



## Extended Bonnet Bronze Gate Valve for Cryogenic Service 322 and 326 Series

### Application

The RegO Goddard 322 and 326 Series gate valves are designed for handling of cryogenic liquids through bulk tanks, trucks, trailers, ASU plants and piping configurations. Compatible with oxygen, nitrogen, CO<sub>2</sub>, and argon.

### Features

- **Top Entry:** This union bonnet valve can be permanently installed in the line and serviced from the top
- **Construction:**
  - Bronze cast body and Internals
  - Rugged construction for long life
  - Straight through construction for high CV
  - Designed with unique KOLD-SEAL™ packing
  - Standard split wedge design provides better sealing and cycle life
- **Sizes:** ½" - 3" (15mm - 80mm)
- **Ends:** Threaded (FNPT), Sil Braze Tube (SBT), Silver Brazed Pipe (SBP) or with stainless steel pipe nipples brazed in
- **Service:** Liquefied and vaporized atmospheric gases, LNG
- **Temperature Rating:** -320°F to +150°F (-196°C + 65°C)
- **Pressure Rating:** (Cold, Non-shock)
  - 322 Series 400 psig
  - 326 Series 600 psig
- Cleaned for Oxygen Service per CGA G-4.1.

Designed to MSS SP-80 and ASME B31.3  
Series 1.5" to 3" PED Approved per EN 10204, 3.1

Ideal for cryogenic supply and storage handling applications.  
Straight-through flow for highest CV rating in the industry.

Also available with GRAFOIL® packing



**322Series**



# Extended Bonnet Bronze Gate Valve for Cryogenic Service 322 and 326 Series

## Ordering Information

### 322 Series

Bronze Gate Valves  
400 psig COLD WORKING PRESSURE

Part Number	NPT Size Inches	NPT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
<b>B-000322-20T4</b>	2½"	65 mm	Threaded	19.00	8.64	372.00
<b>B-000322-24T4</b>	3"	80 mm		28.00	121.73	588.00

Part Number	SBT Size Inches*	SBT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
<b>B-000322-4S4</b>	½"	15 mm	Silver Braze	1.75	0.80	19.80
<b>B-000322-6S4</b>	¾"	20 mm		2.25	1.02	36.00
<b>B-000322-8S4</b>	1"	25 mm		3.50	1.59	60.80
<b>B-000322-12S4</b>	1½"	40 mm		7.50	3.41	152.00
<b>B-000322-16S4</b>	2"	50 mm		11.25	5.11	245.00
<b>B-000322-20S4</b>	2½"	65 mm		17.00	7.73	372.00
<b>B-000322-24S4</b>	3"	80 mm		24.00	10.91	588.00

\*Nominal Size

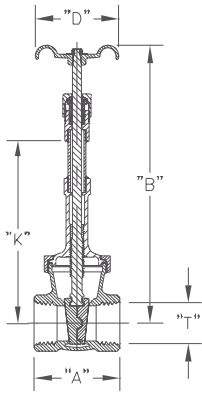
### 326 Series

Bronze Gate Valves  
600 psig COLD WORKING PRESSURE

Part Number	NPT Size Inches	NPT Size mm	Ends	Weight Lbs.	Weight Kgs.	Estimated Cv
<b>B-000326-4T6</b>	½"	15 mm	Threaded	1.75	0.80	19.80
<b>B-000326-6T6</b>	¾"	20 mm		2.25	1.02	36.00
<b>B-000326-8T6</b>	1"	25 mm		4.00	1.82	60.80
<b>B-000326-12T6</b>	1½"	40 mm		8.25	3.75	152.00
<b>B-000326-16T6</b>	2"	50 mm		12.50	5.68	245.00



# Extended Bonnet Bronze Gate Valve for Cryogenic Service 322 and 326 Series

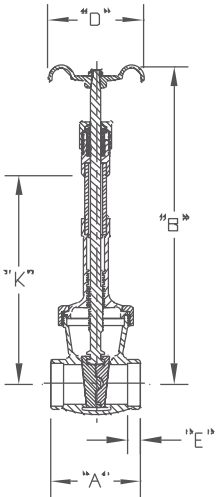


### 322 Series

MAWP: 400 psig Non-Shock Cold  
 Temperature Rating +150° F to -325°F  
 Dimensional Data  
 All dimensions are in inches

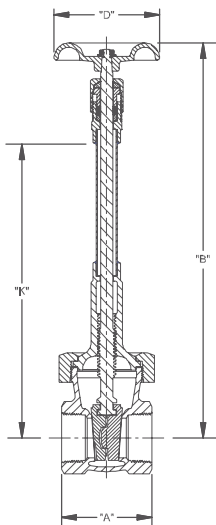
#### Threaded End (NPT)

Size	"A"	"B"	"D"	"K"	"T"
2½"	4.68"	22.5"	5.25"	14.5"	2½"
3"	5.12"	24.87"	6.12"	16.31"	3"



#### Sil Braze End

Size	"A"	"B"	"D"	"K"	"E"
½"	2.5"	9.38"	2.37"	5.5"	.38"
¾"	3"	10.56"	2.75"	6.12"	.40"
1"	3.25"	12.38"	3"	7.68"	.43"
1½"	4"	17"	4"	10.87"	.62"
2"	4.5"	19.62"	4.75"	12.38"	.65"
2½"	5.25"	22.5"	5.25"	14.5"	.78"
3"	6"	24.87"	6.12"	16.31"	.82"



### 326 Series

MAWP: 600 psig Non-Shock Cold  
 Temperature Rating +150° F to -325°F  
 Dimensional Data  
 All dimensions are in inches

#### Threaded End (NPT)

Size	"A"	"B"	"D"	"K"
½"	2.34"	9.37"	2¼"	5.5"
¾"	2.5"	10.56"	2¾"	6.12"
1"	2.34"	12.37"	3"	7.6"
1½"	3.43"	17"	4"	10.87"
2"	3.81"	19.62"	4¾"	12.37"