

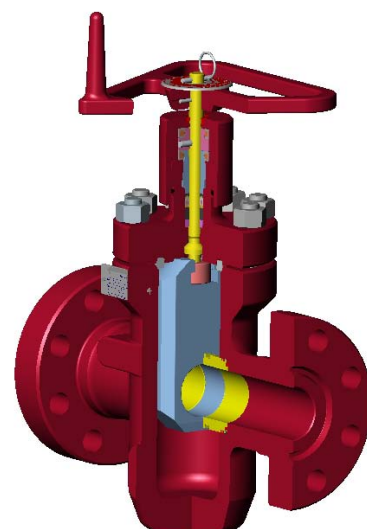


MS-100 Slab-Gate Valve

Weatherford's MS-100 slab-gate valve uses the natural force of line pressure to provide an effective seal on the flowstream. Metal-to-metal, seat-to-body, and seat-to-gates sealing technology throughout the valve increases performance integrity. Finite element analysis has eliminated stress concentrations.

Designed for reliability and durability, the MS-100 slab-gate valve has a simple, straightforward seat and stem design for ease of maintenance and for reliability as in low- and high-pressure situations, extending its overall service life.

The MS-100 slab-gate valve is engineered and manufactured to meet the highest quality standards and is documented per API-6A specifications, qualifying it to bear the API-6A monogram. In addition to a wide variety of trims, temperature ratings, and PSL levels, the MS-100 gate valve is also available as either PR1 or PR2.



Applications

- Wellhead Christmas trees, manifolds, and casing valves

Features, Advantages and Benefits

- The seat-to-body and seat-to-gates seals provide reliable, effective metal sealing.
- A pre-energized seat-to-gate seal ensures low-pressure sealing.
- The T-slotted gate design enables the gate to float with ease.
- A standardized forged body and bonnet, used with standard equipment, eliminates excess inventory.
- A bi-directional flow mechanism allows for safe operations.
- A shear pin provides protection against over-torquing the valve.
- Quick-release handwheel removal ensures safe handling of the gate valve, reducing operator risk.
- The stem back-seat feature allows for replacement of stem packing while the valve is still in service.

Options

- Low-temperature operation to -75°F (-60°C)
- High-strength overlay
- Injected lubrication, if requested