



## 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

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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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