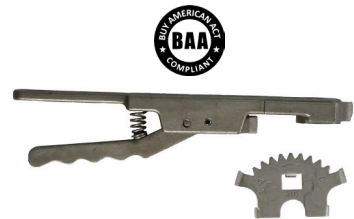


## HPBFV Lever Handle

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

PART NUMBER	SIZE
HPBFV CLASS 150	
HPLH2SS	2"
HPLH2.5-5SS	2-1/2", 3", 4", 5"
HPLH6SS	6"
HPBFV CLASS 300	
HPLH2SS	2"
HPLH2.5-5SS	2-1/2", 3", 4"

- Can be Equipped to any HPBFV
- Ergonomic Grip Design





### HPBFV Gear Operator

Fits High Performance Butterfly Valves

PART NUMBER	SIZE
HPBFV CLASS 150	
HPBGO2	2"
HPLH2.5-5	2.5" - 5"
HPBGO6-8	6" - 8"
HPBGO10	10"
HPBGO12	12"
HPBGO14	14"
HPBGO16	16"
HPBFV CLASS 300	
HPBGO2	2"
HPBGO2.5-5	2.5" - 5"
HPBGO6-8	6"
HPBGO10	8" - 10"
HPBGO12	12"

- Ships Standard with HPBFV Sizes 8" - 12"
- Can be Equipped to any HPBFV









## T-351G

Rising Stem, Solid Wedge, Threaded Connection, 300 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-353G	1/2"	6	84	30
103-354G	3/4"	5	50	26
103-355G	1"	5	40	32
103-356G	1-1/4"	4	32	35
103-357G	1-1/2"	4	16	24
103-358G	2"	3	12	29

- 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



NSF/ANSI/CAN 61 & 372



## S-351G

Rising Stem, Solid Wedge, Solder Connection, 300 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-453G	1/2"	6	84	27
103-454G	3/4"	5	50	24
103-455G	1"	5	40	30
103-456G	1-1/4"	4	32	33
103-457G	1-1/2"	4	16	23
103-458G	2"	3	12	28

- 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



NSF/ANSI/CAN 61 & 372





**T-301G**

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-303G	1/2"	120	10	72
103-304G	3/4"	90	10	77
103-305G	1"	40	5	48
103-306G	1-1/4"	40	5	74
103-307G	1-1/2"	32	4	72
103-308G	2"	20	2	57

- Dezincification Resistant Brass Alloy
- Solid Wedge Gate with Non-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 NUMBER	SIZE	CASE	CARTON	WEIGHT
103-403G	1/2"	120	10	72
103-404G	3/4"	90	10	77
103-405G	1"	40	5	48
103-406G	1-1/4"	40	5	74
103-407G	1-1/2"	32	4	72
103-408G	2"	20	2	68

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





## F-351

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-525	2-1/2"	1	1	44
103-503	3"	1	1	55
103-504	4"	1	1	99
103-506	6"	1	1	183
103-508	8"	1	1	249

- Solid Wedge with Non-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

LEAD FREE



## F-361

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

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-625	2-1/2"	1	1	48
103-603	3"	1	1	59
103-604	4"	1	1	105
103-606	6"	1	1	194
103-608	8"	1	1	272
103-610	10"	1	1	438
103-612	12"	1	1	608

- 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

LEAD FREE





**T-511G**

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



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-303G	1/2"	60	10	34
105-304G	3/4"	40	10	36
105-305G	1"	30	10	40
105-306G	1-1/4"	20	5	39
105-307G	1-1/2"	16	4	41
105-308G	2"	8	2	32

- 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, Class 150



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-403G	1/2"	60	10	31
105-404G	3/4"	40	10	36
105-405G	1"	30	10	41
105-406G	1-1/4"	20	5	41
105-407G	1-1/2"	16	4	41
105-408G	2"	8	2	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



**P-511G**

Swing, Y-Pattern, Press Connection, 300 WOG, Class 150



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-553G	1/2"	48	6	36
105-554G	3/4"	32	4	38
105-555G	1"	24	4	40
105-556G	1-1/4"	16	4	38
105-557G	1-1/2"	12	1	43
105-558G	2"	6	1	32

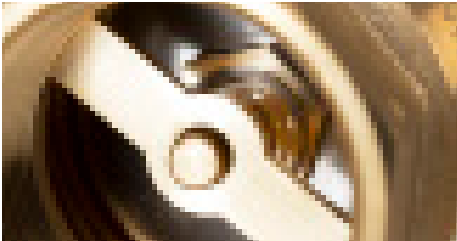
- Dezincification Resistant Bronze
- Can be Installed in Vertical or Horizontal Positions
- Residential and Commercial Applications
- Wetted Surfaces Contain Less than .25% Lead Content



