

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, CO2, 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 300 valve - 720 psig (50 barg)



LOX Series

Ordering Information Stainless Body • Butt Weld, Socket Weld, Threaded Ends

300# Part Number	Valve Size		Ends	Weight		Estimated Cv (Kv)
	Inches	DN		Lbs.	Kg.	
LOX110W-4S3	½"	15	Socket Weld	15	6.80	7.00 (6.05)
LOX110W-6S3	¾"	20				23.00 (19.89)
LOX110W-8S3	1"	25				30.00 (25.95)
LOX110W-12S3	1½"	40				85.00 (73.52)
LOX110W-16W3A	2"	50	Butt Weld SCH10	35	15.88	100.00 (86.50)
LOX110W-24W3A	3"	80				310.00 (268.15)
LOX110W-24W3J			Butt Weld SCH40	65	29.48	700.00 (605.50)
LOX110W-32W3A	Butt Weld SCH10	80	40.82			
LOX110W-32W3J	Butt Weld SCH40			120/150*	54.43/68.04*	850.00 (735.25)
LOX110W-48W3A	Butt Weld SCH10					
LOX110W-48W3J	Butt Weld SCH40					

300# ANSI Class (720 psig (50 barg) Cold Working Pressure)* Second number indicates valve for 300# part number.

Service: 300#-720 psig (50 barg) Non-shock Cold • Service: 150#-275 psig (19 barg) Non-shock Cold

- Temperature Rating +150°F - 325°F (+65°C -198°F) • Mounting plate option available
- Custom sizes and connections available.