



SRS

SUP-R-SEAL GATE VALVE



SUP-R-SEAL MODEL ES GATE VALVE

The Sup-R-Seal Model ES gate valve is entirely designed and manufactured here in the United States and offers improved durability and cost effectiveness.

The LVS Sup-R-Seal Model ES Gate Valves are through-conduit expanding gate style with a custom packing set design that will reduce long-term maintenance costs.

Applications for the Sup-R-Seal include:

- Liquid and Slurry Piping Systems
- Crude Oil
- Natural Gas Liquids Transport
- Refined Products
- Storage Tanks

The Sup-R-Seal Model ES valves are API 6D Certified No. 6D-1416 for application in pipeline systems of the petroleum and natural gas industries, and LVS maintains a Quality Program (API Q1).



DESIGN ADVANTAGES

Block & Bleed Capability

Reduces the number of potential leak paths within the double block and bleed section of the pipeline. Negligible pressure drop across the unit due to the full bore and uninterrupted flow orifice.

The OSHA Rules mention the double block and bleed technique as a valid method to isolate energy away from hot work. The LVS Sup-R-Seal meets these requirements.

Protection of Seat Faces

Seat faces are fully protected from contact with line flow by remaining in contact with the gate in both the open and closed positions. This allows for extended life of the seats.

When in the fully closed positions, it forms a tight seal on both seats. This allows for the body of the valve to be bled.

FEATURES

In-Line Repair

Due to its top entry design, the gate, seat and all other internal parts can be removed and replaced without having to remove the valve from line, allowing for shorter shutdown time.

Gate Centralizer

Valves 6 inches and larger contain a level lock arm which keeps the gate segment together when in neutral and position and while the gate assembly is traveling, all while allowing expansion at the moment of seating in the open and closed positions.

Through-Conduit Design

The full bore design makes it possible to run pigs and scrapers through without the danger of damaging the valve or its parts. The design minimizes turbulence and pressure drop, which allows the seat faces to be protected by keeping clear of the flow when in the open or closed position.

Customized Operating

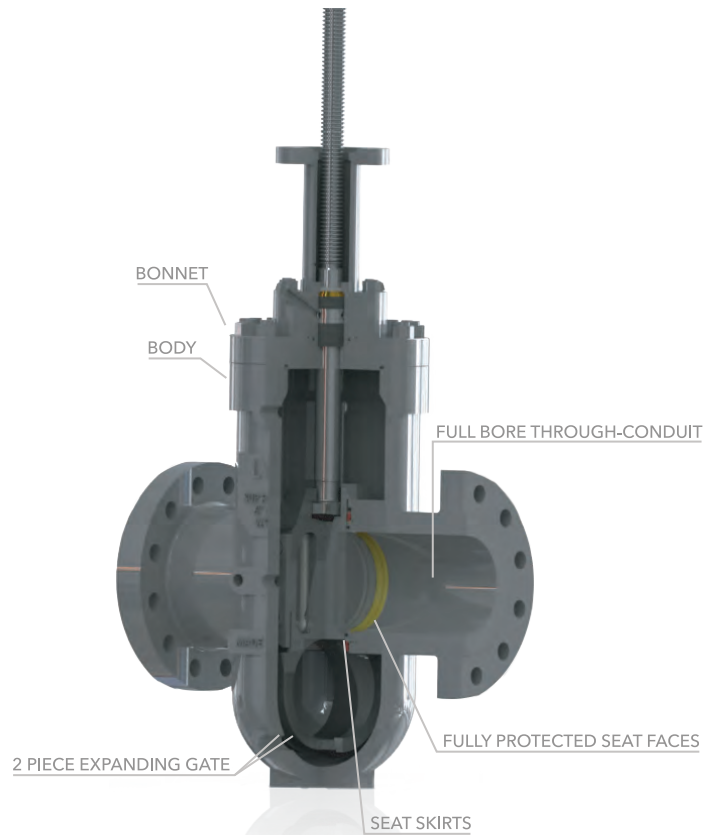
Can be provided with manual operator (handwheel or gear) ; bare stem to have automated operator installed (electric, pneumatic or hydraulic). Extensions can be designed and installed per customer application requirements.

Internal Valve Trim

The gates of the LVS Sup-R-Seal are nickel plated. LVS Sup-R-Seal stems are 17-4 stainless steel. The seat assemblies are nickel plated with TFE inserts.



Our Sup-R-Seal Gate Valve is originally designed and manufactured here in the U.S.A.



Valve Type	Class 600	Class 900
3 & 4 Inch Max Standard WP @100°	1480 PSI WP	2220 PSI WP
	2235 PSI TEST	3350 PSI TEST
6 - 12 Inch Max Standard WP @100°	1480 PSI WP	2220 PSI WP
	2235 PSI TEST	3350 PSI TEST
16 - 20 Inch Max Standard WP @100°	1480 PSI WP	2220 PSI WP
	2235 PSI TEST	3350 PSI TEST
24 - 36 Inch Max Standard WP @100°	1480 PSI WP	N/A
	2235 PSI TEST	N/A

QUALITY PEOPLE DRIVING A **QUALITY PROCESS**

For more than 25 years, Louisiana Valve Source has repaired and remanufactured valves of all types and we've learned what's been done well and what can be done better. We started learning from problems we saw with how manufacturers design their packing and seats and used our experience of repairing and manufacturing to design and engineer a gate valve for oil and gas markets. Thus the Sup-R-Seal Gate Valve was created.

LVS proudly manufactures gate valves right here in the United States while also providing complete solution packages of remanufactured process equipment supported by a full range of services.

For more information on LVS' products, services, and locations, please call us at (337) 856-9100 or visit us online at www.lavalve.com.



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CERTIFICATIONS

