

RegO - Goddard Bronze/Stainless Steel Body Globe Valve for Cryogenic Service SKB Series

SKB Series

Application

The SKB Series globe valves are designed for the handling of cryogenic liquids through trailer, bulk tanks and piping configurations. Our time tested spring loaded stem packing and superior seat design provide for long life and easy maintenance. Internal components are the same for SKB , SK and BB Series.

Features

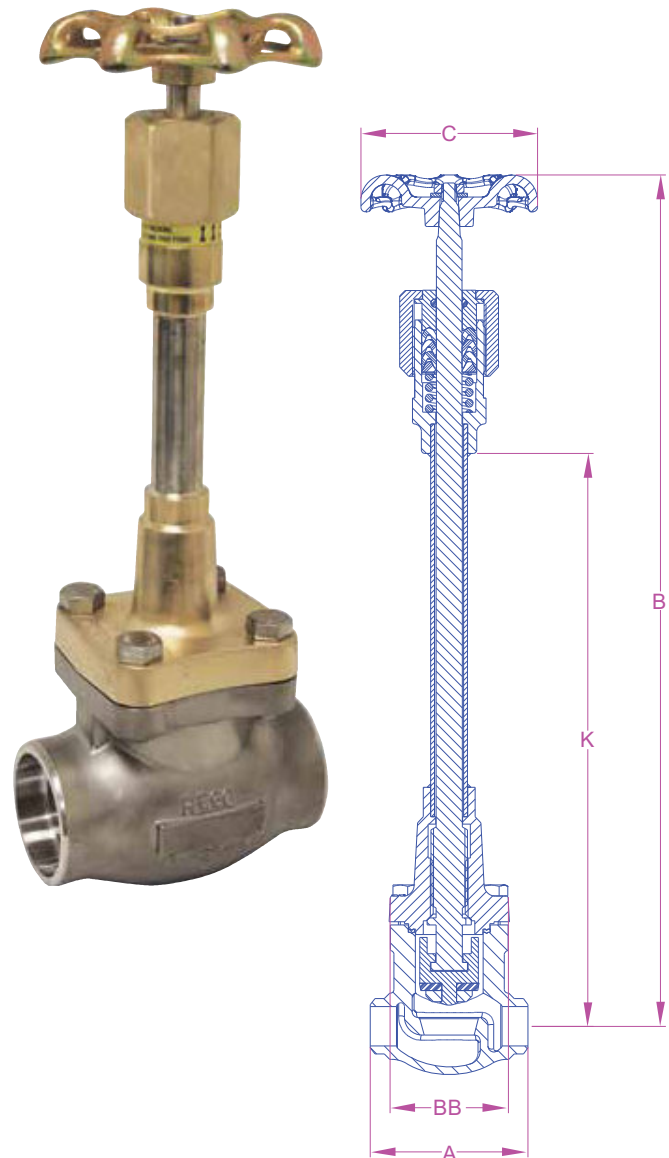
- **Superior Flow:** Provides high Cv for rapid and reliable trailer and tank loading and unloading.
- **Top Entry:** This valve can be permanently installed in the line and serviced from the top. Bolted bonnet style provides secure integrity.
- **Soft Seated:** Conical PCTFE seat provides a bubble tight seal. Less chance of debris trapped in the seat and longer service life.
- **Stem Packing:** V-Ring spring loaded packing provides extended service life without constant packing adjustment.
- **Sizes:** 1/4" through 2" - 20mm through 50mm
- **Ends:** Buttweld and Socket Weld
- **Service:** Liquefied and vaporized atmospheric gases, LNG for trailers, bulk tanks ISO containers and piping configurations.
- **Temperature Rating:** -325°F to +150°F (-198°C to +65°C)
- **Pressure Rating:** (Cold, Non-Shock) 720 PSI (50 Bar)
- Cleaned for liquid oxygen service per CGA G-4.1

