Steel Automatic Control Valve Pressure Relief Valve For Water

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: SV-150-2x3
- Minimum Order Quantity: 10 PCS
- Price: USD15-USD20000 EACH
- Packaging Details: carton box+ ply wooden cases or carton+ Pallets
- Delivery Time: 20 days for usual order, 7 days for stocked items
- Payment Terms: T/T, L/C, D/P
- Supply Ability: 1000pcs one month

Product Specification

- Valve Body Material: ASME SA 216 Gr. WCB CS
- Highlight: **Automatic Control Valve**, **Steel Control Valve**, **Water pressure relief valve**

Our Product Introduction

for more products please visit us on piping-industry.com

Product Description

carbon steel flanged PN25 pressure relief valve
Steel Automatic Control Valve Pressure Relief Valve For Water

Quick details
PRESSURE RELIEF SAFETY VALVE 150#
Safety relief, Close bonnet, Full nozzle, Bolted cap
Fluid state: liquid
Body and bonnet: ASME SA 216 Gr. WCB CS
Disc and Seat:304
Resilient seat seal: Viton
Guide and rings:SS316
Spring:50CrVA
Nozzle: 304
Percent overpressure:10%
Valve discharge coefficient:0.65
Sizing basis: Blocked discharge

Product Range:

Sizes	1/2" x 1", 3/4" x 1.1/4", 1" x 1.1/2", 1.1/4" x 2", 1.1/2" x 2.1/2", 2" x 3", 2.1/2" x 4"
Connections	Flanged DIN or ANSI
Materials	Carbon Steel or Stainless Steel
Disk Material	Metal, Viton, Nylon, PEEK
Joints & Seals	NBR, FPM, EPDM (depending upon model)
Medium	Steam, Gases and Liquids
Set Pressure	0.1 to 220 Barg (depending upon size)
Temperature	(32.1) -10 to 280 degC, (32.2) -60 to 280 degC, (32.7) -200 to 280 degC

Performance

safety valve used to control or limit the pressure in a system; pressure might otherwise build up and create a process upset, instrument or equipment failure, or fire. The pressure is relieved by allowing the pressurized fluid to flow from an auxiliary passage out of the system. The relief valve is designed or set to open at a predetermined set pressure to protect pressure vessels and other equipment from being subjected to pressures that exceed their design limits. When the set pressure is exceeded, the relief valve becomes the "path of least resistance" as the valve is forced open and a portion of the fluid is diverted through the auxiliary route. The diverted fluid (liquid, gas or liquid–gas mixture) is usually routed through a piping system known as a flare header or relief header to a central, elevated gas flare where it is usually burned and the resulting combustion gases are released to the atmosphere. As the fluid is diverted, the pressure inside the vessel will stop rising. Once it reaches the valve's reseating pressure, the valve will close. The blowdown is usually stated as a percentage of set pressure and refers to how much the pressure needs to drop before the valve reseats. The blowdown can vary from roughly 2–20%, and some valves have adjustable blowdowns.

Application

Used in equipment and pipelines with oil, air, water and other media with working temperature ≤300 .

SHIJIAZHUANG DEYE PIPING INDUSTRY CO., LTD Pipefittings Department)

+8613292824811 sales@deyepiping.com piping-industry.com

No. 368 Youyi St. Shijiazhuang, Hebei, China