

DROP-IN RETRIEVABLE CHECK VALVE

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 range: from 1.41" up to 3.56"

Check valve ID range: from 0.33" to 1.69"

Available with standard & 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



7-1-1144
7-2-1067

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

Scope API 7-1-1144:
Drill Stem Subs &
Kelly valves

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

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