

HST: Pressure-Actuated Differential Valve

Superior Completion Services' **Pressure-Actuated, One-Way Flow, Differential Valve** is normally used in horizontal gravel pack operations. The valve is run in the closed position and is run inside a screen or wash pipe assembly. While running the horizontal gravel pack assembly into the well the valve remains closed and allows circulation to the bottom of the screens. During gravel pack pumping operations differential pressure cycles the valve to an open position for optimum sand placement across the screen section.

APPLICATIONS

- Horizontal completions

Features and Benefits

- ID to OD differential pressure actuation
- Adjustable initial opening pressure
- Low flowing pressure restriction

TECHNICAL DATA

Available Size	4.0 in. OD x 1.9 in. ID (101.6 mm OD x 48.3 mm ID)
Differential Pressure Rating	10,000 psi (68.9 MPa)
Temperature Rating	350°F (177°C)

REFERENCES

ComPlete™ HST System data sheets

