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Rubber Seated Knife Gate Valve



MVI Knife Gate Valves are designed and engineered to a higher standard, to provide the best performance possible, rubber seated knife gate valve has a great abrasion resistant performance, is good deal for slurry application.

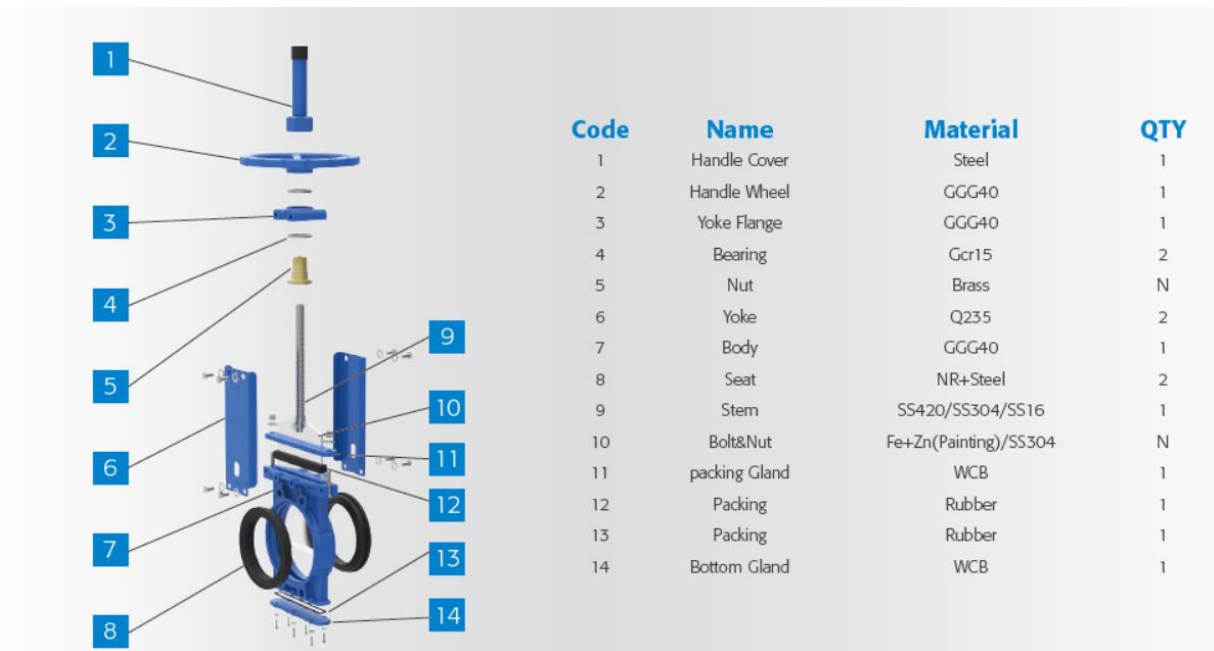
MVI Knife Gate Valves are the perfect compliment to our broad range of slurry handling products. All the Knife Gate Valves are designed and engineered to a higher standard, to provide the best performance possible. Standard features such as precision-machined gates, heavy-duty top works and ductile iron bodies up to 32" make the valves rugged and dependable. Other features such as replaceable wear seats, simplified packing replacement or solid stainless steel linings make the valves affordable and easy to maintain.

MQWZ73X Series Rubber Sealing Knife Gate Valve

Technical Specification

- Design Standards: MSS SP-81
- Flange Ends: DIN PN10, PN16, 150LB, JIS 10K, TABLE E/D
- Face to face: MSS SP-81
- Inspection and Testing: API 598
- Size and Pressure Range: DN50-100 16bar
DN125-200 10bar
DN250-400 7bar
DN450-500 5bar
DN600-700 3bar
DN800 2bar
- Body Material: GGG40
- Disc Material: CF8/CF8M/CF3M
- Sealing Material: NR(natural rubber), EPDM (Permanent free replacement)

- Packing: PTFE, high water based, rubber packing, graphite
- Operator: handwheel, electric, pneumatic, hydraulic, sprocket, electro-hydraulic, gear



Exploded View Of Rubber Sealed Knife Gate Valve

Product Description:

MVI NR Sealing Knife Gate Valve is to use two rubber seats on the clip pressed the knife a sealing effect. When the knife is fully open, the two seat seals combined together tightly, the pipeline pressure will make sealing better, while the valve is closed, the gate can be arbitrarily removed convenient maintenance, no need to remove the entire valve repair and does not affect the normal operation of the pipeline.

Designed with a ductile iron body or fabricated steel body, stainless steel gate and two heavy-duty elastomer seats. The port is formed by two heavy-duty elastomer seat halves. The seats are available in various elastomers for chemical compatibility and abrasion resistance. A flush area at the valve's base provides a clean-out port. The valve provides bi-directional shut off.

The relatively simple design eliminates expensive overhauls, unscheduled shutdowns and costly replacement parts. The only replacement parts are the slurry sleeves and the packing. The valve self cleans each time it is cycled, making it ideal for automated plants.

Features:

- Bi-directional seal
- additional seat design
- Self sealing design Suitable for a variety of different conditions
- 2PC Strong yoke design
- Cleaning hloe design ,easy for cleaning body Residual medium
- Mixed with a variety of materials packing

EPDM Sealing Knife Gate Valve For Slurry Application

General Applications:

Applicable for coal in power plant, slag discharge, sewage treatment, food, paper making, medicine, petroleum and chemical industry, water, Oil, steam, connecting or cutting grout, gold powder, ores, slag, coal, pulp, wood pulp, tailings, fibers, dust, chemicals, sewage treatment, sedimentation tanks, asphalt, bunker export, cereals, slaughter plant waste and other media.

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