

LIGHT DUTY NEEDLE VALVES

RANGE: SUBSEA VALVES
PRODUCT ID: DS-VTK-NVL-5



KEY FEATURES

- Successfully completed the PR2 Performance Verification Test of API 6A Appendix F and API 17D.
- 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.
- Rolled operating threads take up the stem thrust load, reducing operating torques to a minimum.
- 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.

TECHNICAL SPECIFICATION

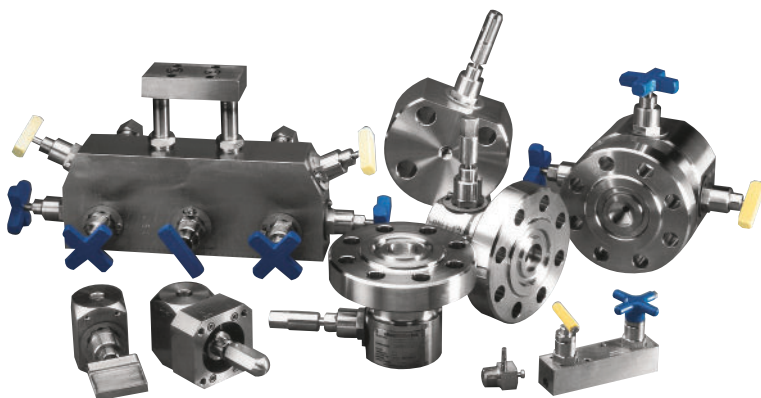
- Bore size, 1/4" [6mm].
- Pressure rating, 10,000 PSI [690 BAR].
- Hyperbarically tested to water depths of 10,000ft [3050m].
- Performance tested to PR2 for Temperature Classifications P through U (-20°F/-29°C to +250°F/120°C).
- Available in API Material Classes FF to NACE MR-01-75 latest rev.

OPERATOR

- Normal Operating Torque 5ft-lbf [7Nm], 3 turns.
- Torque to Damage 20ft-lbf [27 Nm].
- Crossbar or teebar options for divers. Blue and yellow colours available to assist identification.

STANDARD DUTY NEEDLE VALVES

RANGE: SUBSEA VALVES
PRODUCT ID: DS-VTK-NVS-6



KEY FEATURES

- Successfully completed the PR2 Performance Verification Test of API 6A Appendix F and API 17D 2nd Edition Section 5.1.7.
- 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.
- Rolled operating threads take up the stem thrust load, reducing operating torques to a minimum.
- 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.

TECHNICAL SPECIFICATION

- Bore size, 3/8" [10mm] or 1/2" [13mm].
- Pressure rating, 15,000 PSI [1034 BAR].
- Hyperbarically tested to water depths of 10,000ft [3050m].
- Performance tested to PR2 for 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 rev.

OPERATOR

- Normal Operating Torque 20ft-lbf [27Nm], 7 turns.
- Torque to Damage upto 155ft-lbf [210 Nm].
- Crossbar or teebar options for divers. Blue and yellow colours available to assist identification.
- Stem adaptors to suit ROV extension rods and ROV handles.

