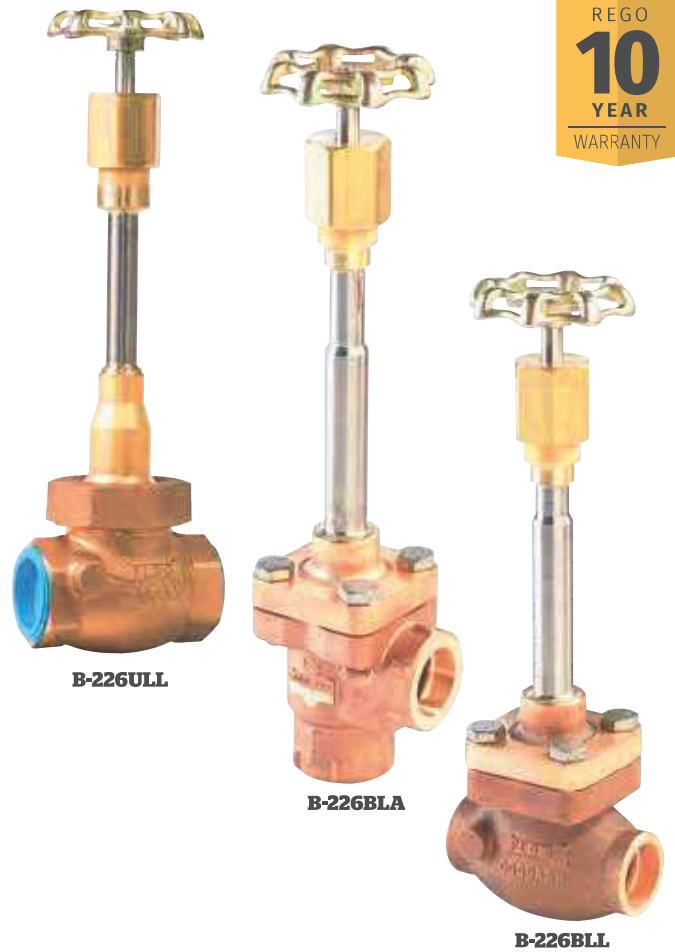


# Bronze Globe Valve for Cryogenic Service 222 Series Including 226LL, 226GF, 226ULL, 226BLL, 222X, 226LL, 226BLL

## Features

- **Top Entry:** This union bonnet valve can be permanently installed in the line and serviced from the top. The stainless steel tube prevents stem distortion. Also available in bolted bonnet configuration.
- **Construction:** Bronze cast body and bonnet  
Rugged construction for long life
- **Designed with the unique Kold-Seal™** and high CV. standard PTFE seat design assures bubble tight seating and high cycle life.
- Oxygen cleaned per CGA G-4.1
- **Sizes:** ¼" through 3" (8mm through 80mm)
- **Ends:** Threaded (FNPT), Sil Braze Tube (SBT), Silver Braze Pipe and back brazed threaded pipe nipples
- **Service:** Liquefied and vaporized atmospheric gases, LNG
- **Temperature Rating:** -320°F to 150°F (-196°C to +65°C)
- **Pressure Rating:** (Cold, Non-shock)  
400 and 600 psig  
Sizes 1½" to 3" PED approved
- **Kold-Seal™ Technology assures tight seal preventing cryogen gas loss.**
- **Extended stem suitable for cold box, transport vehicles, pipelines, and customer service applications.**
- **Live (LL) loaded option improves life of asset and minimizes service costs.**
- **Replaceable top works equates to low maintenance costs.**



## Ordering Information

222X

Bronze Globe Valves, Extended Stem - Conical Seat, 400 psig Cold Working Pressure  
Threaded End

Part Number	NPT size Inches	NPT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
B-00222X-2T4	¼"	8 mm	Threaded	1.50 Lbs.	0.70 Kgs.	1.30
B-00222X-4T4	½"	15 mm		1.50 Lbs.	0.70 Kgs.	3.25
B-00222X-6T4	¾"	20 mm		3.00 Lbs.	1.40 Kgs.	6.25
B-00222X-8T4	1"	25 mm		4.00 Lbs.	1.80 Kgs.	10.00
B-00222X-12T4	1½"	40 mm		7.75 Lbs.	3.50 Kgs.	26.00
B-00222X-16T4	2"	50 mm		12.50 Lbs.	5.70 Kgs.	45.00
B-00222X-20T4	2½"	63.5 mm		61.00 Lbs.	27.70 Kgs.	50.00
B-00222X-24T4	3"	80 mm		61.00 Lbs.	27.70 Kgs.	100.00

## Sil Brazed End

Part Number	SBT size Inches	SBT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
B-00222X-4S4	½"	15 mm	Silver Braze	2.00 Lbs.	0.90 Kgs.	3.25
B-00222X-6S4	¾"	20 mm		2.75 Lbs.	1.30 Kgs.	6.25
B-00222X-8S4	1"	25 mm		3.75 Lbs.	1.70 Kgs.	10.00
B-00222X-12S4	1½"	40 mm		7.25 Lbs.	3.30 Kgs.	26.00
B-00222X-16S4	2"	50 mm		11.50 Lbs.	5.20 Kgs.	45.00
B-00222X-24S4	3"	80 mm		58.00 Lbs.	26.40 Kgs.	100.00

