Fully Rubber Lined Wafer Check Valves With PN10 PN16 PN25

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-CV-H-10
- Minimum Order Quantity: 10PCS
- Price: USD2-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

- Highlight: **PN10 Wafer Check Valves**, **PN25 Wafer Check Valves**, **PN16 wafer style check valve**

More Images

Our Product Introduction

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Product Description

Model No. CV-H-10

Ductile iron/cast iron duo plate double disc check valves with DNV GL approved , ANSI 150LBS. Temperature: -40 -+125

Quick Detail
Design standard: API594 DIN
End connection: Wafer to connect flange ANSI B16.5
Face to face: ANSI DIN F48
Working temperature: -40 ~+125 .
Test and inspection: API 598.
Double disc spring loaded Check Valve
Epoxy powder coated inside and outside Min. 250Microns.

Product Range:

Body connection Type: wafer, Lug, double flanged
Available Body Material: Cast Iron GG25, Ductile iron GGG40, GGG50, rubber lined body
Available Disc Material: Ductile iron, Bronze, SS304 SS316,Duplex SS2205 SDSS 2507
Optional Seat Ring: EPDM, NBR, PTFE, VITON
Optional Ends: BS4504/EN1092-1 PN16/ ANSI B16.5 RF
Size Range: DN50-DN800 (2”-32”)
Pressure Range: PN10, PN16, PN20(150LBS)
Optional surface color: RAL5002, RAL5015. RAL5005, red, black. Or customized

Performance:

• The innovative Dual-Plate Design employs two spring-loaded plates suspended on a central vertical hinge
. As Flow Begins, the plates open in response to a resultant force Which acts at the center of the sealed Surface Area
• The Contact point of the reacting spring leg's force acts beyond the center of the plate area, causing the heel to pen first. This prevents rubbing of the seal surface prior to normal plate opening
• As the velocity of flow decreases, torsion spring action reacts automatically. The moves of plates closer to the body seats, reducing the distance and time of travel for closure. By Having
. the plates closer to the body seats at the time of flow reversal. The valve dynamic response is greatly enhanced, This dramatically reduces the water hammer effect
• At closing, the point of spring force causes the plates to close first. This prevents dragging of the heels of the plates and periods maintains seal integrity for much longer Periods

Technical Data Sheets

APPLICATIONS

Steam, Superheated Water, Hot Water, Cold Water, Fluids without acidity or alkalinity properties, Chemicals

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