Ductile Iron WCB Pressure Reducing Valve For Water System

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: The 200X pressure reducing
- 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: Ductile Iron , WCB
- Highlight: **WCB pressure reducing valve**, **Ductile Iron pressure reducing valve**, **WCB water pressure regulator**

Our Product Introduction

Product Description

Ductile Iron WCB Pressure Reducing Valve For Water System

The 200X pressure reducing or called stabilizing valve (adjustable pressure reducing valve) consists of a main valve, a pilot valve, a needle valve, a ball valve, a micro filter and a pressure gauge to form a hydraulic control connection system. When in use, after setting the outlet pressure, valve Can automatically maintain a stable outlet pressure.

Specifications

Body Parts	Material
Body, Bonnet	Ductile iron, WCB
Seat/ Disc	Alloy Brass
Diaphragm	NBR, N-BUNA
Seal Rings	NBR
Shaft/ Stem	2Cr13
Spring	50CrVA
Needle Valve	Brass. Bronze, Stainless steel
Ball Valve	Brass. Bronze, Stainless steel
Float Ball	Brass, Stainless Steel
Micro. Strainer	Stainless Steel

Working Pressure Adjustment Scope

Pressure	Shell Test	Seal Test	Inlet Rating	Outlet	Medium	Temperature
PN10	PN15	PN11	PN10	Bar 0.9-8	Water	0-80
PN16	PN24	PN17.6	PN16	Bar 1.0-12		
PN25	PN37.5	PN27.5	PN25	Bar 1.5-16		

Performance

The pressure reducing valve is a valve that reduces the inlet pressure to a certain required outlet pressure through adjustment, and relies on the energy of the medium itself to keep the outlet pressure automatically stable. From the point of view of fluid mechanics, the 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, resulting in different pressure losses, so as to achieve the purpose of decompression. Then rely on the adjustment of the control and regulation system to balance the fluctuation of the post-valve pressure with the spring force, so that the post-valve pressure remains constant within a tolerance range.

Application

Water flow through the pressure reducing valve has a large head loss, but it is still energy-saving in general because it reduces the waste of water, makes the system flow distribution reasonable, and improves the system layout and working conditions. For the convenience of operation, adjustment and maintenance, the pressure reducing valve should generally be installed on the horizontal pipeline

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