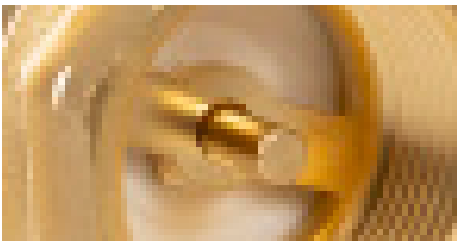
# T-521G



BUBBLE TIGHT SEAL



CRACKING PRESSURE RANGE = 0.87 – 0.22



DURABLE GUIDE ROD



## T-521G

Inline, Threaded Connection, 300 WOG, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-603G	1/2"	100	25	33
105-604G	3/4"	128	16	52
105-605G	1"	96	12	62
105-606G	1-1/4"	36	9	39
105-607G	1-1/2"	32	8	38
105-608G	2"	16	4	36

- 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, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-613G	1/2"	100	25	33
105-614G	3/4"	128	16	54
105-615G	1"	96	12	60
105-616G	1-1/4"	48	6	52
105-617G	1-1/2"	32	4	40
105-618G	2"	16	2	42

- 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



**T-521G MxF**

Inline, MIP x FIP Connection, 300 WOG, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-643G	1/2"	25	100	40
105-644G	3/4"	16	64	33
105-645G	1"	9	36	28
105-646G	1-1/4"	6	24	31
105-647G	1-1/2"	5	20	31
105-648G	2"	4	16	41

- 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, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-623G	1/2"	120	20	35
105-624G	3/4"	96	8	42
105-625G	1"	68	17	36
105-626G	1-1/4"	32	4	31
105-627G	1-1/2"	24	3	38
105-628G	2"	18	3	40

- 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, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-633G	1/2"	80	20	33
105-634G	3/4"	80	20	33
105-635G	1"	72	18	33

- 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



## T-501G

Horizontal Swing, Threaded Connection, 200 WOG, Class 125

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-103G	1/2"	100	10	45
105-104G	3/4"	80	10	51
105-105G	1"	40	6	37
105-106G	1-1/4"	30	5	44
105-107G	1-1/2"	24	4	43
105-108G	2"	16	2	46
105-109G	2-1/2"	8	2	39
105-110G	3"	6	1	42
105-111G	4"	4	1	44

- 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, Class 125

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-203G	1/2"	120	10	50
105-204G	3/4"	80	10	50
105-205G	1"	48	6	44
105-206G	1-1/4"	30	5	47
105-207G	1-1/2"	24	4	46
105-208G	2"	12	2	35
105-209G	2-1/2"	10	1	52
105-210G	3"	6	1	41

- 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, Class 125



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-003G	1/2"	160	10	68
105-004G	3/4"	120	10	77
105-005G	1"	60	5	51
105-006G	1-1/4"	40	5	45
105-007G	1-1/2"	30	5	53
105-008G	2"	24	2	62

- 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





## F-571

Horizontal Swing, Bolted Bonnet, Class 125

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-725	2-1/2"	1	1	24
105-703	3"	1	1	44
105-704	4"	1	1	78
105-706	6"	1	1	152
105-708	8"	1	1	259
105-710	10"	1	1	417
105-712	12"	1	1	615

- 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, Aluminum Bronze Disc, Class 125

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-925	2-1/2"	1	1	5
105-903	3"	1	1	8
105-904	4"	1	1	9
105-906	6"	1	1	20
105-908	8"	1	1	33
105-910	10"	1	1	56
105-912	12"	1	1	90

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

LEAD FREE



## F-592

Ductile Iron, Wafer Style, Dual-Plate, Stainless Steel Disc, Class 125

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-525	2-1/2"	1	1	5
105-503	3"	1	1	7
105-504	4"	1	1	9
105-506	6"	1	1	21
105-508	8"	1	1	39
105-510	10"	1	1	66
105-512	12"	1	1	97

- Stainless Steel Disc
- Two Torsion Springs Activate Each Set of Valve Plates
- Quick-Close Action Prevents the Medium Flowing Back
- Easy Installation onto Either Vertical or Horizontal Pipeline

