Product Data Sheet	1” Hydraulically Actuated Deepwater Gate Valve

Key Features

- Successfully completed the PR2 Performance Verification Test of API 6A Appendix F and API 17D 2nd Edition.
- The stem seal is a unique Moly filled PTFE multi-ring chevron style gland set incorporating two spring energised ‘U’ cup seals.
- Metal to Metal seals between seat to gate, seat to body, body to bonnet and backseat.
- Wave spring behind seats provide low pressure sealing and protects the valve cavity from debris.
- Hydraulically operated actuator can be supplied with or without override.
- Override design does not compress the spring during opening, minimising the torque to operate.
- Clear position indication during both hydraulic and override operation.
- Uninterrupted flow passage through valve.
- Standard certification for pressure retaining and controlling parts are to API 6A PSL 3 and BS EN 10204 3.1. (3.2 option available).

Technical Specification

- Bore size, 1” [25mm]
- Pressure rating, 15,000psi [1034 bar]
- Hyperbarically tested to a water depth of 10,000ft [3050m]
- Performance tested to PR2 for Temperature Classifications P through X (-20°F/-29°C to +311°F/155°C)
- Available in API Material Classes FF and HH to NACE MR-01-75 latest revision

Operator

- Fail Close as standard. (Fail Open option available)
- Nominal Override Operating Torque 120lbf-ft [162N-m], 8 +/- ½ turn
- Override torque to Damage 300lbf-ft [407N-m]
- Actuator is designed to operate with control pressures of 3,000psi or 5,000psi

Image shown is a standard 1” Deepwater Actuated Gate valve incorporating Check valve and manual override facility. Due to the many options and configurations available with this product please contact Oliver Valvetek Sales for a bespoke solution.

Rev 1.2

Oliver Valvetek Ltd, Parkgate Industrial Estate, Knutsford, Cheshire, WA16 8DX. United Kingdom.
T: +44 1565 632636 E: sales@valves.co.uk. W: www.valves.co.uk