

# Industrial Control Valve

This high-performance control valve adjusts the valve opening to modify flow. It maintains specified pressure and flow rates within process piping and equipment.



## Overview

### High-Performance Industrial Control Valve

This industrial control valve is engineered for precise flow, pressure, and level regulation in demanding piping systems. Designed to operate effectively under high pressure and large flow conditions, it offers excellent stability and reduced noise levels. Available in balanced and non-balanced configurations, it utilizes advanced structural designs to provide anti-cavitation, minimal leakage, and exceptional wear resistance.

## Valve Characteristics

### Internal Seat Types

- Direct single seat
- Straight through two-seater

### Valve Categories

Regulating Valve, Throttle Valve, Pressure Reducing Valve

## Technical Features

### Control Element Shapes

- Needle
- Parabolic
- Slotted
- Cage
- Laminated

### Compatible Actuators

Electric Actuator, Pneumatic Actuator

## Performance

### Key Performance Capabilities

**0 None**

Leakage Control

**1 High**

Cavitation Resistance

## Structural Design

### Advanced Structural Options

- Multi-stage flow (gourd) structure
- Porous cage structure
- Porous laminated structure
- Labyrinth disc structure
- Teeth shaped structure
- Low noise design
- DST anti-wear structure