NSF





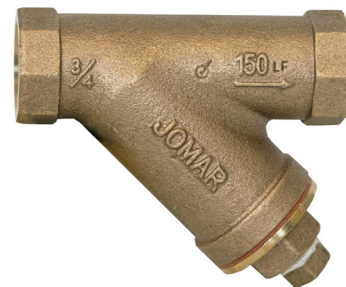
**T-651G**

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



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
106-303G	1/2"	48	12	34
106-304G	3/4"	32	8	39
106-305G	1"	16	8	30
106-306G	1-1/4"	12	6	34
106-307G	1-1/2"	12	2	44
106-308G	2"	8	2	48
106-309G	2-1/2"	4	1	40
106-310G	3"	4	1	30

- 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



**S-651G**

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



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
106-403G	1/2"	48	12	34
106-404G	3/4"	32	8	37
106-405G	1"	16	8	27
106-406G	1-1/4"	12	6	31
106-407G	1-1/2"	12	2	42
106-408G	2"	8	2	45

- 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



**P-651G**

Y-Strainer, Press Connection, 20 Stainless Steel Mesh, 200 CWP



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
106-553G	1/2"	48	8	42
106-554G	3/4"	32	4	46
106-555G	1"	20	2	44
106-556G	1-1/4"	12	1	40
106-557G	1-1/2"	12	1	52
106-558G	2"	6	1	42

- Dezincification Resistant Bronze
- Residential and Commercial Applications
- Flow Direction Indicator
- Wetted Surfaces Contain Less than .25% Lead Content





## T-100FBG

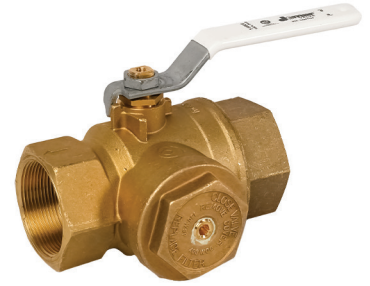
Filter Ball® | 3-Way, Full Port, Threaded Connection with Integrated Strainer, 400 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-833G	1/2"	24	4	25
100-834G	3/4"	24	4	25
100-835G	1"	12	3	32
100-836G	1-1/4"	8	4	36
100-837G	1-1/2"	4	2	26
100-838G	2"	2	2	24

- 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



CERTIFIED LEAD FREE





**F-651**

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

LEAD FREE

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
106-625	2-1/2"	1	1	22
106-603	3"	1	1	28
106-604	4"	1	1	36
106-606	6"	1	1	73
106-608	8"	1	1	123
106-610	10"	1	1	291
106-612	12"	1	1	454

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









### Lever Handle

Geomet-Plated Stainless Steel, Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
899-701	1/4", 3/8", 1/2"
899-704	3/4"
899-705	1", 1-1/4"
899-708	1-1/2", 2"
899-710	2-1/2", 3"
899-711	4"



### Lever Handle and Nut

Stainless Steel, Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
220-300	1/4", 3/8", 1/2"
220-301	3/4"
220-302	1", 1-1/4"
220-303	1-1/2", 2"
220-305	2-1/2", 3"
220-306	4"



### Locking Handle

Stainless Steel, Fits T/S-200CSSG

PART NUMBER	SIZE
220-714G	1/4", 3/8", 1/2"
220-715G	3/4", 1"
220-716G	1-1/4"
220-717G	1-1/2", 2"
220-718G	2-1/2", 3"



### Locking Handle

Stainless Steel, Fits T/S-200CSS

PART NUMBER	SIZE
220-714	1/4", 3/8", 1/2"
220-715	3/4", 1"
220-716	1-1/4"
220-717	1-1/2", 2"





### Locking Handle

Stainless Steel, Fits T/S-100CG, JP-100G, JP-100SSG, T-100UEG, T-100FBG

PART NUMBER	SIZE
220-994G	1/4", 3/8", 1/2"
220-995G	3/4"
220-996G	1", 1-1/4"
220-997G	1-1/2", 2"



### Locking Handle

Stainless Steel, Fits T-100NE

PART NUMBER	SIZE
220-994	1/4", 3/8", 1/2"
220-995	3/4"
220-996	1", 1-1/4"
220-997	1-1/2", 2"



### Locking Handle

Stainless Steel, Fits T-100FMN, T-100SSE, JP-100

PART NUMBER	SIZE
220-984	1/4", 3/8", 1/2"
220-985	3/4"
220-986	1", 1-1/4"
220-987	1-1/2", 2"



