

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

Features

- **Top Entry:** This union bonnet valve can be permanently installed in the line and serviced from the top. 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
- **Sizes:** ¼" through 3" (8mm through 80mm)
- **Ends:** Threaded (FNPT), Sil Braze Tube (SBT), Silver Braze Pipe, back brazed threaded pipe nipples
- **Service:** Liquified and vaporized atmospheric gases, LNG
- **Temperature Rating:** -325°F to 150°F (-196°C to +65°C)
- **Pressure Rating:** (Cold, Non-shock)
400 and 600 PSIG
Sizes 1½" to 3" PED approved per EN10204, 3.1
- **Kold-Seal™ Technology assures tight seal preventing cryogen gas loss.**
- **Extended stem suitable for cold box, transport vehicles, pipelines, and customer service applications.**
- **Live loaded option improves life of asset and minimizes service costs.**
- **Replaceable top works means 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	Threaded	1.50 Lbs.	0.70 Kgs.	3.25
B-00222X-6T4	¾"	20 mm	Threaded	3.00 Lbs.	1.40 Kgs.	6.25
B-00222X-8T4	1"	25 mm	Threaded	4.00 Lbs.	1.80 Kgs.	10.00
B-00222X-12T4	1½"	40 mm	Threaded	7.75 Lbs.	3.50 Kgs.	26.00
B-00222X-16T4	2"	50 mm	Threaded	12.50 Lbs.	5.70 Kgs.	45.00
B-00222X-20T4	2½"	63.5 mm	Threaded	61.00 Lbs.	27.70 Kgs.	50.00
B-00222X-24T4	3"	80 mm	Threaded	61.00 Lbs.	27.70 Kgs.	100.00

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Sil Brazed End

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

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	1/4"	8 mm	Threaded	1.50 Lbs.	0.70 Kgs.	1.30
B-0226LL-3T6	3/8"	10 mm	Threaded	1.50 Lbs.	0.70 Kgs.	2.40
B-0226LL-4T6	1/2"	15 mm	Threaded	1.50 Lbs.	0.70 Kgs.	3.25
B-0226LL-6T6	3/4"	20 mm	Threaded	3.00 Lbs.	1.40 Kgs.	6.25
B-0226LL-8T6	1"	25 mm	Threaded	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	1/2"	15 mm	Silver Braze	2.00 Lbs.	0.90 Kgs.	3.25
B-0226LL-6S6	3/4"	20 mm	Silver Braze	2.75 Lbs.	1.30 Kgs.	6.25
B-0226LL-8S6	1"	25 mm	Silver Braze	3.75 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	1 1/2"	40 mm	Threaded	7.75 Lbs.	3.50 Kgs.	26.00
B-226ULL-16T6	2"	50 mm	Threaded	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	1 1/2"	40 mm	Silver Braze	7.25 Lbs.	3.30 Kgs.	26.00
B-226ULL-16S6	2"	50 mm	Silver Braze	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

Threaded End

Part Number	NPT size Inches	NPT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
VB-226XGF-4T6	1/2"	15 mm	Threaded	1.50 Lbs.	0.70 Kgs.	3.25
VB-226XGF-6T6	3/4"	20 mm	Threaded	3.00 Lbs.	1.40 Kgs.	6.25
VB-226XGF-8T6	1"	25 mm	Threaded	4.00 Lbs.	1.80 Kgs.	10.00
VB-226XGF-12T6	1 1/2"	40 mm	Threaded	7.75 lbs.	3.5 Kgs.	26.00

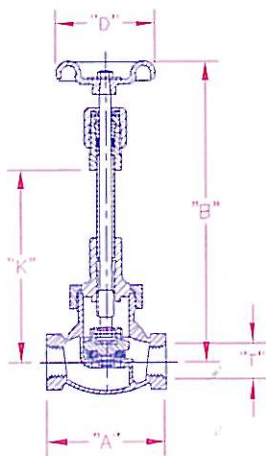
226BLL

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	1 1/2"	40 mm	Threaded	7.75 Lbs.	3.50 Kgs.	26.00
B-226BLL-16T6	2"	50 mm	Threaded	12.50 Lbs.	5.70 Kgs.	45.00

