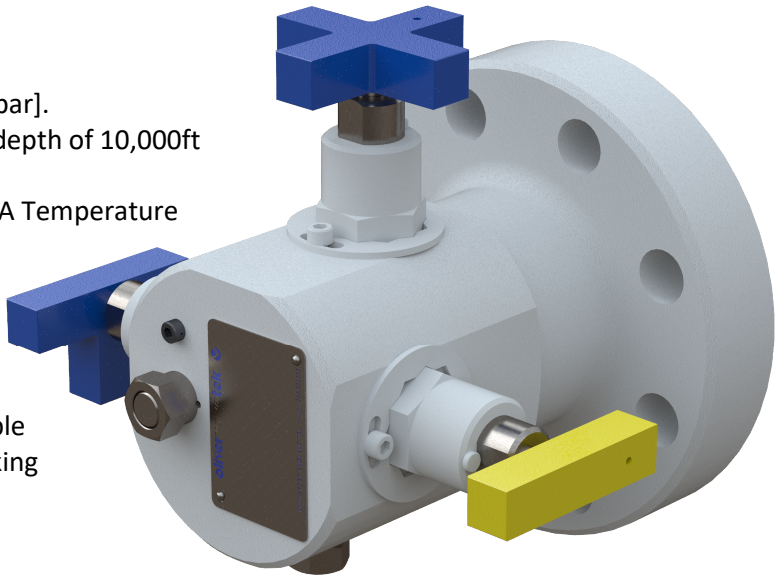
Product Datasheet	Standard Duty Needle Valve

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 tip to body seal and backseat.
- Precision operating threads take up the stem thrust load, reducing operating torques to a minimum.
- Weakest part of drive train is external of pressure envelope.
- Non-rotating tips, ensuring positive non-galling operation during shut-off.
- 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, 3/8" [9.5mm]
- 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 (-20F/-29C to +350F/177C).
- Available in API Material Classes FF and HH to NACE MR-01-75 latest revision
- 1/2" [13mm] bore version available rated to 10,000psi [690 bar] working pressure.



Operator

- Normal Operating Torque 30lbf-ft [41N-m], 7 turns.
- Torque to Damage 155lbf-ft [210N-m].
- Cross-bar or Tee-bar options available. Blue and yellow colours available to assist diver identification.
- Stem adapters to suit ROV extension rods and ROV handles.
- Can be supplied with direct mount ROV receptacle and lever type position indication.

Image shown is a 3/8" bore Standard Duty Double Block and Bleed needle valve with an API 6A flanged process connection and medium pressure instrument and vent ports. Isolates are fitted with blue X & Y-bars and the vent is fitted with a yellow T-bar for easy diver identification. Due to the many options and configurations available with this product please contact Oliver Valvetek Sales for a bespoke solution.

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