



## Proserv Gilmore Valve

In 2011, Gilmore Valve became part of Proserv, a leading energy services company to the oil and gas industry. Headquartered in the UK, with operations worldwide, Proserv offers a broad but complementary portfolio of products and services across the entire oilfield lifecycle.

## Proserv Gilmore Valve

Proserv Gilmore Valve is an ISO 9001 certified, world-class valve designer and manufacturer. Founded in 1960 and based in Houston, TX, we provide critical service hydraulic control valve solutions to the global upstream energy industry. Around the world, OEMs and end-users alike trust our precision equipment to perform in extreme environments to record depths, pressures and temperatures – when failure is not an option.

### Product Range

**Proserv's proven products: solutions you need.**

Proserv manufactures valves, repair kits and seal kits used in drilling, production and testing systems throughout the upstream energy sector. Our various valve lines include hydraulic regulators, two, three and four way directional control valves, shuttle valves, check valves, relief valves, quick dump valves, solenoid valves, panel valves and multiple valve assemblies.

### Service Excellence

**Personal and organisational excellence: your assurance of continuous improvement.**

As a uniting force for personal and organisational excellence, Proserv's values promotes our company's primary business philosophies, which include teamwork, ethics, innovation, customer focus, and open communication. Our operational excellence is obtained through deployment of LEAN Six Sigma methodologies. This management philosophy is an action-oriented concept that combines two ideas: LEAN - techniques for reducing the time needed to provide our products and services, and Six Sigma - techniques for improving the quality of our products and services.

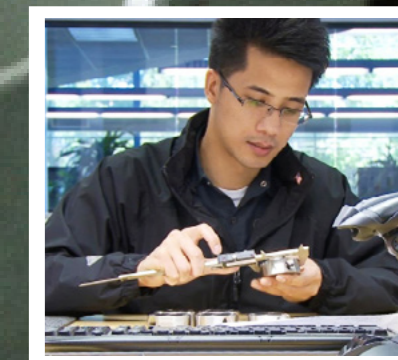
### Leading-Edge Technology

**Advanced hydro-seal technology: simply the best.**

Proserv's technology is driven by hydro seal and poppet designs, both of which have broad valve application(s) throughout the upstream energy sector. Hydro Seals (sometimes known as shear seals) are lapped flat, sliding metal-to-metal cylinders or discs that alternately cover or expose flow pathways as they are piloted across a ported plate. Our soft seat poppet valves rely on a tight tolerance piloted cage moving between two elastomeric seats to accomplish the same variation in flow path. Our valves perform well in contaminated services as severe as NAS 12, or worse.

The proprietary processes used in our lapping center are at the heart of Proserv's technology and crucial to our Hydro Seal valve designs. Flawless surface flatness and finish is achieved by maintaining 100% control and employing the latest techniques and equipment.





## Precision Engineering

The finest engineering expertise: exceeding your expectations.

Whether required to create a new valve or modifying an existing valve design to meet a customer's specifications, Proserv's engineering team is ready to meet the challenges of today's energy industry. The Engineering Services Group is comprised of four units: Sustaining Engineering that works in support of existing products; R&D Engineering which designs new products; Project Management and finally Product Line Management that supports the other two units as well as provides support in the field. Throughout the lifetime of a Proserv valve, engineers are standing by to give technical product support, anywhere in the world.

## Manufacturing

State-of-the-art manufacturing: equipment and processes for all of your needs.

Proserv has heavily invested in state of the art precision machining centers, including lathes, mills and lapping equipment to ensure that optimum results are achieved during the valve manufacturing process. From the delivery of raw bar stock to the completion of the last machining operation, each part of a Proserv valve is meticulously crafted. We provide complete traceability on every part to assure our customers of both the precision of the part and the integrity of the material from which it was made.

### Quick Response Cell

Our state-of-the-art Quick Response Cell is solely dedicated to on-demand manufacturing of valve components needed to satisfy rig down and emergency repair needs. Utilising universal machining technology, this manufacturing cell provides turning, milling, and threading within six axis of motion.

### Passivation Unit

Proserv is one of the few valve manufacturers in the world with an in-house citric acid based passivation system with full Statistical Process Control. The presence of free-iron particles on the surface of stainless steel products can induce crevice corrosion when applied in seawater applications.

Our passivation process removes the presence of metallic free-iron from the surface of stainless steel products to provide a high quality component with maximum resistance to corrosion under extreme operating conditions.

Proserv's engineering team is ready to meet the challenges of today's changing energy industry.

## Assembly & Test

**Precision assembly and rigorous testing: the kind you can count on.**

Proserv's assembly and test technicians are both well trained and experienced. Whether it is a valve, repair kit or seal kit that leaves our facility, you can be assured it has been built with high quality components following strict assembly and test protocols. Every complete valve has been performance tested to assure that it will operate in the field precisely as expected. Each valve is serialised and marked with part number and revision level so it is easy to identify how and when it was built. Repair kits are shrink wrapped per customer request and the components labelled to assure that regular field servicing can be performed with confidence.

## Aftermarket & Valve Lifecycle Support

**Aftermarket service and repair: for your peace of mind.**

Our certified factory trained valve technicians maintain valves using OEM procedures and parts, ensuring Proserv valves are rebuilt to factory standards and to the latest designs. When certified repair isn't required, we collaborate with your team to define specifications for functional valve repair. Our Repair Program helps you keep your process safe, productivity high, and costs low through the lifecycle of your systems. There are many services offered through our Repair Program – contact your Proserv sales representative or email [info@proserv.com](mailto:info@proserv.com) to learn more.

## Commitment to Quality

**When quality is everything: choose Proserv Gilmore Valve.**

Even though quality is designed into every Proserv valve, the quality department reviews every step of the manufacturing process: from the examination of incoming bar stock mill certifications to the final inspection for a fully assembled and tested valve. Proserv Gilmore Valve is certified to ISO 9001, ISO 14001 and OSHAS 18001. These certifications are the badges of honor for the entire Proserv team.

## Contact us

The Proserv Gilmore Valve product range is available from various Proserv facilities around the world.

For sales enquiries or further information please email [info@proserv.com](mailto:info@proserv.com)

Main manufacturing site:

Gilmore Facility  
1231 Lumpkin Road  
Houston, Texas 77043

International: 1.713.468.8778

Fax: 1.713.468.8791

Toll Free: 1.800.469.8786

