



Cast Ductile Iron Wafer Style Knife Gate Valve With Rubber Seat

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-D-KGV-21
- 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: Ductile Iron wafer style knife gate valve, Iron wafer style knife gate valve, DN1200 wafer knife gate valve



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Product Description

Quick Details:

Design: knife valve with Wafer, Lug, double Flanged conenction
 Replaceable rubber seat
 Seal: U type PTFE rubber
 Unidirectional knife valve
 Self-cleaning mechanism
 Test pressure Max 2.4mpa(24kgf/cm2)
 Working pressure ≤ 1.6 mpa(16kgf/cm2)
 Working Temperature $\leq 180^{\circ}\text{C}$
 Suitable medium water, oil, other liquid
 Surface: FBE min. 200mincrons.
 Operation: Lever Armed

Specifications

Cast Ductile Iron Knife Valves With Flange Ends	
Material	Iron
Sizes Range	2" - 48" or DN 50 - DN 1200
Pressure Rating	Class150 or PN6 - PN16
Design	Knife valve with Wafer, Lug, double Flanged conenction
Seat type	Replaceable rubber seat
Seal	U type PTFE rubber
Flow Direction	Unidirectional / Bi-directional
Mechanism	Self-cleaning mechanism
Test pressure Max	2.4mpa(24kgf/cm2)
Working pressure	≤ 1.6 mpa(16kgf/cm2)
Working Temperature	$\leq 180^{\circ}\text{C}$
Suitable medium	Water, oil, other liquid
Surface	FBE min. 200mincrons
Operation	Lever Armed
Operation Materials of valve body	Ductile iron, WCB, LCB, WC6, CF8, CF3, CF8M, CF3M, 4A, etc.
Optional Design & Manufacture	MSS SP-61, ASME 16.34
Optional ace to Face	MSS SP-81, ASME B16.10, EN 558
Optional Connection End	ASME B16.5, EN 1092, JIS B2220
Optional type	Wafer, lug, flanged
Operation Seat	Metal seated or resilient rubber EPDM, NBR, PTFE
Operation Shaft Design	Rising stem or non-rising Stem
Operation	Manual, Gear, Pneumatic, hydraulic and Electric actuator

Product Range:

Materials of valve body: ductile iron, WCB, LCB, WC6, CF8, CF3, CF8M, CF3M, 4A, etc.
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 Optional type Wafer, lug, flanged
 Seat: metal seated or resilient rubber EPDM, NBR, PTFE
 Rising stem or non-rising Stem
 Sizes Range: 2" - 48" or DN 50 - DN 1200
 Pressure Rating: Class150 or PN6 - PN16
 Operation: Manual, Gear, Pneumatic, hydraulic and Electric actuator

Performance:

Knife gate valve is also called slurry valve and mud valve. Its opening and closing parts are knives. The movement direction of the knife is perpendicular to the direction of the fluid. It is cut by a blade-shaped gate that can cut fiber materials. The medium and the gate have two sealing surfaces. The two sealing surfaces of the most common mode gate valve form a wedge shape. The wedge angle varies with the valve parameters, usually 5°. The gate of the wedge knife gate valve can be made into one The whole is called a rigid ram; it can also be made into a ram with a small amount of deformation to improve its manufacturability and make up for the deviation of the sealing surface angle during processing. This kind of ram is called an elastic ram.

The valve body does not actually have a cavity, and the gate moves up and down in the side guide groove, and is pressed against the valve seat by the lug at the bottom. If you need to achieve a higher medium tightness, you can use an O-shaped valve seat to achieve Two-way seal.

The knife gate valve has a small installation space, low working pressure, difficult to accumulate debris, and low price.

Application:

Used on the field of Water supply, sewage, powder products, crystals, Winemaking, mineral, cement, transportation, storage etc.

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