

HYDRAULIC FRAC PORT

APPLICATION

Hydraulic Frac port is a part of a robust cemented or openhole fracturing system designed to allow operators to perform selective multistage hydraulic fracturing. Fullbore sleeve designed for the most common high-pressure and high-rate hydraulic fracturing. Hydraulic activation eliminates the need of ball usage.

- Cemented casing / liner applications.
- Vertical, directional and horizontal wells.

FEATURES AND BENEFITS

- Fullbore design.
- Circulation ports are opened by applying pressure.
- Milling out of the ball seat and ball is not required.
- Hydraulic activation of the sleeve does not require drill string manipulation.
- Activation pressure can be adjusted prior to RIH.
- Withstands high tensile loads and high differential pressures.

OPERATIONS SEQUENCE

- Hydraulic Frac Port is run to the setting depth as part of the liner.
- Pressure is increased up to the activation pressure value.
- Screws are sheared, the sleeve is shifted.
- Frac ports are opened.

SUPPLY PACKAGE

- Hydraulic Frac Port.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE
Liner size, in	4.500
Max OD, in	5.236
Min ID, in	3.898
Opening pressure (wellhead pressure), psi	4,350
Ports flow area, in ²	16.52
Burst, psi	10,000
Collapse, psi	10,000
Tensile, kip	202
Material*	P-110
Max working temperature, °F	248
Length, ft	2.5

* Other options are available as per Customer request.



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