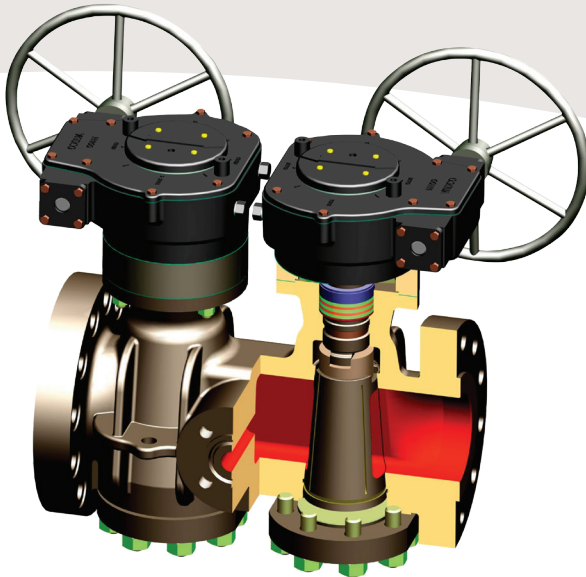


Serck Audco™ TIPV

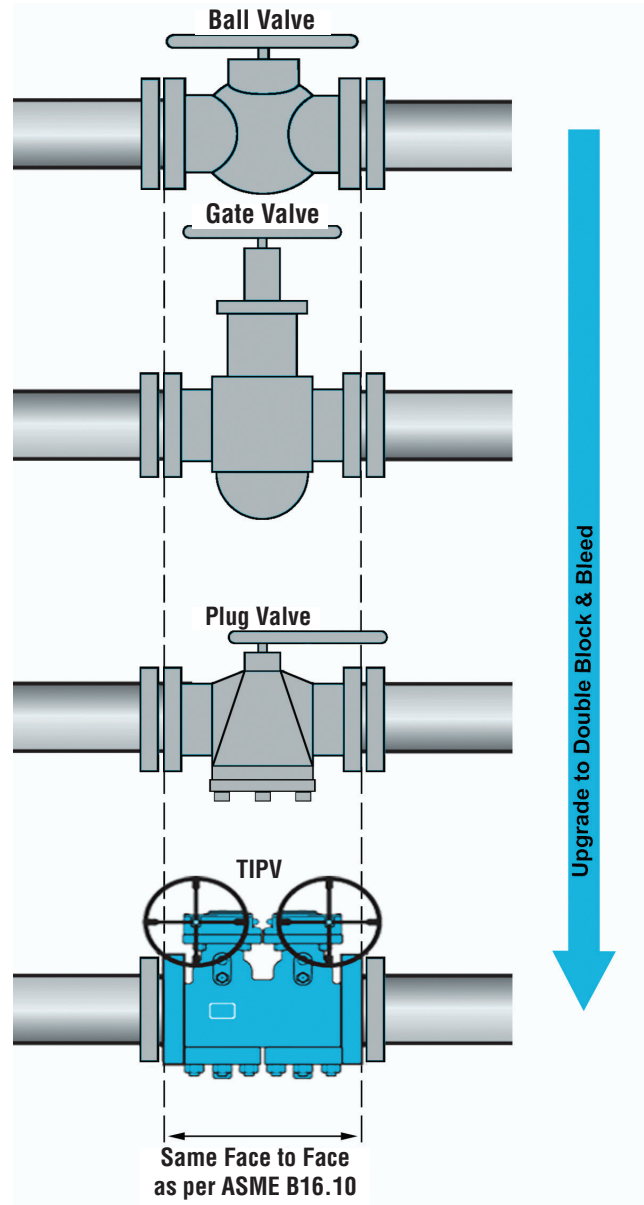
Upgrade to Double Block & Bleed Functionality Without Pipework Modification

Health and safety regulations define process integrity, safety and reliability as non-negotiable pre-conditions for oil and gas plant operation. Thus, plant operators are increasingly converting valves to a double block and bleed (DB&B) design. These upgrades typically involve pipework modification, and therefore, are performed during planned shutdowns to avoid downtime and lost production.



