WH-6 Hydraulic-Set Retrievable Packer

Provides quick release and easy retrieval through straight-pull release, pressure equalization, and shear-out features

Applications

- Offshore oil and gas wells with low- to medium-pressure requirements
- · Highly deviated wells and severe doglegs
- Stacked-packer completions
- Coiled-tubing completions
- Hydrogen sulfide (H₂S) environments
- Injection wells

Features and Benefits

- Because there is no downward mandrel movement, this tool is excellent for stacked-packer completions.
- The straight-pull release, adjustable up to 50,000 lb (22,680 kg), eliminates the need to rotate the tubing to release the packer, which saves valuable rig time.
- Shear screws, isolated from the hydraulic pressure, require low shear-out force, which makes the tool easy to release, even at full pressure differential.
- Built-in bypass ports equalize pressure across the packer for easy retrieval.
- Its short overall length enables the packer to negotiate highly deviated wells and severe doglegs for shorter run-in times.

Tool Description

The Weatherford WH-6 hydraulic-set retrievable packer is designed for low- to medium-pressure applications. The short body length makes it excellent for low-angle deviations and horizontal applications. This compact, economical packer requires no mandrel movement. Its straight-pull release, pressure equalization, and shear-out features provide quick release and easy retrieval.



Weatherford WH-6 hydraulic-set retrievable packer



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WH-6 Hydraulic-Set Retrievable Packer

Specifications

Casing				Packer				
OD (in., mm)	Weight (Ib/ft, kg/m)	Min. ID (in., mm)	Max. ID (in., mm)	Gauge Ring OD (in., mm)	ID (in., mm)	Flow Wet Material	Connection (Box × Pin)	Product Number
5.500, 139.70	14.0 to 17.0 20.8 to 25.3	4.892 124.26	5.012 127.30	4.625 117.48	1.97 50.04	4140 L-80 9Cr L-80	2 3/8-in. EU 8 RD	807297 807338
6.625, 168.30	24.0 to 28.0 35.7 to 41.7	5.791 147.90	5.921 150.39	5.540 140.72	2.373 60.27	4140 L-80	2 78-in. EU 8 RD	807341
7.000 177.80	20.0 to 26.0	6.276	6.456	6.000	2.361 59.97	9Cr L-80 4140 L-80	2 7/8-in. EU 8 RD 3 1/2-in. EU 8 RD	807344 807395
	29.8 to 38.7 26.0 to 32.0	159.41 6.094	163.98 6.276	152.40 5.891		9Cr L-80 4140 L-80		807398 807401
	38.7 to 47.6	154.79	159.41	149.63		9Cr L-80		807408
	23.0 to 29.0 34.2 to 43.2	6.184 157.07	6.366 161.70	6.005 152.53	2.900 73.66	4140 L-80 9Cr L-80		807417
	32.0 to 35.0 47.6 to 52.1	6.004 152.50	6.904 154.79	5.754 146.15	2.938 74.63	4140 L-80 9Cr L-80	3 -in. 9.2-lb/ft VAM TOP®	2084989
9.625, 244.50	43.5 to 53.5	8.535	8.755	8.250	2.919 74.14	4140 L-80	3 1/2-in. EU 8 RD	1140775
	64.7 to 79.6	216.79	222.38	209.55	2.949 74.90			1141515



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