

# Pressure Relief Valve

This relief valve reduces import pressure to the required export pressure through adjustment, relying on the medium's energy to automatically maintain stability. The pressure reducing valve changes the throttling element through changing the throttling area, the velocity of the fluid and kinetic energy change, resulting in different pressure loss, so as to achieve the purpose of decompression.



## Product Overview

### High-Performance Pressure Relief

This pressure relief valve is designed to automatically reduce import pressure to a required export level, ensuring stable system output. Utilizing fluid mechanics, the valve acts as a variable throttling element that adjusts velocity and kinetic energy to maintain precise pressure levels. It is engineered for demanding industrial environments including oil and gas, chemical processing, and water treatment, offering reliable overpressure protection.

## Technical Specifications

### Applications

- Oil and Gas
- Chemical Processing
- Water Treatment

### Operating Mechanism

Throttling element with spring force balance

### Certifications

CE, TUV, TS