



Non Rising Stem Gate Valve Manufacturer in USA

SVR Global is a dominant [Non Rising Stem Gate Valve Manufacturer in USA](#) that prides itself on its vast stock of ready-to-ship products which meets the high demand for short-term delivery. We offer a large collection of non-rising stem gate valves specifically based on industrial specifications and requirements.

Definition of a Non Rising Stem Gate Valve:

A gate valve with a non-rising stem is referred to as a non-rising stem gate valve. It is also known as a Rotating Stem Gate Valve or a Blind Stem Wedge Gate Valve.

When the gate is closed, the stem of this type of valve moves into the disc. Instead of the Rising Stem Gate Valve, the threads of a Non Rising Stem Gate Valve are at the bottom of the stem. Because the stem is not visible, it is impossible to tell whether the gate is open or closed by looking at the valve.

Advantages of a Non Rising Stem Gate Valve:

- Require less space along with the system
- Can handle high temperature and pressure
- Easy to maintain

Industries where Non Rising Stem Gate Valves are used:

SVR Global is a leading [Non Rising Stem Gate Valve Manufacturer in USA](#) providing valves that are used in industries such as

- Automotive Industry
- Manufacturing Industry
- Marine Industry
- Oil Industry
- Gas Industry



Definition of a Gate Valve:

A gate valve is an in-line valve (which allows fluid to pass through) and it is often referred to as a knife valve, a slide valve or a sluice valve. It is frequently referred to as an on/off valve.

On/off valves either permit flow (on) or fully obstruct it (off). These valves are also referred to as isolation valves due to the fact that they may successfully stop the flow into a system segment. Usually, this is carried out for maintenance reasons.

A "gate" is a rectangular or circular wedge that is part of a gate valve, which is a linear motion valve. A metal gate can be raised or lowered to open or close it. The gate opens and allows flow when lifted; when dropped, it closes and blocks the channel.

The disc design of a gate valve can be inclined or parallel. The inclined disc design can be further classified into three types-

- Flexible Wedge
- Solid Wedge
- Split Wedge

Applications of a Gate Valve:

- Used for high-temperature and high-pressure applications.
- Used in applications where little valve leakage is not threatening like heating circuits or sewage pipes.
- Used in on-off applications.
- Used in systems where require valve usage is infrequent.
- Used with larger pipe diameters (> 2") because they are less complex to build.
- Used to isolate specific areas of the water supply network during maintenance, repair works and new installations and reroute water flow across the pipeline.

Advantages of a Gate Valve:

- Available in various sizes.
- Can be used as a bi-directional valve.
- Can be used with slurries and viscous liquids.
- Compact along the pipe axis.
- Few parts.
- Fire-resistant by nature.
- Inexpensive.
- Low frictional loss due to low-pressure drop.
- Maintenance and disassembly are easy.
- Provide excellent shutoff properties.

Description of a Non Rising Stem Gate Valve:

SVR Global is a well-known [Non Rising Stem Gate Valve Manufacturer in USA](#) providing an extensive range of valves.

Class: ANSI 150 to 2500, PN10 to PN450

Connection: Buttweld, Flanged, Socketweld, Threaded

Material: Cast iron, Ductile iron, Casting Steel (WCB, WC6, LCB, WCC, LCC, WC9)

Operations: Electric Actuated, Gear Operated, Handwheel Operated, Pneumatic Actuated

Size: 1/2" to 24"

Visit SVR Global to know more about Non Rising Stem Gate Valves manufactured by us -

<https://svrglobal.net/products/non-rising-stem-gate-valve/>