

Lubricated Plug Valve for Fluid Control

This lubricated plug valve is designed for controlling fluid flow in industrial applications. Its lubricated design ensures smooth operation and prolonged valve life, while also providing a tight shutoff.



Product Overview

Inverted Pressure Balanced Lubricated Plug Valve

This inverted pressure balanced lubricated plug valve is engineered for reliable fluid control across demanding industrial sectors, including petroleum, chemical, and electric power industries. Designed to meet ANSI standards, it features a robust structure with a flip-chip pressure balancing mechanism that ensures light, smooth on/off operation. The integrated sealant groove system allows for the infusion of seal grease, significantly enhancing sealing capability and extending service life in high-pressure environments.

Technical Specifications

Operating Temperature

-29 °C

Minimum Temperature

180 °C

Maximum Temperature

Configuration Requirements

Pressure Class	Requirement
Class 150	NPS e 4" with gear; NPS e 12" with venturi pattern
Class 300-1500	NPS e 4" with gear; NPS e 6" with venturi pattern

Pressure Rating	Class 150 - 1500 LB
Applicable Industries	Petroleum, Chemical Industry, Pharmacy, Chemical Fertilizer, Electric Power

Design Features

Design Highlights

- Inverted pressure balanced structure
- Light on/off operation
- Integrated sealant groove for enhanced sealing
- Customizable material and flange dimensions