Materials

Body	Stainless Steel ASTM A351
Upper Bonnet	Bronze ASTM B16
Lower Bonnet	Bronze ASTM B283
Seat Disk	PCTFE ASTM D1430
Seat Retainer.....	ASTM B16
Stem	Stainless Steel ASTM A582
Spring	Stainless Steel ASTM A313
Packing.....	PTFE
Handwheel.....	Chromate Coated Ductile Iron ASTM A395
Bonnet Gasket.....	PTFE, 25% Glass Filled
Fasteners.....	Stainless Steel ASTM A320

Ordering Information

Part Number	Size Inches	Size mm	Connection	A	B	C	BB	K	Est. Cv
SKB009402BW	1/4"	DN 6	Butt Weld	2.68	14.4	3	2	9.7	1.7
SKB009402SW			Socket Weld						5.0
SKB009404BW	1/2"	DN 15	Butt Weld	3.62		4	2.66	9.5	
SKB009404SW			Socket Weld						
SKB009406BW	3/4"	DN 20	Butt Weld	4.75	14.6	4.75	3.44	9.3	28.3
SKB009406SW			Socket Weld						
SKB009408BW	1"	DN 25	Butt Weld	5.75	16.21	5.25	4.06	9.9	53
SKB009408SW			Socket Weld						
SKB009412BW	1 1/2"	DN 40	Butt Weld	5.75	16.21	5.25	4.06	9.9	53
SKB009412SW			Socket Weld						
SKB009416BW	2"	DN 50	Butt Weld	5.75	16.21	5.25	4.06	9.9	53
SKB009416SW			Socket Weld						



RegO - Goddard Stainless Steel Globe Valve for Cryogenic Service SK Series

Application

SK Series globe valves are designed for the handling of cryogenic liquids through trailer, bulk vessels and piping configurations. Our time tested spring loaded stem packing and superior seat design provide for long life and easy maintenance. Internal components are the same for SKB, SK and BB series.

Features

- **Superior Flow:** Provides high Cv for rapid and reliable trailer and tank loading and unloading.
- **Top Entry:** Rugged stainless steel soft seated cryogenic globe valve. This valve can be permanently installed in the line and serviced from the top.
- **Soft Seated:** PCTFE seat provides a bubble tight seal and is replaceable.
- **Construction:** Body and Bonnet ASTM A351 J92600 Stainless steel
- **Stem Packing:** RegO BK Series V-Ring spring loaded packing provides extended service life without frequent adjustment.
- **Sizes:** ¼" Through 2" - (8mm through 50mm)
- **Ends:** Socket weld and butt weld.
- **Service:** Liquefied and vaporized atmospheric gases, LNG
- **Temperature Rating:** -325°F to +150°F (-198°C to +65°C)
- **Pressure Rating:** (Cold, Non-Shock) 725 PSIG (50 BAR) Class 300

Materials

Body	Stainless Steel
Bonnet and Tube	Stainless Steel
Seat Disk	PCTFE
Seat Retainer.....	Brass
Packing Spring/Washer.....	Stainless Steel
Stem	Stainless Steel
Packing.....	PTFE
Handwheel.....	Chromate Coated Ductile Iron
Bonnet Gasket.....	PTFE
Fasteners (Bolts).....	Stainless Steel

Ordering Information

Part Number	Size Inches	Size mm	Connection	A	B	C	K	Cv	Weight
SK9402BW	¼"	8	Buttweld	14.40	2.68	3.00	10.65	1.7	8.50
SK9404BW	½"	15						5.0	
SK9406BW	¾"	20						9.4	
SK9408BW	1"	25						14	8.30
SK9412BW	1½"	40						28.3	12.90
SK9416BW	2"	50	Socket Weld	16.21	5.75	5.25	11.11	53	21.60
SK9402SW	¼"	8		14.40	2.68	3.00	10.65	1.7	8.50
SK9404SW	½"	15						5.0	
SK9406SW	¾"	20						9.4	
SK9408SW	1"	25						14	8.30
SK9412SW	1½"	40		14.60		4.75	10.42	28.3	12.90
SK9416SW	2"	50		16.21		5.25	11.11	53	21.60
SKA9412SW	1½" 90°	40		14.60	-	4.75	10.42	26.4	11.50

