

### Key Features

- Successfully completed the PR2 Performance Verification Test of API 6A Appendix F and API 17D 2<sup>nd</sup> Edition.
- 1200 break-outs at Max working pressure as part of the qualification.
- 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 tip to body seal and backseat.
- Precision ACME threads take up the stem thrust load keeping operating torques to a minimum.
- 3/4 turn operation provides simple position indication.
- Non-rotating tips, ensuring positive non-galling operation during shut-off.
- Robust design with large safety factor between nominal operation torque and torque to damage.
- 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 Specifications

- Bore size, 1/2" [13mm].
- Pressure rating, 15,000psi [1034 bar].
- Hyperbarically tested to a water depth of 10,000ft [3048m].
- PR2 Performance tested to API 6A Temperature Classifications P through X (-20°F/-29°C to +350°F/177°C).
- Available in API Material Classes FF and HH to NACE MR-01-75 latest revision.

### Operator

- Normal Operating Torque 90lbf-ft [122N-m], 3/4 turns (270°).
- Torque to Damage 300lbf-ft [407N-m].
- ROV paddles.
- Stem adapters to suit ROV extension rods and ROV handles.

Image shown is a 3/4 turn Medium Duty single isolate needle valve with medium pressure process connections, paddle type operator and direct mount receptacle. Due to the many options and configurations available with this product please contact Oliver Valvetek Sales for a bespoke solution.

Rev 1.2

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