



# Stainless Steel Gate Valve for Cryogenic Service

## LOX Series

### Application

RegO LOX 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>, argon and LNG. Specifically designed for liquid oxygen (LOX) service.

### Features

- **Top Entry:** 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-CF8 J92600 Stainless steel
- **Sizes:** ½" - 6" (15mm - 150mm)
- **Ends:** RF Flange, Butt weld, Socket weld, Threaded (FNPT)
- **Service:** Liquefied and vaporized atmospheric gases, LNG
- WHZ valves with Grafoil® stem packing available.
- **Temperature Rating:** -320°F - 150°F (-196°C +65°C)
- 100% Factory Tested
- Clean for use in oxygen per CGA G-4.1
- **Pressure Rating:** (Cold, Non-shock)  
Class 150 valve - 275 psig (19 barg)  
Class 300 valve - 720 psig (50 barg)



**LOX Series**

### Ordering Information

Stainless Body • Butt Weld, Socket Weld, Threaded Ends

150# Part Number	300# Part Number	Valve Size		Ends	Weight		Estimated Cv
		Inches	MM		Lbs.	Kg.	
LOX00110W-4S3	LOX00110W-4S3	½"	15 mm	Socket Weld	15	6.80	7.00
LOX00110W-6S3	LOX00110W-6S3	¾"	20 mm	Socket Weld	15	6.80	23.00
LOX00110W-8S3	LOX00110W-8S3	1"	25 mm	Socket Weld	15	6.80	30.00
LOX00110W-12S3	LOX00110W-12S3	1½"	40 mm	Socket Weld	35	15.88	85.00
LOX00110W-16W3A	LOX00110W-16W3A	2"	50 mm	Butt Weld SCH10			100.00
LOX00110W-24W3A	LOX00110W-24W3A	3"	80 mm	Butt Weld SCH10	65	29.48	310.00
LOX00110W-24W3J	LOX00110W-24W3J			Butt Weld SCH40			
LOX00110W-32W3A	LOX00110W-32W3A	4"	100 mm	Butt Weld SCH10	80	40.82	700.00
LOX00110W-32W3J	LOX00110W-32W3J			Butt Weld SCH40			
LOX00110W-48W3A	LOX00110W-48W3A	6"	150 mm	Butt Weld SCH10	120/150*	54.43/68.04*	850.00
LOX00110W-48W3J	LOX00110W-48W3J			Butt Weld SCH40			

150# ANSI Class (275 psig Cold Working Pressure) 300# ANSI Class (720 psig Cold Working Pressure)\* Second number indicates valve for 300# part number.  
Service: 300#-720 psig Non-shock Cold • Service: 150#-275 psig Non-shock Cold • Temperature Rating +150°F - 325°F • Mounting plate option available  
Custom sizes and connections available.