The Revolution Valve

Unique, next generation, shear and seal technology for subsea well intervention, providing twice the performance at half the cost.

Gavin Cowie - Managing Director

Subsea Expo, Aberdeen, 1-3 Feb 2017
The Challenge

- Ball valves were never intended to be cutting devices
- Complex, re-engineered, old technology is becoming cost prohibitive to manufacture and maintain, is unreliable and has reached its technical limit
- Well bore sizes are increasing
- Operating environment is more challenging
- Industry standards becoming more stringent
- Economic climate
The Innovation

- The ONLY compact valve on the market that can cut and seal reliably
- Separate cutting and sealing components
- External rotary actuators
- Resilient seals
- Flanged connections
- Easily maintained, strong and simple design
- Low cost
- Fast turnaround
The Revolution Principle

1. Shearing
2. Seat Clearance
3. Flapper Clearance
4. Sealing
Cutting Evaluations
Applications

• Solutions for the complete lifecycle of the well:
  • exploration & appraisal
  • completion & workover
  • abandonment

• In-riser landing string systems, in-riser and open water intervention valves, subsea test tree systems.

• Cutting capability up to 2¾” coiled tubing

• Landing strings from 5” to 7”, 10,15 & 20ksi WP & temperature ratings to 180°C.
Questions?

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