

DESCRIPTION

A-HRP3-FT, A-248 – Hydraulic Retrievable Packer-Feed Thru

The A-HRP3-FT packer is available either straight pull shear or cut to release configuration, with multiple control line bypass intended to be the uppermost packer in intelligent well completions where zonal isolation with line bypass is typically a requirement. The packer provides feed through capability where gauges, chemical injection and such systems may be placed below the packer. The Packer does not require any mechanical manipulation of the production string allowing for setting of the packer hydraulically after installation of the wellhead.

The Packer is run to the desired depth and a predetermine pressure is applied to the packer which shears the shear pins and sets the Packer.

The packer is released by either applying upstrain to shear the screws, which can be adjusted at the field or in another variation retrieved with a tubing cutter to cut the inner mandrel and straight pick up/POOH.

FEATURES

- Hydraulically set.
- Double Grip circumferential slips
- Single bore solid body
- Field adjustable setting and release values.
- Short in length

APPLICATIONS

- Shallow and deep wells.
- Vertical and deviated wells.
- Multiple Packer applications.

BENEFITS

- No mandrel movement allows the tubing to be left in tension, compression or neutral.
- Shear release screws are protected for potential unintended loads.
- Option for multiple feed-thru bypass ports.
- Release value are field adjustable.
- Single Piece construction eliminates leak paths.
- Recessed ports for connecting Pressure/electrical lines, preventing any potential impact during running in.



DIMENSIONAL SPECIFICATIONS

Casing		Packer					
Size	Weight	OD		Tubing String			Feed Thru Ports
				Thread	ID		Port Nos. X Sizes
in.	lb/ft	in.	mm		in.	mm	
6 5/8	20.0	5.827	148	2-7/8 EUE	2.375	60.3	1 x 1/4" 2 x 1/4" 3 x 1/4"
7	26.0-29.0	6.00	152.4	2-7/8 EUE	2.375	60.3	1 x 1/4" 2 x 1/4" 3 x 1/4"
9-5/8	40.0-47.0	8.437	215.10	3.5 EUE	2.922	74.2	1 x 1/2" 2 x 1/4" 3 x 3/8"
9-5/8	43.5-53.5	8.300	210.82	3.5 EUE	2.922	74.2	1 x 1/2" 2 x 1/4" 3 x 3/8"
				4-1/2 Vam Top	3.860	98.0	
10 3/4	51-60.7	9.440	240.28	5 1/2 Vam Top	4.75	120.65	2 x 3/8" 3 x 3/8" 4 x 1/4"

Note: Other sizes, connections available on request.