

K2 DV DIFFERENTIAL PRESSURE TOE VALVE



The Tier 1 K2 DV is a differential pressure activated annular-access valve that is utilized to direct flow to, or from, a specific location in the well bore, typically the toe section.

The K2 DV is shifted open with the application of internal pressure over the annular pressure in excess of the pre-installed shear value.

Once shifted the valve is locked in the open position. Flow may then enter or exit the casing string through the ports in the valve body.

CURRENT SIZES

- ⇒ 114.3mm (17.26-22.47 kg/m)

STANDARD OFFERING

- ⇒ P-110 / L-80
- ⇒ LT&C box x pin

OPTIONS

- ⇒ Premium / semi-premium connections
- ⇒ CRA materials
- ⇒ Alternate API material grades
- ⇒ Other sizes available on request

FEATURES & BENEFITS

- ⇒ Flow area through ports exceeds ID flow area to eliminate pressure drop through valve.
- ⇒ Specialized shear pins eliminate inconsistencies in shear values due to improper or inconsistent user installation.
- ⇒ Setting pressure can be field adjusted from the outside of the packer allowing for rapid on-site response to a change in well conditions.
- ⇒ Inner sleeve clears flow ports when opened to minimize flow tortuosity.

APPLICATIONS

- ⇒ Production
- ⇒ Injection
- ⇒ Stimulation
- ⇒ Non-cemented
- ⇒ Vertical / Deviated / horizontal