### Locking Handle

Lift-N-Lock, Spring-Loaded Tamper-Proof Locking Device

PART NUMBER	SIZE
OPEN & CLOSED	
210-994	1/4", 3/8", 1/2"
210-995	3/4"
210-996	1", 1-1/4"
210-997	1-1/2", 2"
210-998	2-1/2", 3"
CLOSED ONLY	
210-994C	1/4", 3/8", 1/2"
210-995C	3/4"
210-996C	1", 1-1/4"
210-997C	1-1/2", 2"
210-998C	2-1/2", 3"
210-999C	4"





### Long Neck T-Handle

Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
220-223	1/4", 3/8", 1/2"
220-224	3/4"
220-225	1", 1-1/4"



### Oval Handle

Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
220-514	1/2"
220-515	3/4"
220-516	1", 1-1/4"
220-517	1-1/2", 2"



### Thermal-Block™

Thermal Insulated Handle with Memory Stop for Bronze Ball Valves,  
Fits T/S-200CSSG, T/S-200CSS

PART NUMBER	SIZE
220-423	1/2"
220-424	3/4", 1"
220-426	1-1/4"
220-428	1-1/2", 2"

- UL 2043 Certified Handle



### Thermal-Block™

Thermal Insulated Handle with Memory Stop for Brass Ball Valves,  
Fits T/S-100CG, T/S-100CSSG, JP-100G, JP-100SSG, T-100NE

PART NUMBER	SIZE
220-323	1/2"
220-324	3/4"
220-326	1", 1-1/4"
220-328	1-1/2", 2"

- UL 2043 Certified Handle





### Slo-Ball Handle

270° Gear Operator Handle, Fits T-100, S-100 or JP-100 Series

PART NUMBER	SIZE
220-014	1/4", 3/8", 1/2"
220-015	3/4"
220-016	1", 1-1/4"
220-017	1-1/2", 2"



### Memory Stop

Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
220-103	1/4", 3/8", 1/2"
220-104	3/4"
220-105	1", 1-1/4"
220-106	1-1/2", 2"



### Square Head Top

1-1/16" Stem Width, Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
899-113	1/2"
899-114	3/4"
899-115	1", 1-1/4"
899-117	1-1/2", 2"



### Stem Extension

2", Fits T/S-200CSSG, T/S-200CSS

PART NUMBER	SIZE
200-103EH	1/4", 3/8", 1/2"
200-105EH	3/4", 1"
200-106EH	1-1/4"
200-108EH	1-1/2", 2"





### Stem Extension

2", T.E.A. Coated, Fits T-100, S-100, JP-100 Series



PART NUMBER	SIZE
230-004	1/4", 3/8", 1/2"
230-005	3/4"
230-006	1", 1-1/4"
230-007	1-1/2", 2"
230-008	2-1/2", 3"



### Filter Ball® Replacement Filters

Stainless Steel, Fits T-100FBG

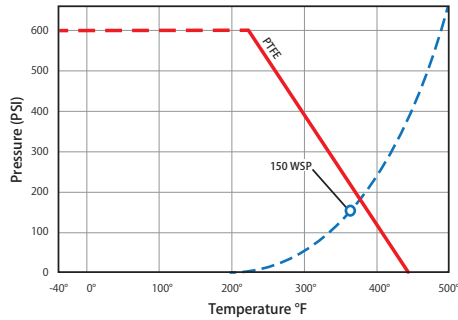


PART NUMBER	SIZE	CASE	WEIGHT
MESH 20			
221-014	1/2" AND 3/4" HEAVY PATTERN*	250	4
221-015	1"	200	4
221-016	1-1/4"	150	5
221-017	1-1/2"	80	5
221-018	2"*	40	5
MESH 40			
221-114	1/2" AND 3/4" HEAVY PATTERN*	250	4
221-115	1"	200	4
221-116	1-1/4"	150	4
221-117	1-1/2"	80	6
221-118	2"*	40	5
MESH 60			
221-204	1/2" AND 3/4" HEAVY PATTERN*	250	5
221-205	1"	200	6
221-206	1-1/4"	150	7
221-207	1-1/2"	80	6
221-208	2"*	40	6
MESH 80			
221-214	1/2" AND 3/4" HEAVY PATTERN*	250	5
221-215	1"	200	6
221-216	1-1/4"	150	7
221-217	1-1/2"	80	6
221-218	2"*	40	6
MESH 100			
221-224	1/2" AND 3/4" HEAVY PATTERN*	250	5
221-225	1"	200	6
221-226	1-1/4"	150	3
221-227	1-1/2"	80	6
221-228	2"*	40	6

\*FOR 1/2" AND 3/4" REPLACEMENT FILTERS OF VALVES PURCHASED PRIOR TO 2015, OR 2" REPLACEMENT FILTERS OF VALVES PURCHASED PRIOR TO JUNE 2020, CONTACT CSR@JOMAR.COM.

