PRODUCT CODE: SH518- OHP

"Open Hole Hydraulic Set Packer"

Description

Open hole Packer provides mechanical isolation where high-pressure differentials are required across the packer element. The Open hole packer's conventional compression set element sets with the application of differential pressure in excess of the anti-preset shear value.

The Open hole packer is designed to set by applying pressure at the surface to create sufficient differential pressure across the packer. A plugging device is required below the packer so that tubing pressure can be applied to set the packer. Suitable plugging devices include, but are not restricted to, a pump-out plug, KLC (Locking Ball Landing Collar) ball seat, horizontal ball seat, or a wireline blanking plug seated in the proper landing nipple.

Application

Multizone open hole completions for interzonal isolation
High pressure, high temperature stimulation operations
Horizontal wells
Completion of underbalanced wells or wells that have losses

Features

An anti-pre set feature locks the setting device during deployment to ensure that the packer cannot set prematurely.
The compression-set element of the packer provides instant isolation and pressure integrity, which improves operational efficiency.
The high-pressure high-temperature design withstands pressures up to 10,000 psi (103.4 Mpa) at 300 degree Fahrenheit in stimulation treatments, which maximizes the effectiveness of the stimualtion

Technical Specification & Sizes

OPEN HOLE HYDRAULIC SET PACKERS			
MAX, OD	5.750 in	5.63 - 5.75 in	8.00 in
MIN, ID	2.832 in	3.75 in	4.79 in
Max. Burst and collapse rating [kPa]	10000	10000	10000
Max. Temp. rating degF	300	325-350	350
Connection	Multiple connections available on request	Multiple connections available on request	Multiple connections available on request
Open Hole Size	5.875 -6.375 in	5.875 – 6.375 in	8.25 – 9.00 in
Min. Setting Pressure psi	2287	2300	2500
Max. Setting Pressure	2687	2700	3000
Body tensil strength lbf [kN]	320,000 [1423]	320,000 [1423]	625,000 [2,780]

*varies depending on connection types
*values depends on elastomer selection