

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