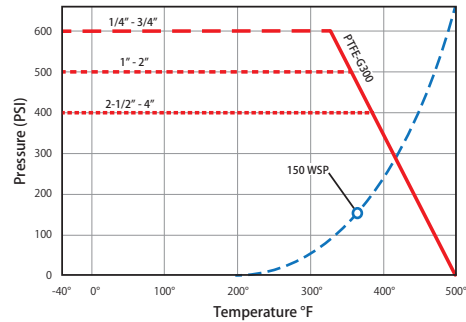
**T/S-200CSSG**

**Valve Seat Rating**  
600 CWP - 150 WSP



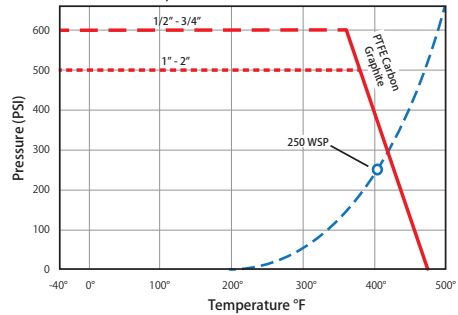
**T/S-100CG, T-100NE**

**Valve Seat Rating**  
1/4" - 3/4" 600 WOG, 1" - 2" 500 WOG, 2-1/2"-4" 400 WOG



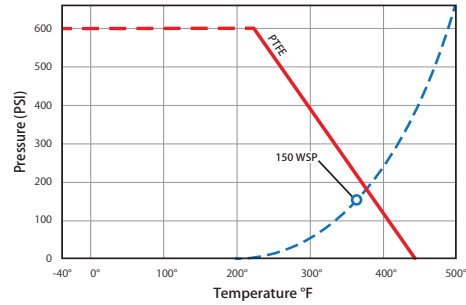
**T-100SSS**

**Valve Seat Rating**  
1/2" - 3/4" 600 WOG, 1" - 2" 500 WOG - 250 WSP



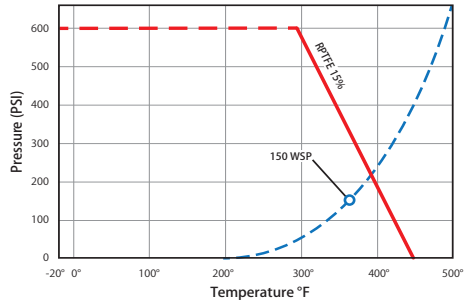
**T-100HFG, S-100HSG**

**Valve Seat Rating**  
600 WOG - 150 WSP



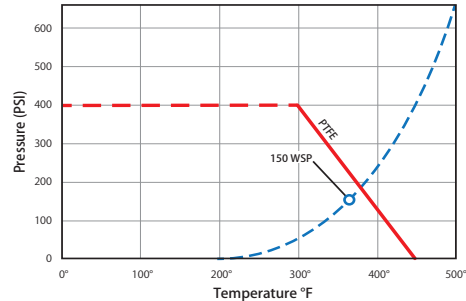
**S-650-CE-4B, S-675-DGP-4B**

**Valve Seat Rating**  
600 WOG - 150 WSP



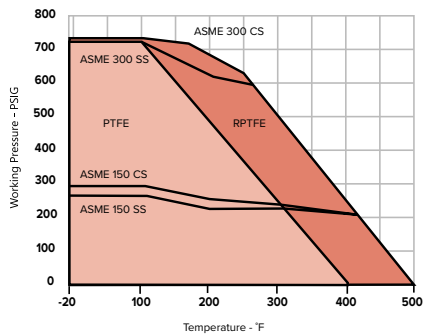
**T-100FBG**

**Valve Seat Rating**  
400 WOG - 150 WSP



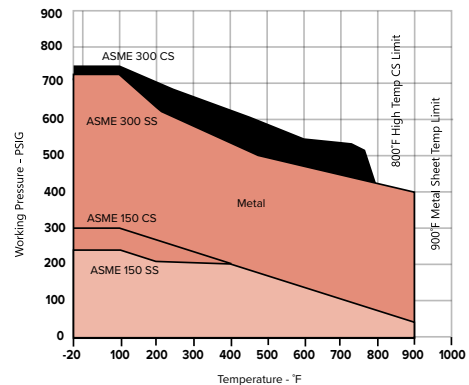
**HPBFV-CS/SS-150, HPBFV-CS/SS-300**

**PTFE & RPTFE Seat**



**HPBFV-CS/SS-150**

**Metal Seat, Class 150**



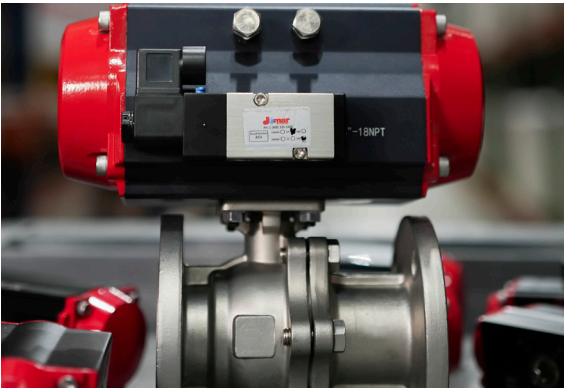


# ADDITIONAL VALVE SOLUTIONS



## RESIDENTIAL

Jomar's extensive lineup provides reliable, efficient, and innovative solutions that enhance the most basic residential plumbing systems up to the most advanced heating systems, including boilers and furnaces. Our products offer easy installation, durability, reliability, and space-saving options.



## INDUSTRIAL

Jomar's vast lineup of industrial and actuation products improve operational efficiency, and prioritize safety, control, and compliance. No matter how complex the setting, our durable, high-performance options ensure maximum output.



## BALANCING

Regulate the flow of fluids throughout your system with Jomar's domestic hot water and mechanical balancing valve options. Select from thermostatic, automatic, manual, quarter-turn, and multi-turn products to optimize system performance and ensure comfort for the end-user.



## PROPANE GAS

Jomar's propane gas solutions are third-party certified to meet the highest safety and durability standards. Our trusted products reduce risk, labor, and leak points while providing long-lasting performance.



## NATURAL GAS

Jomar's lockwings deliver innovative, dependable, and forward-thinking solutions for natural gas utilities. Our streamlined designs reduce leak points, are maintenance and emission free, provide positive shutoff, and simplify meter set repairs and replacements with bypass technology.