# Bronze Globe Valve for Cryogenic Service 222 Series Including 226LL, 226GF, 226ULL, 226BLL, 222X, 226LL, 226BLL

## Ordering Information

### SB-222X

Stainless Steel Body, Bronze Topworks, Conical Seat, 450 psig Cold Working Pressure

Part Number	NPT size Inches	NPT Size mm	Ends
SB00222X-12SW	1½"	40 mm	Socket Weld

### 226LL

Bronze Globe Valves, Live Load Packing, Extended Stem, 600 psig Cold Working Pressure

#### Threaded End

Part Number	NPT size Inches	NPT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
B-0226LL-2T6	¼"	8 mm	Threaded	1.50 Lbs.	0.70 Kgs.	1.30
B-0226LL-3T6	⅜"	10 mm		1.50 Lbs.	0.70 Kgs.	2.40
B-0226LL-4T6	½"	15 mm		1.50 Lbs.	0.70 Kgs.	3.25
B-0226LL-6T6	¾"	20 mm		3.00 Lbs.	1.40 Kgs.	6.25
B-0226LL-8T6	1"	25 mm		4.00 Lbs.	1.80 Kgs.	10.00

#### Sil Brazed Ends

Part Number	SBT size Inches	SBT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
B-0226LL-4S6	½"	15 mm	Silver Braze	2.00 Lbs.	0.90 Kgs.	3.25
B-0226LL-6S6	¾"	20 mm		2.75 Lbs.	1.30 Kgs.	6.25
B-0226LL-8S6	1"	25 mm		5.8 Lbs.	1.70 Kgs.	10.00

### 226ULL

Bronze Globe Valves, Live Loaded Packing - Union Bonnet, Extended Stem, 600 psig Cold Working Pressure

#### Threaded End

Part Number	NPT size Inches	NPT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
B-226ULL-12T6	1½"	40 mm	Threaded	7.75 Lbs.	3.50 Kgs.	26.00
B-226ULL-16T6	2"	50 mm		12.50 Lbs.	5.70 Kgs.	45.00

#### Sil Brazed Ends

Part Number	SBT size Inches*	SBT Size mm*	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
B-226ULL-12S6	1½"	40 mm	Silver Braze	7.25 Lbs.	3.30 Kgs.	26.00
B-226ULL-16S6	2"	50 mm		11.50 Lbs.	5.20 Kgs.	45.00

\*Nominal Size

### 226XGF

Bronze Globe Valves, Extended Stem - Conical Seat Grafoil® Packing, Gasket and PFA Seat  
600 psig Cold Working Pressure Temperature Range -325°F to +300°F

#### Threaded End

Part Number	NPT size Inches	NPT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
VB-226XGF-4T6	½"	15 mm	Threaded	1.50 Lbs.	0.70 Kgs.	3.25
VB-226XGF-6T6	¾"	20 mm		3.00 Lbs.	1.40 Kgs.	6.25
VB-226XGF-8T6	1"	25 mm		4.00 Lbs.	1.80 Kgs.	10.00
VB-226XGF-12T6	1½"	40 mm		7.75 lbs.	3.5 Kgs.	26.00

### 226BLL

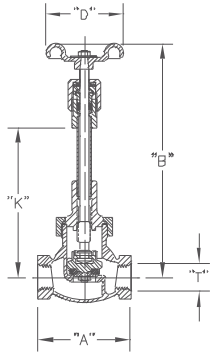
Bronze Globe Valves, Live Loaded Packing - Bolted Bonnet, Extended Stem, 600 psig Cold Working Pressure

#### Threaded End

Part Number	NPT size Inches	NPT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
B-226BLL-12T6	1½"	40 mm	Threaded	7.75 Lbs.	3.50 Kgs.	26.00
B-226BLL-16T6	2"	50 mm		12.50 Lbs.	5.70 Kgs.	45.00

Bronze valves standard connection are for tube, not pipe.

# Bronze Globe Valve for Cryogenic Service 222 Series Including 226LL, 226GF, 226ULL, 226BLL, 222X, 226LL

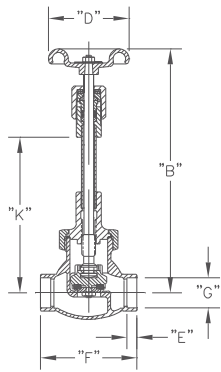


**226ULL**  
 Pressure Rating 600 psig  
 Temperature Rating -325°F to +150°F

Dimensional data  
 All Dimensional Data are in inches.

