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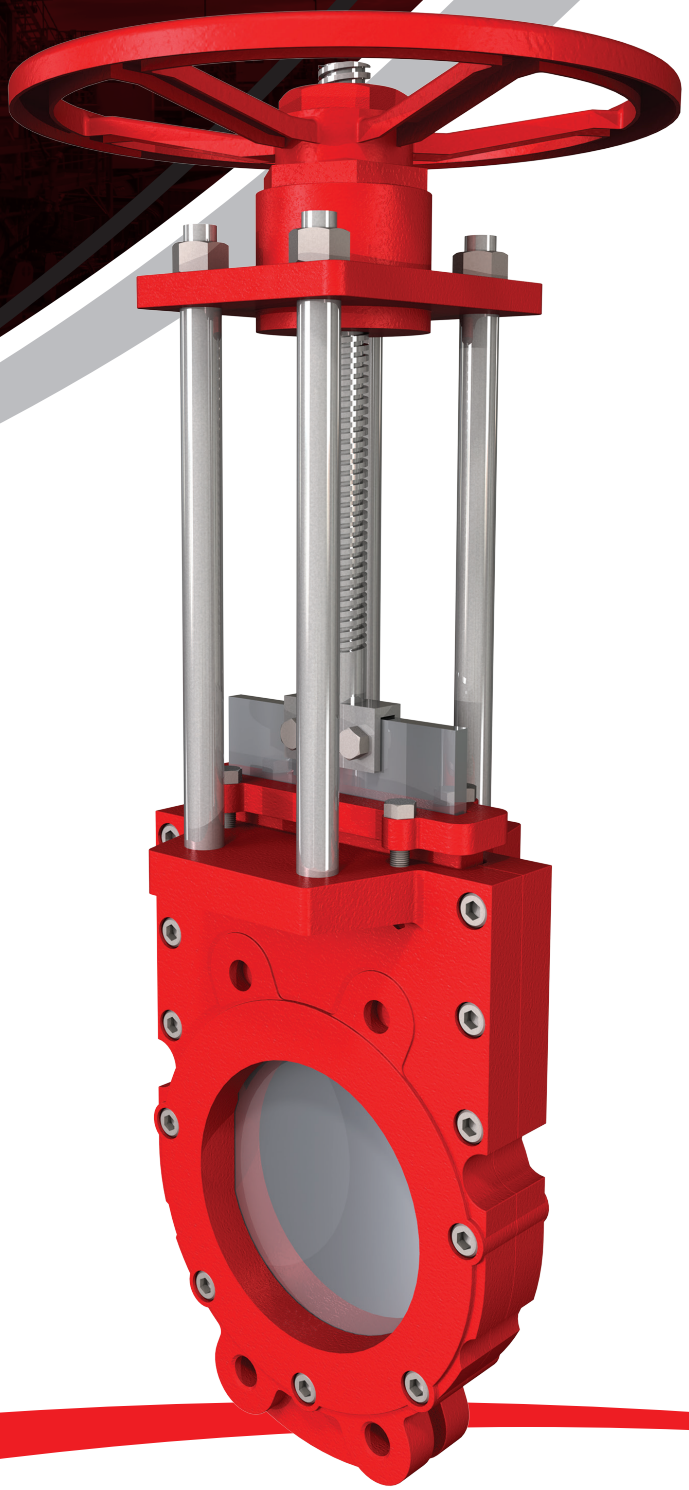

E5200 Light Slurry Knife Gate Valve

Product Brief

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E5200 Light Slurry Knife Gate Valve

The E5200 knife gate valve is designed primarily for light slurry use in the mining, cement, and power industries. The cavity free, perimeter seat design ensures reliable, bidirectional shut-off in applications that include slurries, coarse powders, and abrasive materials. The E5200 is manufactured with a heavy-duty, ductile iron body for added durability.

Sizes Available

2” to 24” (50mm to 600mm)
(larger sizes available on request)

Standard Design & Construction

- Ductile iron body
- Semi-lugged ASME Class 150 flange
- Polished 304SS gate
- Steel reinforced, EPDM perimeter seat
- Braided PTFE packing with adjustable packing follower
- 304SS stem and stanchions

Pressure Rating

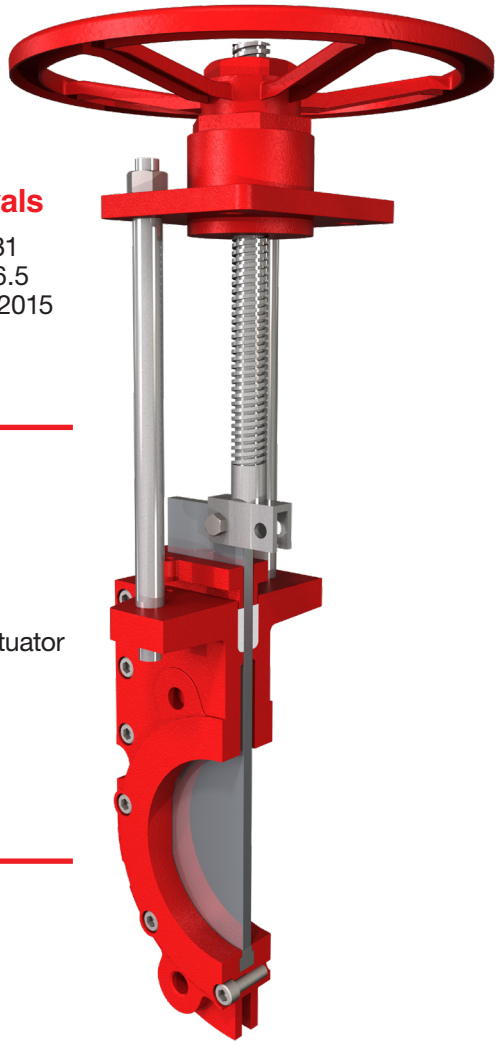
250 psi
(150psi for dead end service)

Temperature Rating

EPDM seat
–22°F to 250°F
(–30°C to 120°C)
Viton® seat
5°F to +392°F
(–15°C to 200°C)

Standards & Approvals

Design:	MSS SP-81
Flanges:	ASME B16.5
Quality:	ISO 9001:2015
Registration:	CRN



Key Features & Benefits

- Perimeter style seat provides reliable, bidirectional flow/shutoff
- Steel reinforced, replaceable seats ensure zero downstream leakage
- Cavity free design eliminates material buildup
- Heavy-duty, ductile iron body provides added durability
- Actuation options include bevel gear, pneumatic or hydraulic cylinders, and electric actuator
- Semi-lugged flange design simplifies installation
- Grease fitting on handwheel bearing reduces operating torques

Options & Accessories

- 316SS or hard chrome gate coating for improved corrosion and wear resistance
- Viton seat for process compatibility
- Energized or live loaded packing for reduced maintenance
- Lockout pins for enhanced operator and maintenance safety
- Proximity switches for gate position feedback
- Stem boot to ensure reliable actuation in adverse conditions

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