



Severe Service Valves

Product Data Sheet

WZ Style Ceramic Gate Valve

Ultra Fine Powder and Fly Ash Service

- Designed for use with high abrasion media, including dust, catalysts, and other small particles.
- Gate seat is spring loaded to enhance sealing effect for ultra-fine powders.
- Expansive gate cavity allows flowable product to “flow” into open areas, allowing gate to close
- Ceramic internals for abrasion resistance
- Dual seats create bi-directional sealing.
- Multiple connections available, including ANSI and DIN Standard Flanged and pipe stub ends, for seamless integration into existing systems.
- Materials are selected on an application basis. Options include Super Duplex Stainless Steel, Hastelloy, Stainless Steel, Cast Steel, and others, as required.
- Ceramic seat materials are also selected on an application basis. Options include high alumina ceramics, silicon carbide, and others.

Used in these industries:

- Power Plant Pneumatic Fly Ash Handling
- Pneumatic Aluminum oxide transport.
- Transport of Ultra-Fine Particulate



SK Valve

Buffalo, NY

Ph: (716) 795-8111 FAX: (716) 799-0969

www.skvalveusa.com

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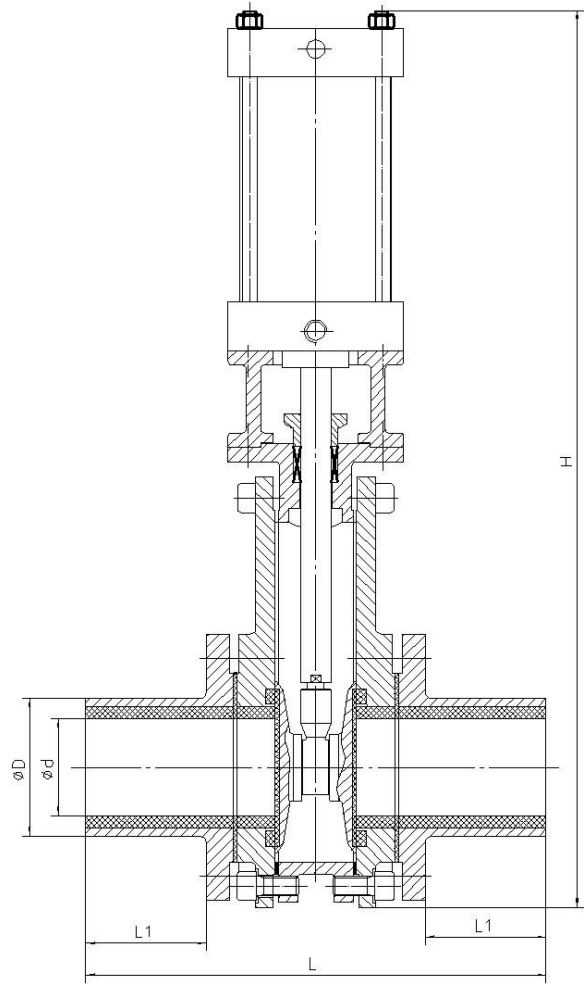
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Product Specifications

WZ Style Ceramic Fly Ash Gate Valve

Materials of Construction	
Body	Carbon Steel/ Cast Iron
Gate	SS and Ceramics
Stem	Carbon Steel

Additional Material Choices Available



Dimensions (Inches, Class 150)									
Size	4"	5"	6"	8"	10"	12"	14"	16"	18"
ϕD	4.50	5.56	6.63	8.63					
ϕd (nom)	3.00	4.00	5.00	6.69	9.00	11.00	13.00	15.00	17.00
L	14.96	16.53	18.66	21.02					
L (flanged)	9.00		10.50	11.50	13.00	14.00	15.00	16.00	17.00
L (alt)	5.12	6.69	6.69	9.06	11.02	12.60	13.78		
L1	3.94	3.94	4.92	4.92					
H	29.53	34.25	37.40	47.24					

Style WZ can be manufactured to any international standards, including special face-to-face and dimensional requirements. Specifications subject to change as product enhancements take effect.

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