



GG25 GGG40 GGG50 Cast Ductile Iron Knife Valves With Flange Ends

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-D-KGV-23
- 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: GG25 knife valves, GGG50 knife valves, GGG40 ductile iron 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

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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