



## PN10 PN16 Cast Iron Knife Gate Valve With Arm Operated

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-D-KGV-24
- 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: Cast Iron knife gate valve, PN16 knife gate valve , PN10 knife edge gate valve



### More Images



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## Product Description

### Quick Details:

PN10 PN16 Cast Iron Knife Gate Valve With Arm Operated  
 Design: knife valve with Wafer, Lug, double Flanged conenction  
 Replaceable rubber seat  
 Seal: U type PTFE rubber  
 Unidirectional knife valve  
 Self-cleaning mechanism

### Specifications

Material	Iron
Design	knife valve with Wafer, Lug, double Flanged conenction
Seal	U type PTFE rubber
Test pressure Max	2.4mpa(24kgf/cm2)
Working pressure	≤1.6mpa(16kgf/cm2)
Working Temperature	≤180°C
Suitable medium	Water, oil, other liquid
Surface	FBE min. 200mincrons
Operation	Lever Armed

### Product Range:

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  
 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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