The Serck Audco twin-isolation plug valve (TIPV) offers plant operators DB&B functionality without the time-consuming pipework modifications. It also reduces the time and cost required to perform the upgrade.

TIPVs Class 600 and above are supplied with the exact face-to-face dimensions of the valves being replaced to facilitate seamless integration of the DB&B design in existing piping systems. According to ASME B16.10, the standard face-to-face dimensions for ball, gate and plug valves are identical, allowing for a DB&B upgrade to the TIPV, regardless of the type of valve that requires replacement.

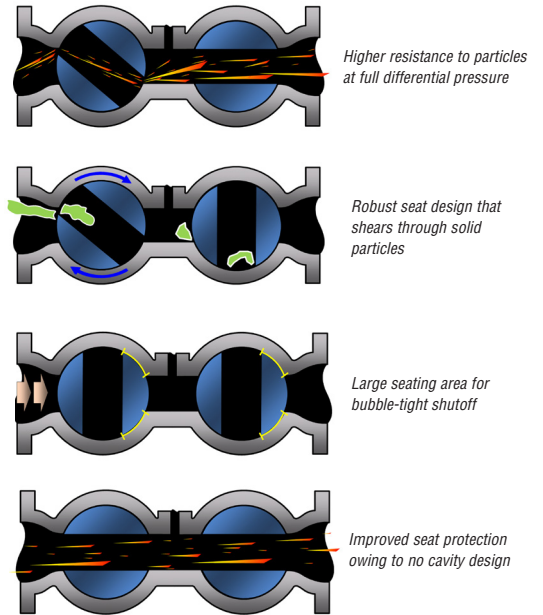


TIPV Range

- Sizes: DN 50 to 750; NPS 2 to 30
- Pressures to: PN 420;
ASME Class 2500; API 15000

TIPV Product Benefits

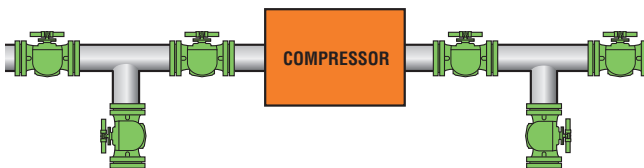
- Durable functionality from metal-to-metal seating arrangement that **maximizes resistance to high-velocity particles and impurities**. This is particularly important when the valve is open against a high differential pressure.
- Longer service life enabled by valve design that eliminates **gaps and cavities** between the plug and body, preventing particle entrapment and avoiding seat damage while operating the valve.
- Enhanced resistance to erosion owing to **large seating area**. The wide area maximizes sealant effectiveness and restores **bubble-tight shutoff** capability without the need for extensive overhaul.
- Lower maintenance costs via **in-line maintainable** design that allows sealant to be injected with the valve in any position and under pressure.
- Reliable sealing and extended service life due to engineered valve design that **protects seats from line media** and ensures that the seating areas are not damaged, even when the valve is left open for long periods of time.



Typical Applications

Compressor Isolation

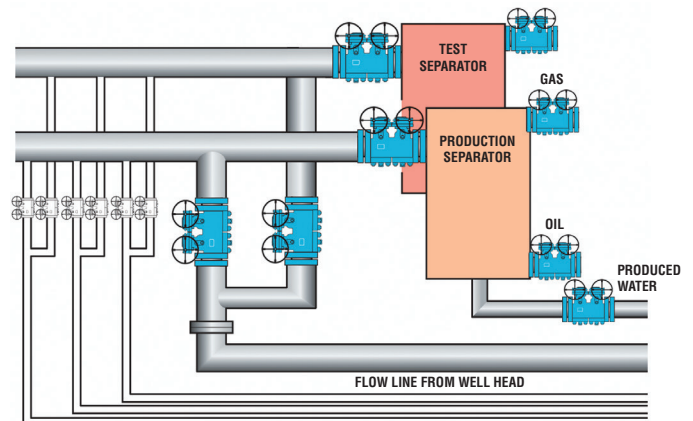
High-Pressure Gas Isolation Using Three Ball Valves



High-Pressure Gas Isolation Using Twin-Isolation Plug Valves



Oil & Gas Production Manifolds



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