



DeZURIK KNIFE GATE VALVES FOR MINING & ABRASIVE APPLICATIONS

DeZURIK offers a full range of Knife Gate Valves backed by years of experience in the design & application of rugged valves for mining & abrasive service.

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|------------------------------|---------------------------------------|----------------------------------|---------------------------|----------------------------------|--------------------------------------|---------------------------|-----------------------------|--|--|
| Valve Models and Performance | Highest Abrasion Resistance/ Pressure | | | | | | | | |
| | Broad Application Range | | | | | | | | |
| | Economy | | | | | | | | |
| Models | KGN Standard Knife Gate | KGC Heavy Duty Knife Gate | KUL Urethane Lined | KSL-SD Wafer Slurry Valve | KSL-LA Long Body Slurry Valve | KSV Severe Service | Hilton Custom Valves | | |
| Standard CWP to: | 150 PSI | 150 PSI | 250 PSI | 150 PSI | 100 PSI | 740 PSI | Over 740 PSI | | |

| Valve Style | Media | | | | | |
|---------------|---------------------|---------------------|--------------------------------|----------------------------------|------------------------------------|---------------------|
| | Raw Water | Dirty Liquids | Light Slurry 0 - 15% Solids | Medium Slurry 15 - 30% solids | Heavy Slurry 30% Solids or More | Extreme Abrasion |
| KGN | May Be Used | May Be Used | May Be Used | | | |
| KGC | Typical Application | Typical Application | Typical Application | May Be Used | | |
| KUL | Typical Application | Typical Application | Maximum Performance | Typical Application | May Be Used | |
| KSL-SD | May Be Used | May Be Used | Typical Application | Maximum Performance | Maximum Performance | |
| KSL-LA | May Be Used | May Be Used | Typical Application | Maximum Performance | Maximum Performance | |
| KSV | May Be Used | May Be Used | Maximum Performance | Maximum Performance | Maximum Performance | Maximum Performance |
| HILTON | Typical Application | Typical Application | Typical Application | May Be Used | May Be Used | May Be Used |

Rating System:

May Be Used: Thoroughly evaluate the application before selecting this valve. Though this valve maybe the low initial cost, it would seldom provide the lowest total cost of ownership.

Typical Application: Based on experience, it is very common to install this valve in the stated application.

Maximum Performance: The valve listed as a Maximum Performance has been specifically designed for the stated application in most cases. Although the initial cost will be higher than other valves, the total cost of ownership is typically much lower.

This valve selection chart is designed to provide you with a quick reference on valve style capabilities. The chart considers both cost and performance factors for a specific application when determining whether a valve style is rated Maximum Performance, Typical or May Be Used.

When evaluating a valve for any application, primary considerations are pressure rating, temperature limitations and fluid compatibility. Other considerations include importance of leak-free packing, seat leakage, and frequency of valve operation. Other factors include, but are not limited to fluid velocity, cycle frequency, speed of operation, dimensions and accessibility for installation or maintenance.

For more information, contact DeZURIK, Inc. or your local representative with your specific application requirements.

Sales and Service

For information about our worldwide locations, approvals, certifications and local representative:

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