

SKYCERA®

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Severe Service Valves for Severe Industries

CSV Style Ceramic Slurry Valve

Severe Service Slurry Valve

- Structural ceramics are used on the valve gate and seat to resist wear, corrosion, high temperatures and thermal shock.
- Product is suitable for conveying wearing media, including dust and particles in vacuum systems.
- Dual seats create bi-directional sealing.
- Required operating power is low; manual, electric and pneumatic actuators may be used.
- Materials are selected on an application basis. Options include Super Duplex Stainless Steel, Hastelloy, Stainless Steel, Cast Steel, and others, as required.
- Multiple ANSI and DIN flange standards are available. Higher classes available.
- Typically used for on/off service
- Ceramic seat materials are also selected on an application basis. Options include high alumina ceramics, silicon carbide, and others.

Used in these Applications:

- Power Plant Bottom Ash
- Bottom ash pyrite systems
- FGD Slurry Systems
- Conveying Systems for dust, powder and slurry in mining and aluminum production





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Product Specifications

Typical Materials		
1	Body	WCB
2	Actuator Yoke	WCB
3	Packing Gland	WCB
4	Lining / Seat	Ceramic
5	Disc	Ceramic
6	Stem	AISI 420
7	Gaskets	PTFE
8	Packing	PTFE
9	O-rings	Viton

Standard Valve	
Pressure Rating:	150 psi
Temperature Rating:	400° F (204° C)
Maximum Size:	36"
Extended range units available on custom basis.	

Dimensions (Inches, Class 150)						
Size		4"	6"	8"	10"	12"
Face to Face	L	2.00	2.50	2.75	2.75	3.00
Bore	D	3.62	5.28	6.93	8.90	11.26
Height	H	38.18	42.90	53.30	58.94	72.17
Weight	lb	105.60	165.00	264.00	330.00	396.00