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226ULL

Pressure Rating 600 PSIG

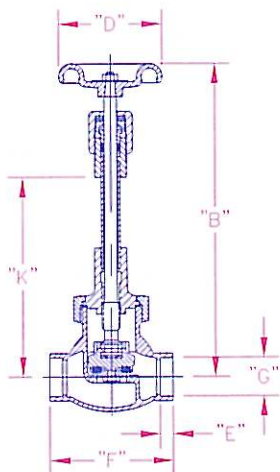
Temperature Rating +150°F to -325°F

Dimensional data

All Dimensional Data are in inches.

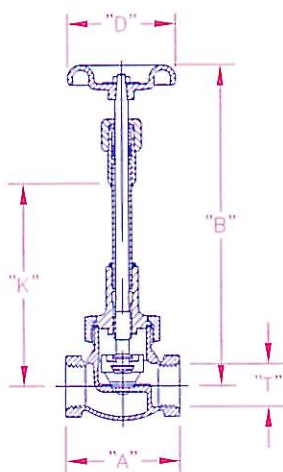
THREADED ENDS

Size	"A"	"B"	"D"	"T" NPT	"K"
1½"	4¾"	14⅝"	4"	1½"	9⅛"
2"	5¾"	15⅝"	4¾"	2"	9⅛"



SIL BRAZED END

Size	"B"	"D"	"E"	"F"	"G"	"K"
1½"	14⅝"	4"	⅝"	5¼"	1.63"	9⅛"
2"	15⅝"	4¾"	2⅜"	6½"	2.13"	9⅛"



226XGF

Pressure Rating 600 PSIG

Temperature Rating +150°F to -325°F

Dimensional data

All Dimensional Data are in inches.

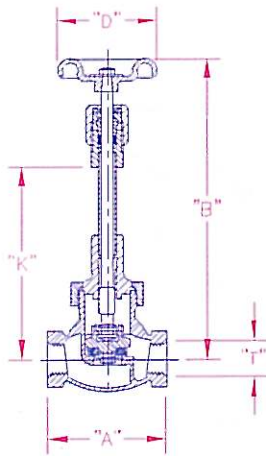
THREADED ENDS

Size	"A"	"B"	"D"	"T" NPT	"K"
½"	2⅝"	8¼"	2⅜"	½"	4⅞"
¾"	3 ⅜"	8⅝"	2¾"	¾"	4 ⅜"
1"	3¾"	10½"	3"	1"	6½"

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

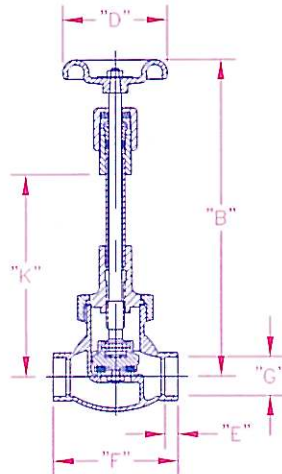
Dimensional Data
All Dimensions are in Inches



THREADED ENDS

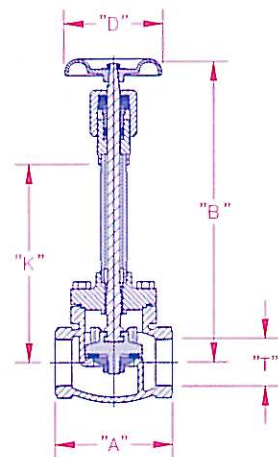
Size	"A"	"B"	"D"	"T" NPT	"K"
1/4"	2 5/16"	7 7/16"	2"	1/4"	4 19/32"
3/8"	2 5/16"	7 7/16"	2"	3/8"	4 19/16"
1/2"	2 5/8"	8 1/4"	2 3/8"	1/2"	4 7/8"
3/4"	3 3/16"	8 5/8"	2 3/4"	3/4"	4 13/16"
1"	3 3/4"	10 1/2"	3"	1"	6 1/2"

*Bolted Bonnet



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"



THREADED ENDS - BOLTED BONNET

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