



Cast Ductile Iron Pressure Released Control Valve With Brass Fittings

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: 500X pressure relief/sustaining valve
- 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: **Released Control Valve,
Cast Ductile Iron Control Valve,
Brass release valve**

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Product Description

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Overview

The 500X pressure relief / sustaining valve consists of a main valve, a pressure relief/sustaining pilot valve needle valve, a ball valve, a micro-filter and a pressure gauge to form a hydraulic control pipe system. Using hydraulic automatic operation, it can be used not only as a pressure relief valve but also as a pressure sustaining valve.

When used as a pressure relief valve, it can maintain the pressure of the water supply line below the set safety value; As a pressure sustaining valve, it can maintain the upstream water pressure of the main valve above the set value and maintain the upstream water supply pressure of the main valve.

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		

Application:

The 500X pressure relief/sustaining valve is mainly used in firefighting or other water supply systems to prevent system overpressure or maintain the pressure of fire water supply systems. The impact of water hammer can also be reduced after the fire pump is turned off. Also used in water hammer devices for large water supply systems. In addition, a clean filter is installed at the inlet of the valve control system. Using the characteristics of the fluid, the suspended particles with large specific gravity and large diameter will not enter the control system, ensuring the smooth circulation of the system and making the valve operate safely and reliably. The system operates smoothly, with high strength and long service life.

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