

BLOW OUT PREVENTION EXPERTISE - BY DESIGN



DROP-IN RETRIEVABLE CHECK VALVES

Hi-Kalibre **Drop-In Retrievable (DIR) Check Valves** are a dart type check valve, incorporating a low pressure soft seal over a high pressure metal to metal sealing mechanism. This offers extended service life and reliability over ball type checks. The design of our DIR check valves allows high capacity down hole flow while preventing backflow from the well. The DIR tool is easily deployed or retrieved with provided tooling, and uses standard wire line connections.



DESIGN FEATURES:

- Drop-In check tool is easily deployed and latched with pressure by being pumped down from above.
- One piece body incorporating a replaceable, field serviceable body liner.
- Low pressure polymer seal backed by high pressure metal to metal seal, spring energized to ensure positive sealing under any conditions.
- Easy to use disassembly and remote retrieval tools provided in lockable toolbox which houses the Drop-In check.
- Available in a wide range of standard and custom configurations.
- Reliable, field proven, serviceable design.

TECHNICAL SPECIFICATIONS:

- Working pressures up to **5,000 – 15,000 psi**
- Through bore sizes ranging from **1.41" up to 3.56"**
- Check valve ID range from **0.33" to 1.69"**
- Available with standard and premium drill pipe end connections
- Meets or exceeds **API 7-1** and other relevant specifications
- **NACE/H₂S trim** standard

ADDITIONAL OPTIONS:

- Corrosion-resistant internal body coatings: **XYLAN, ENC (Electroless Nickel)**
- CRA internal components
- Major repair kits with replacement internals sold separately

**FOR SPECIFIC MODEL DETAILS OR
ADVANCED CUSTOM REQUIREMENTS,
CONTACT OUR TEAM AT
HKE@HIKALIBRE.COM**



Scope API Q1 (2163) & ISO 9001 (ISO-2260):
Design, Manufacture and Repair of Valves and
Related Equipment for the Oil and Gas Industry



7-1-1144
Scope API 7-1-1144:
Drill Stem Subs and
Kelly Valves



7-2-1067
Scope API 7-2-1067:
Rotary Shouldered
Connections Threads

7321 68 AVE NW EDMONTON, AB T6B 3T6 780-435-1111

www.hikalibre.com