

# Zenith ESP bypass saddle assembly

## Save time and cost on bypass system installation

### Applications

ESP well operations where access below the pump is required

### Features and benefits

- Installs ESP bypass systems faster and simpler
  - Provides one-pass installation, regardless of ESP length
  - Removes requirement for detailed space out of bypass tubing
  - Reduces installation time, rig costs, and time-to-production delays
- Reduces stress on the ESP completion
  - Removes undue stresses on the ESP housings and bypass clamps caused by thermal expansion
- Improves safety
  - Eliminates tugger line or friction clamp requirements for bypass tubing

Electrical submersible pump (ESP) bypass systems offer a well-proven means of achieving access to perforations and logging operations below an ESP without the need for workover. However, installation of the traditional bypass system can be time consuming and carries inherent risks of equipment loss or slippage downhole.

The unique design of the **Zenith™ ESP bypass system** with the patented Saddle assembly has revolutionized the way ESP bypass systems are installed, halving traditional system installation times and significantly reducing rig costs and time-to-production delays.

The risk of dropped bypass tubing and the danger of slippage during installation are also eliminated. In addition, innovative system design allows for thermal expansion during production operations, preventing subsequent damage to pumping equipment.

A wide selection of connection sizes and threads are available to suit each application.

Contact your local Baker Hughes representative for further details.

