

## Model 1540 Gate Valves

Seaboard International Model 1540 gate valves are designed with a forged body expanding split gate and a pressure-balancing stem. Metal-to-metal sealing technology is utilized throughout the valve to increase performance integrity. These valves are available for applications from 10,000 to 15,000 psi. Trim levels are available to suit all types of oil and gas service. Flanged end configurations are available in standard bore sizes.

### Key Features:

#### Full-Bore Through-Conduit Design

- Maximizes valve life by eliminating the collection of destructive particles
- Unrestricted flow reduces turbulence and pressure drops

#### Sealing Technology

- Seals are stable, thermally insensitive, and environmentally resistant
- Utilized in the gate/seat, body/ bonnet, and body/ seat interfaces

#### Parallel Expanding Gate Design

- Wedging only occurs in the full open or full closed positions
- Provides a positive mechanical seal regardless of line pressure

#### Low Operating Torque

- Roller thrust bearings are isolated from cavity pressure
- Lubrication ports in body

#### In-line Repairability

- Gates, seats, stems and other critical parts are easily replaced in the field
- Stem packing can be re-energized while the valve is under pressure

#### Reduction of Lost Body Lubrication

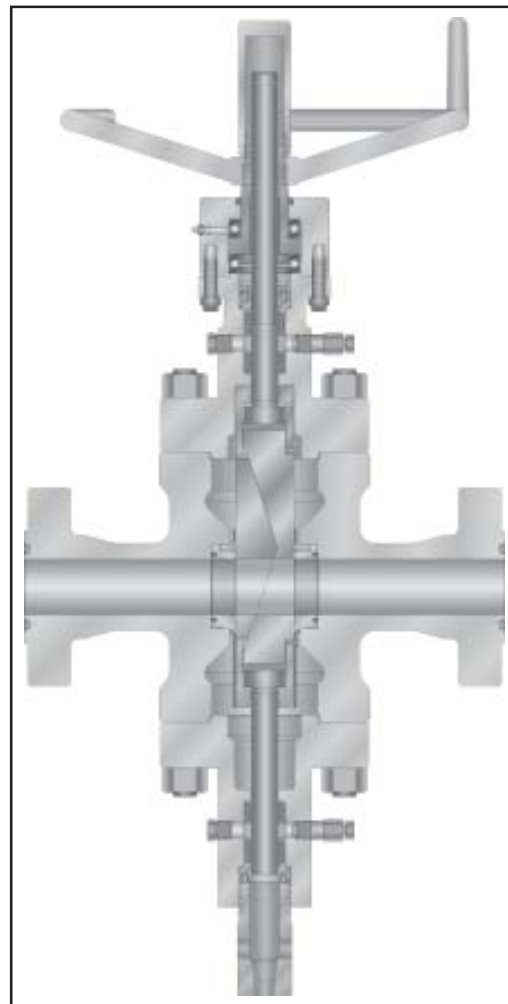
- Gate guides act as skirts, assisting in retention of lubricants
- Prevents potential corrosion and collection of solids

#### Pressure Venting Capabilities

- Wedge gates in the full closed position provide a positive mechanical seal isolating valve cavity from wellbore pressure
- Block and bleed design isolates line pressure

#### Extended Stem Life

- Stem threads are not exposed to wellbore particles
- Design of the stem/stem nut interface offers enhanced galling resistance



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