Bronze Pressure Reducing Control Valve With CL150LBS 300LBS

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: PR-300-10
- Minimum Order Quantity: 10 PCS
- Price: USD10-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: Bronze C95800
- Highlight: **Reducing Control Valve**, **300LBS Control Valve**, **Bronze pressure reducing valve**

Our Product Introduction

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Product Description

Model No.: PR-300-10
PN25 Bronze Flanged Pressure Reducing PRV valve for sea water

Quick Details:

Design and manufacture: ASME B16.34
Face to face: ASME B16.10
Flange connection: ASME B16.5
Test and inspection: API598
Body: Bronze C95800
Stem: Monel K400
Disc: Bronze C95800
Seat: PRTFE
Guiding Sleeve: Monel K400
Plug: Bronze C95800
Spring: SS316
Inlet pressure: PN25
Outlet pressure PN12
Max reducing Ratio: 10:1

Product Range:

Available Material of Body: WCB, stainless steel, bronze, alloy steel
Available Material of Disc: WCB, stainless steel, bronze, alloy steel
Guiding Sleeve: Monel K400
Plug: SS304, SS316, Bronze, Alloy Steel
Spring: SS316/SS304/65Mn.
Size Range: DN15-500mm
Pressure Range: PN1.6, 2.5, 4.0, 6.4, 10.0, 16.0, 25.0Mpa
Maximum inlet pressure: 1.6, 2.5, 6.4, 10.0, 16.0, 25.0Mpa
Outlet pressure range: 0.1-1.0, 0.1-1.6, 0.1-2.5, 0.5-3.5, 0.5-3.5, 0.5-4.5Mpa (customized according to the range of user needs)
Pressure characteristic deviation: GB12246-1989
Flow characteristic deviation: GB12246-1989
Minimum pressure difference: 0.15, 0.15, 0.2, 0.4, 0.8, 1.0Mpa
Penetration: GB12245-1989

Performance:

The pressure reducing valve is a valve that adjusts the inlet pressure to a certain outlet pressure and depends on the energy of the medium to automatically maintain the outlet pressure stable. From the point of view of fluid mechanics, a pressure reducing valve is a throttling element whose local resistance can be changed, that is, by changing the throttling area, the flow velocity and the kinetic energy of the fluid are changed, causing different pressure losses, thereby achieving the purpose of decompression. Then rely on the adjustment of the control and adjustment system to balance the fluctuation of the pressure behind the valve with the spring force, so that the pressure behind the valve remains constant within a certain error range.

The feature as below:

1. The direct-acting piston structure is adopted, the internal structure is very simple, no jamming, reliable performance and durable.
2. Resistant to dirt and water, no need for filters, no need
Bypass piping, piping is extremely simple, can save a lot of space and piping costs.
3. The outlet pressure can be adjusted precisely from 1 to 5.5 bar. In general, the outlet pressure can be considered regardless of the influence of the inlet pressure.
4. Excellent hydraulic characteristics, small pressure loss, decompression ratio can reach more than 10:1

Application:

It can meet a variety of decompression requirements, and is especially suitable for branch pressure relief valve systems.

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