# RESIDENTIAL LINEUP



BALL VALVES



CHECKS & STRAINERS



CPVC / PVC



DIELECTRIC UNIONS



LOW PRESSURE



ACCESSORIES



SCAN CODE TO VIEW THE  
**RESIDENTIAL CATALOG**

# INDUSTRIAL LINEUP



BALL VALVES



BUTTERFLY VALVES



GATES, CHECKS, STRAINERS



ACTUATION



DIELECTRIC UNION



SCAN CODE TO VIEW THE  
**INDUSTRIAL CATALOG**

# BALANCING LINEUP



THERMOSTATIC



AUTOMATIC



MANUAL MULTI-TURN

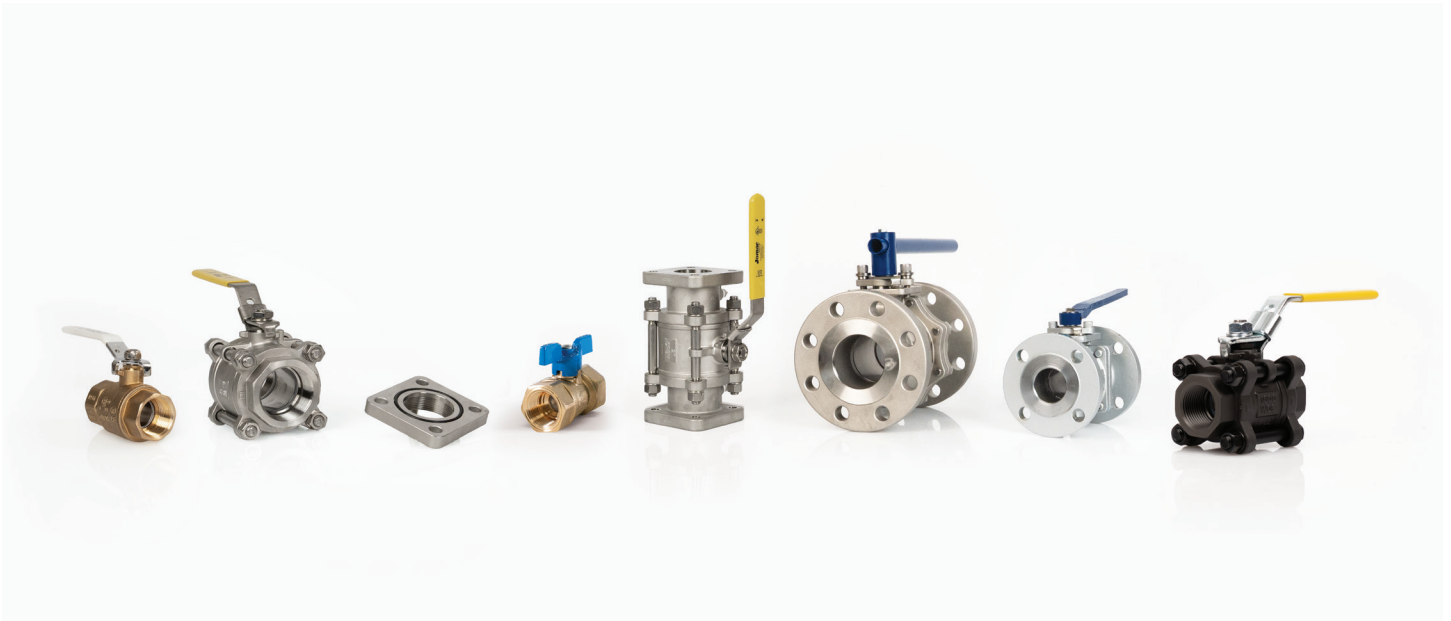


MANUAL QUARTER-TURN



SCAN CODE TO VIEW THE  
**BALANCING CATALOG**

# PROPANE GAS LINEUP



BALL VALVES



GAS BALL VALVES



CARBON STEEL & STAINLESS  
STEEL BALL VALVES



THREAD SEALANT



ACCESSORIES



SCAN CODE TO VIEW THE  
**LIQUID PROPANE CATALOG**

# NATURAL GAS LINEUP



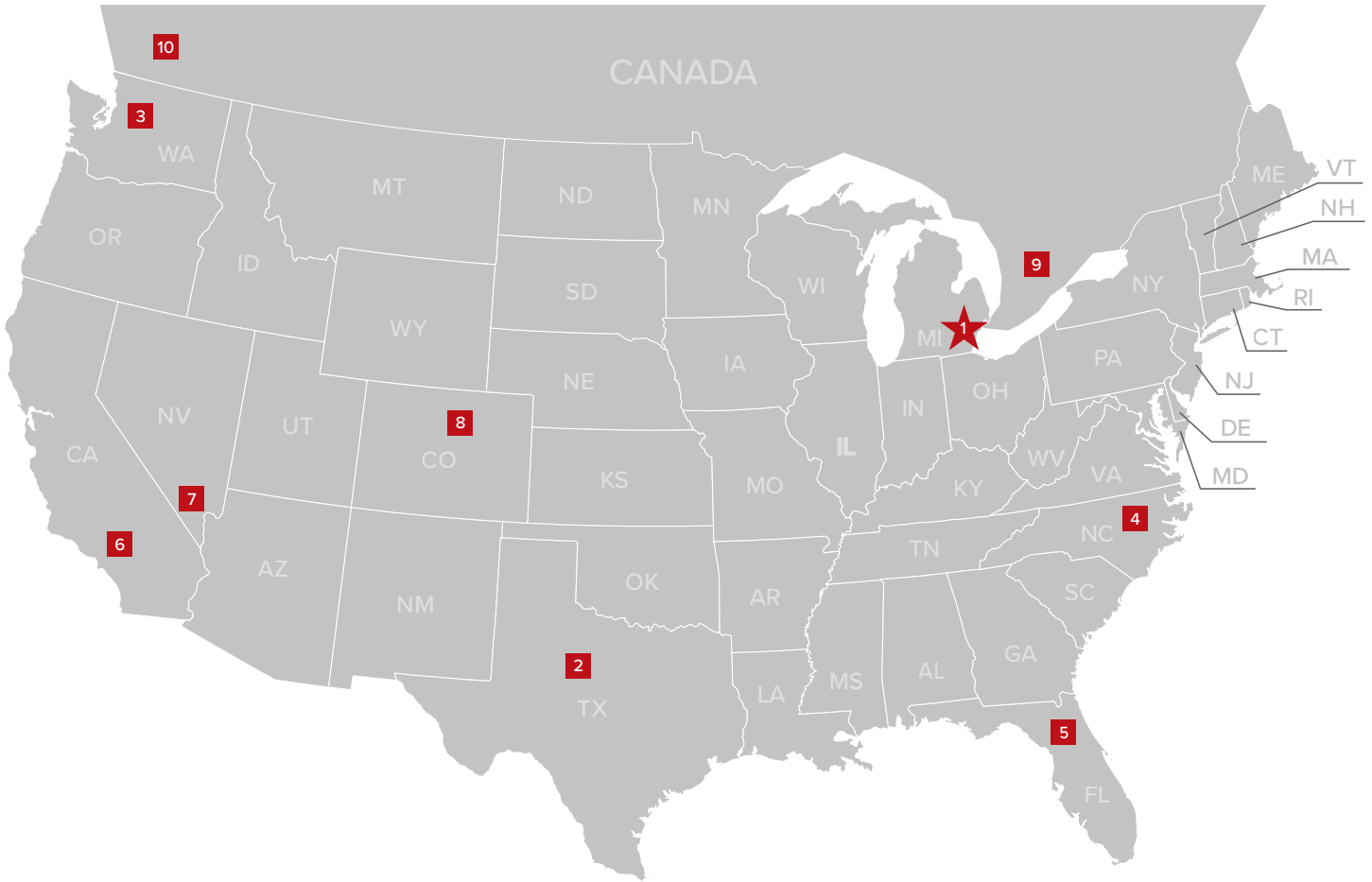
LOCKWINGS 125 CLASS



LOCKWINGS 175 CLASS



SCAN CODE TO VIEW THE  
**LOCKWING BROCHURE**



# STOCKING WAREHOUSES

- 1** **JOMAR VALVE HEADQUARTERS**  
WARREN, MI 48092  
586.268.1220
- 2** **JIM BRYCE & ASSOCIATES**  
DALLAS, TX 75220  
972.737.3981
- 3** **NORPAC**  
KENT, WA 98031  
253.850.8800
- 4** **SNIDER**  
CHARLOTTE, NC 28273  
704.588.0915
- 5** **THE SPIRIT GROUP**  
ORLANDO, FL 32803  
407.291.6035
- 6** **ELMCO STEWART INDUSTRY, CA**  
INDUSTRY, CA 91746  
626.333.9942
- 7** **ELMCO SILVER STATE**  
LAS VEGAS, NV 89139  
702.871.1966
- 8** **KM SALES**  
WESTMINSTER, CO 80234  
303.292.1355
- 9** **EQUIPCO LTD.**  