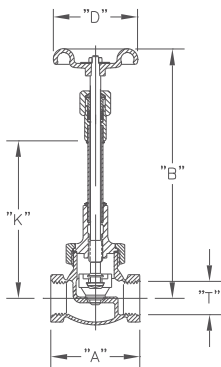
**Threaded Ends**

Size	"A"	"B"	"D"	"T" NPT	"K"
1½"	4¾"	14⅝"	4"	1½"	9⅜"
2"	5¾"	15⅝"	4¾"	2"	



**Sil Brazed End**

Size	"B"	"D"	"E"	"F"	"G"	"K"
1½"	14⅝"	4"	⅝"	5¼"	1.63"	9⅜"
2"	15⅝"	4¾"	21/23"	6½"	2.13"	

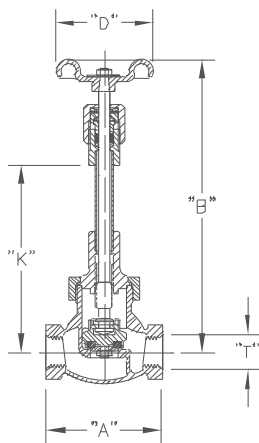


**226XGF**  
 Pressure Rating 600 psig  
 Temperature Rating -325°F to +300°F

Dimensional data  
 All Dimensional Data are in inches.

**Threaded Ends**

Size	"A"	"B"	"D"	"T" NPT	"K"
½"	2⅝"	8¼"	2⅝"	½"	4⅞"
¾"	3⅜"	8⅝"	2¾"	¾"	4⅜"
1"	3¾"	10½"	3"	1"	6½"



**226LL**  
 Pressure Rating 600 psig  
 Temperature Rating +150° F to -325° F

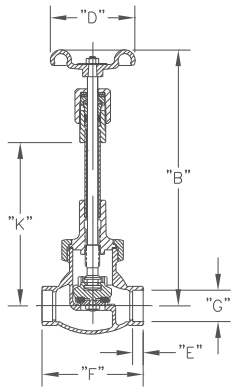
Dimensional Data  
 All Dimensions are in Inches

**Threaded Ends**

Size	"A"	"B"	"D"	"T" NPT	"K"
¼"	2⅜"	7⅝"	2"	¼"	4⅜"
⅜"				⅜"	
½"	2⅝"	8¼"	2⅝"	½"	4⅞"
¾"	3⅜"	8⅝"	2¾"	¾"	4⅜"
1"	3¾"	10½"	3"	1"	6½"

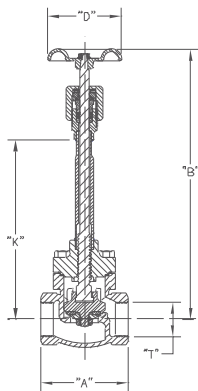
\*Bolted Bonnet

# Bronze Globe Valve for Cryogenic Service 222 Series Including 226LL, 226GF, 226ULL, 222X, 226LL



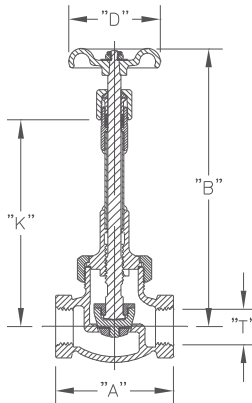
### Sil Brazed Ends

Size	"B"	"D"	"E"	"F"	"G"	"K"
1/2"	8 1/4"	2 3/8"	3/8"	3 1/4"	.63	4 7/8"
3/4"	8 5/8"	2 3/4"	13/32"	3 3/4"	.88	4 13/16"
1"	10 1/2"	3"	7/16"	4 1/4"	1.13	6 1/2"



### 226BLL Threaded Ends - Bolted Bonnet

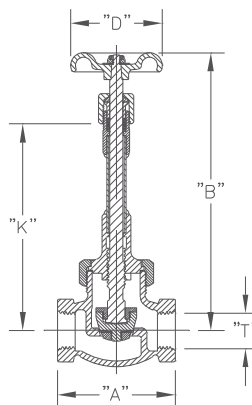
Size	"A"	"B"	"D"	"T" NPT	"K"
1 1/2"	4 3/4"	14 3/8"	4"	1 1/2"	9 11/16"
2"	5 3/4"	14 15/16"	4 3/4"	2"	



### 222X

Pressure Rating 400 psig  
Temperature Rating -325°F to +150°F

Part #	Size	"A"	"B"	"D"	"T" NPT	"K"
B-222X-2T4	1/4"	2.63"	8.38"	2.38"	1/4"	4.8"
B-222X-4T4	1/2"		15.54"		1/2"	12.2"
B-222X-6T4A	3/4"	3.19"	8.63"	2.75"	3/4"	4.9"
B-222X-6T4A			15.79"			12"
B-222X-8T4	1"	3.75"	10.50"	3"	1"	6.5"
B-222X-8T4A			16.01"			12"
B-222X-12T4	1 1/2"	4.75"	14.63"	4"	1 1/2"	9.7"
B-222X-12T4A			18.44"			13.5"
B-222X-16T4	2"	5.75"	15.13"	4.75"	2"	9.7"
B-222X-16T4A			22.43"			14.2"
B-222X-20T4	2 1/2"	8.5"	22.75"	8"	2 1/2"	16"
B-222X-24T4	3"				3"	



### SB-222X

Pressure Rating 400 psig  
Temperature Rating -325°F to +150°F

Size	"A"	"B"	"D"	"BB"	"K"
1 1/2"	4 3/4"	14 5/8"	4"	3"	9.7"