

DESCRIPTION

A-HRPH, A-182 – Hydraulic Retrievable Packer-High Pressure

The A-HRPH is a high pressure hydraulic set, double grip, retrievable packer. The A-HRPH does not require any mechanical manipulation of the production string to be set, making it optimal for situations where mechanical manipulation is not feasible.

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 retrieved by straight pull and features a Releasing Slip that facilitates retrieval of the packer.

The Packer has an in-built pressure balance system, that helps equalize pressure differentials across the packer.

FEATURES

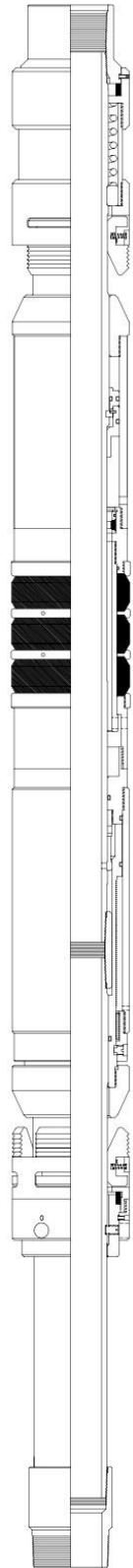
- Hydraulically set.
- Double Grip.
- All components are locked.
- Field adjustable release values.

BENEFITS

- No mandrel movement, allows the tubing to be left in tension, compression or neutral.
- Withstands high differential pressures.
- Release value are field adjustable on request.

APPLICATIONS

- Shallow and deep wells.
- Vertical and highly deviated wells.
- Up-to 10kpsi pressure applications.



DIMENSIONAL SPECIFICATIONS

CASING				PACKER		
Size	Weight	Minimum ID	Maximum ID	OD	ID	Connection
inch mm	lb/ft	inch mm	inch mm	inch mm	inch mm	
4-1/2 114.3	9.5 - 13.5	3.920 99.57	4.090 103.89	3.766 95.60	1.938 49.23	2-3/8" EU 8 RD
5 127.0	11.5-18.0	4.276 108.61	4.560 115.82	4.125 104.78	1.938 49.23	2-3/8" EU 8 RD
5-1/2 139.7	20.0 - 23.0	4.670 118.62	4.778 121.36	4.516 114.71	1.984 49.23	2-3/8" EU 8 RD
	13.0 - 20.0	4.778 121.36	5.044 128.12	4.641 117.88	1.984 49.23	2-3/8" EU 8 RD
	9.0 - 13.0	5.044 128.12	5.240 133.10	4.875 123.83	1.984 49.23	2-3/8" EU 8 RD
	20.0 - 23.0	4.670 118.62	4.778 121.36	4.500 114.30	2.375 60.33	2-7/8" EU 8 RD
	15.5 - 20.0	4.778 121.36	4.950 125.73	4.641 117.88	2.375 60.33	2-7/8" EU 8 RD
	13.0 - 15.5	4.892 124.36	5.044 128.12	4.781 121.88	2.375 60.33	2-7/8" EU 8 RD
5-3/4 146.05	18.6 - 25	4.882 124.00	5.118 130.00	4.641 117.88	1.984 49.23	2-7/8" EU 8 RD
6 152.4	23.0 - 26.0	5.132 130.35	5.240 133.10	4.875 123.83	1.984 49.23	2-7/8" EU 8 RD
6-5/8 168.3	24.0 - 32.0	5.675 144.15	5.921 150.39	5.500 139.70	2.439 61.95	2-7/8" EU 8 RD
	17.0 - 24.0	5.921 150.39	6.135 155.83	5.781 146.84	2.908 73.86	3-1/2" EU 8 RD
	20.0 - 24.0	5.921 150.39	6.049 153.64	5.750 146.05	2.439 61.95	2-7/8" EU 8 RD
7 177.8	26.0 - 32.0	6.094 154.79	6.276 159.41	5.890 149.61	2.439 61.95	2-7/8" EU 8 RD
	17.0 - 29.0	6.184 157.07	6.538 166.07	6.000 152.40	2.439 61.95	2-7/8" EU 8 RD
	26.0 - 32.0	6.094 154.79	6.276 159.41	5.890 149.61	2.959 75.16	3-1/2" EU 8 RD
	17.0 - 29.0	6.184 157.07	6.538 166.07	6.000 152.40	2.959 75.16	3-1/2" EU 8 RD

**HYDRAULIC RETRIEVABLE
PACKER-HIGH PRESSURE**

CASING				PACKER		
Size	Weight	Minimum ID	Maximum ID	OD	ID	CONNECTION
inch mm	lb/ft	inch mm	inch mm	inch mm	inch mm	
7-5/8 193.70	29.7 - 39.0	6.625 168.28	6.875 174.63	6.458 164.03	2.908 73.86	3-1/2" EU 8 RD
	20.0 - 33.7	6.765 171.83	7.125 180.98	6.625 168.28	2.908 73.86	3-1/2" EU 8 RD
8-5/8 219.10	28.0 - 40.0	7.725 196.22	8.017 203.63	7.536 191.41	2.984 75.79	3-1/2" EU 8 RD
9-5/8 244.50	40.0 - 53.5	8.535 216.79	8.835 224.41	8.266 209.96	2.984 75.79	3-1/2" EU 8 RD
	29.3 - 43.5	8.755 222.38	9.063 230.20	8.516 216.31	2.984 75.79	3-1/2" EU 8 RD
	40.0 - 53.5	8.535 216.79	8.835 224.41	8.266 209,95	3.937 100.00	4-1/2" EU 8 RD
10-3/4 273.10	60.7 - 71.1	9.450 240.03	9.660 245.36	9.200 233.68	2.984 75.79	3-1/2" EU 8 RD
	45.5 - 55.5	9.760 247,90	9.995 252,73	9.500 241,30	2.984 75.79	3-1/2" EU 8 RD
	60.7 - 71.1	9.450 240.03	9.660 245.36	9.200 233.68	4.875 123.83	5-1/2" BUTRESS
13-3/8 339.70	48.0 - 68.0	12.415 315.34	12.715 322.96	12.200 309.88	4.930 125.22	5-1/2" BUTRESS
	68.0 - 72.0	12.347 313.61	12.415 315.34	11.875 301.63	4.930 125.22	5-1/2" BUTRESS

Note: Other sizes, connections available on request.