

Elmar Compact Wireline Valve

Safety, reliability and serviceability are the key design principals we use to keep your team safe on the well site, and keep your costs of ownership low.

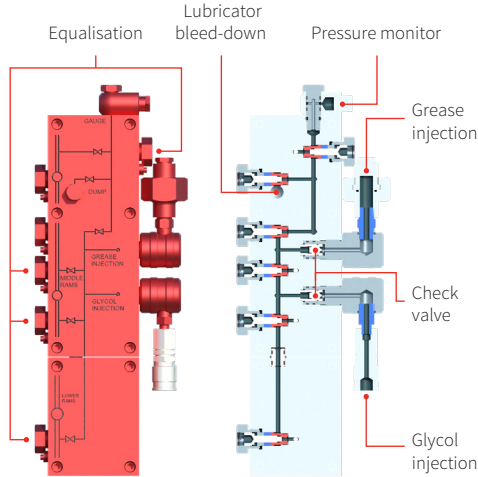
Our wireline valve gives positive barrier protection during well service operations, providing sealing and/or shearing functions when running slickline, braided wireline, or electric line.

The Elmar™ original compact wireline valve has been in service for over 25 years, designed to be reliable, robust and easily serviceable to minimize your costs. Our track record and operational experience is backed up by independent third party approval for every wireline valve we make, meaning you can depend on your wireline valve when you need it most.

Reliability is designed into every compact wireline valve with detailed engineering design focused on operational simplicity, a minimum number of components and using standard elastomers for easy availability around the world. The mono-block forged construction of the main body improves pressure integrity, and further reduces servicing cost, with fewer well pressure retaining seals and potential leak points.

Available as standard in single, dual, triple or quad ram configurations, and the full range of sizes and working pressures. 2½- to 9-in. bore sizes, and 5,000- to 20,000-psi working pressures. Special sizes are available on request to suit your operations.

Manifold assemblies include equalization, pressure monitoring, grease injection, glycol injection, and lubricator bleed-down facilities.



Typical triple manifold block type "C"

Features and benefits

- Full material traceability and 3rd party independent approval covering API 6A, API 16A, and NACE (for H₂S)
- Compact size, for shorter rig-up heights
- Cylinder support arms for 4 to 9 in. wireline valves, reducing manual handling
- Manifold block with integral equalisation, wellhead pressure monitoring, bleed down facility and glycol and grease injection
- Threaded upper and lower adapters, allowing the use of any industry standard connection without changing the body
- Corrosion resistant coating on ram bores and sealing surfaces of wireline valve body
- Keyless ram bores, allowing ram inversion as and when required
- Ram position indicators
- Quick coupled hydraulic cylinders, allowing fast removal of cylinder for ram or seal replacement
- Cylinder lock rings used to assist cylinder assembly to body, ensuring smooth seal engagement
- Cylinder ram pockets assist on assembly and prevent accidental ram drop
- Manual back-up on hydraulic cylinder to positive lock CLOSE

Electric Line and Slickline Pressure Control Equipment

Options

- Supplied with any industry standard quick unions or flange/hub connections
- Quick union adapters - upper and lower connection to wireline valve body with metal to metal seal
- Quick union or flanges integral to wireline valve body
- Inconel Inlay on ram bore and sealing surfaces of the wireline valve body
- Various corrosion resistant coating solutions
- API 16A certified
- Arctic; extreme cold weather certified
- High temperature and geothermal applications
- Pressure balance hydraulic cylinders to reduce volume and closing times
- Q-GUIDE™ ram assembly
- Ram assembly and inner seal dressed for slickline or braided line specific sizes
- Constrictor™ multiline seal removing the need to change out ram elements
 - Blind to 5/16 in.
 - 5/16 to 15/32 in.
 - Blind to 15/32 in.
- Q-GUIDE shear and seal ram assembly
- Accessories
 - Test rod for closing on rams to perform a function test at working pressure
 - Steel protection cages and transport systems
 - Manifold gauge kit for monitoring well pressure
 - Low pressure drain hose for manifold bleed down
 - Y-Hose bridles for open and close hydraulic supply
 - Specialist hand tools for service and maintenance
 - Seal kit containing a set of o-rings and back-up rings to re-dress one complete assembly
 - Quick union lift bail

1. Q-GUIDE ram assemblies 2. Fire resistant hydraulic supply lines
3. Single flanged wireline valve 4. 20,000-psi quad wireline valve 5. Dual wireline valve and transport frame 6. Lightweight pressure control equipment package

