



DeZURIK Valves for Coal Fired Applications Pulverizer / Burner Shutoff Isolation

Application market: Coal Fired Power Generation Utilities

Unit Application: Coal pulverizer to injection nozzle piping system.

Valve Applications Within the System: Shut-off, isolation applications within the burner feed piping.

Code Requirements: National Fire Protection Association (NFPA) 8503, Article 2-6.1 50 PSIG (344 kPa) internal explosion requirements.
125/150 ASME flange drillings, options for B&W, NFPS, MSS and ISO flange patterns

DeZURIK Valve Styles: [KCI Coal Burner Isolation Valves](#)
[KGC-ES Extended Service Cast Stainless Steel Knife Gate Valves](#)



DeZURIK Advantages in Coal Fired Power Generation Burned Isolation Applications:

DeZURIK KCI Knife Gate Valves

- ASME 125/150 standard flange drillings, NFPA and Babcock & Wilcox flange drillings are also available.
- NFPA 8503 compliant.
- Metal seat design.
- Severe service 200 PSIG body rating.
- Removable / replaceable seat ring for extended life in coal dust applications.
- Unique body design without cavities in the seat area, and the beveled gate edge, eliminate requirements for purge connections in the seat area.
- Perimeter seat seal is achieved with a rounded edge gate and one-piece molded seat with integral stainless metal insert.



DeZURIK KGC-ES Knife Gate Valve

- 100% full port area equal to ASME B36.10 standard pipe and provides maximum flow capacity.
- NFPA 8503 compliant.
- Metal seat design.
- Non-Removable cobalt chromium overlay seat, or optional removable hardened seat.
- Optional cobalt-chromium alloy overlay on the leading edge of the gate.
- Optional cobalt-chromium alloy (plasma spray) 1.5mm thick minimum on the port opening interior (excluding chest & protecting jam guide gate surfaces).



SALES AND SERVICE

For more information, contact DeZURIK

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DeZURIK, Inc. reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing by DeZURIK, Inc. Certified drawings are available upon request.