

# 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                           |
| <b>Pressure Rating</b>       | Class 150 - 1500 LB   |
| <b>Applicable Industries</b> | 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