LONDON, ON  
905.612.1137  
CANADA
- 10** **EQUIPCO LTD.**  
MAPLE RIDGE, BC  
604.522.5590  
CANADA

REP LOCATOR MAP



## 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 \$3,000.00 net or more, including ductile/cast iron, stainless steel, and carbon steel products. 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 accessorials 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 \$3,000.00 net or more, including ductile/cast iron, stainless steel, and carbon steel products.

### 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-200CSSG*	TWV-3W-KIT-G	JP-100 XLC	TB-120MFG
S-200CSSG*	TWV-3W-KIT-G1	S-100-DUE	TB-130MFG
T-100CG	T-82MG	T-82-M	TB-150MFG
S-100CG	T-200CSS*	T-203	175-LWN
T-100CSSG	S-200CSS*	T-203DU	175-LWIN
S-100CSSG	T-100NE	T-204	125-LWN
JP-100G	S-100NE	T-204DU	125-LWN-S
JP-100G XLC	T-100SSE	T-205	125-LWN-SA
JP-100SSG	T-100SSS	TB-120G	175-LWIBP
JP-100SSG XLC	T-100FMN	TB-130G	125-LWIBP
JP-100HCG	S-100FMN	TB-150G	125-LWBP
T-100-UEG	T-100UE	TB-120MG	175-LWBP
T-100HCG	T-100STN	TB-130MG	125-LWUBP
T-100FBG	JP-100	TB-150MG	175-LWMP

\*Five-Year Body Limited Warranty Only; Leakproof Stem - Lifetime Warranty Not Applicable

### 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
	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
CHECK VALVES	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
S-651G		S221A	59LF-300			S-15NL	387AB	145CLF
F-651		F-751-A	YCF		77F-DI-125	T-19	381	140F





