

# Elite Valve Canada



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**Elite Valve**

presents our newest  
product

# **The E53RL Slurry Knife Gate Valve**

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# Design Features

- gate valve body
- Yoke assembly
- Stem
- Gate
- Gate guards
- Drive bushing
- Clevis
- Seats
- Wiper seal



- Adjustable travel stop
- Hand wheel
- Safety bolt
- Gland gasket
- Gland plate
- Yoke plate
- Body bolts
- Bushing retainer nut
- Stem cover
- Body gaskets
- Lubrication fittings
- Bushing bearing



# Seat Ring Features

**Our Seat Ring is designed with an encapsulated metal thrust ring**

## Features

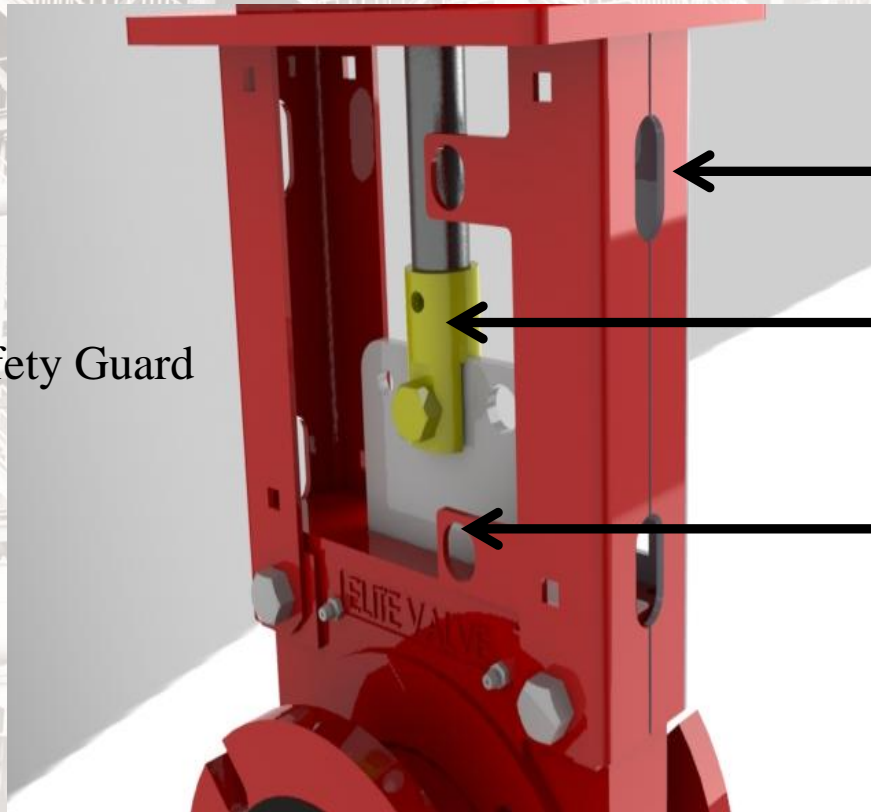
- Controls thrust forces
- Integral gasket surface
- Captured seat in body for easy transportation or storage
- Maximum operating pressure 150 PSI





# Yoke Detail

Acrylic or stainless Safety Guard  
(Not Showing)



Direct Mounting  
Target Switch

Safety Reflective  
Clevis

Safety Lockout Bolt

# Natural Rubber Wiper Seal



- Designed to wipe the gate free of process media
- Retains pressure inside the body
- Retains injected silicone lubricant in ribbed housing



# Applications

- Mine tailings
- Ash & Fly ash applications
- Lime Slurry – Flue gas desulfurization
- Fish transportation
- Food processing
- Potato skins
- Waste water
- Non hydrocarbon slurries
- Steel mills





## Elite E53RL Offers

- Direct mounting of actuators, electric, hydraulics & pneumatic
- Safety guards - Clear acrylic
- Standard – safety locking pin
- Direct mounting of proximity switches
- Reflective clevis – showing position up to 25 ft away in night vision





# Competitors

- Clarkson
- Weir Minerals
- Flowrox
- Orbinox
- FLS Smidth
- Tectenquip



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# Elite Valve The Better Choice

- Elite Valve – Canadian
- Versatility in manufacturing
- More options
- Traceability
- We know applications and back it with years of proven experience





# Future Flange Model Coming 2014



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