

DESCRIPTION

A-HR2, A-003 – Hydraulic Rotating Liner Hanger

The A-HR2 hydraulic set rotating liner hanger can be used where mechanical manipulation of the string is not possible and heavier liners need to be hung. The recessed Slips make it suitable for difficult wellbores and high deviation wells.

The A-HR2 is equipped with a high capacity bearing that allows for high torque transmission and allowing the string to be rotated during running in and after setting of the liner hanger. Rotation of the String during cementing operations allows for better cement bonding with the casing.

The Hanger features an Anti-Preset mechanism that reduces risks of premature setting during running into the wellbore.

FEATURES

- No mechanical manipulation required for setting
- Fully recessed slips facilitate running in and drill down operations
- Equipped with Anti-preset mechanism.
- Thrust bearing to facilitate drill down, and rotation during cementing

BENEFITS

- Anti-Preset minimizes risk of premature setting.
- Recessed slips allow drill down and reaming even in difficult wellbores.
- Rotation during cementing operation allows better cement bonding and integrity.

APPLICATIONS

- Vertical and horizontal deep wells
- High pressure environments
- Hanging heavy liners
- Applications requiring drill down or reaming.



DIMENSIONAL SPECIFICATIONS

Liner Hanger Size (Liner x Casing)	Casing Weight		Maximum OD	
	in.	lb/ft	kg/m	in.
3-1/2 x 5	11.5-15	17.15-22.37	4.24	107.7
	18	26.84	4.12	104.65
3-1/2 x 5-1/2	14-23	20.87-34.30	4.5	114.3
	26-29.7	38.77-44.29	4.24	107.7
4 x 5-1/2	32.3	48.16	4.12	104.64
	14-17	20.87-25.35	4.732	120.19
4 x 5-3/4	20	29.82	4.618	117.29
	18	26.84	4.94	125.48
4-1/2 x 7	20-35	29.83-52.20	5.819	147.8
	35-41	52.20-61.14	5.625	142.88
	35-42.7	52.20-63.68	5.56	141.22
5 x 7	17-26	25.35-38.77	6.106	155.09
	26-32	38.77-47.72	5.924	150.46
	32-35	47.72-52.20	5.82	147.83
	35-38	52.20-56.67	5.775	146.68
	38-41	56.67-61.14	5.675	144.15
5 x 7-5/8	24-33.7	35.79-50.25	6.595	167.51
	29.7-39	44.29-58.16	6.455	163.95
	42.8-45.3	63.83-67.55	6.275	159.38
	47.1	70.24	6.215	157.86
5-1/2 x 7-5/8	24-33.7	35.79-50.25	6.595	167.51
	29.7-39	44.29-58.16	6.455	163.95
	42.8-45.3	63.83-67.55	6.275	159.38
	47.1	70.24	6.215	157.86
5 x 9-5/8	40-53.5	59.65-79.78	8.334	211.68
5-1/2 x 9-5/8	40-53.5	59.65-79.78	8.334	211.68
7 x 9-5/8	40-53.5	59.65-79.78	8.334	211.68
	43.5-58.4	64.87-87.09	8.234	209.14

Liner Hanger Size (Liner x Casing)	Casing Weight		Maximum OD	
	in.	lb/ft	kg/m	in.
7-5/8 x 9-5/8	32.3-40	48.17-59.65	8.634	219.3
	43.5-47	64.87-70.09	8.48	215.39
	47-53.5	70.09-79.78	8.359	212.32
7 x 10-3/4	32.8-85.3	48.91-127.21	8.955	227.45
7-5/8 x 10-3/4	32.8-55.5	48.91-82.77	9.46	240.28
	51-73.2	76.06-109.16	9.152	232.46
9.188 x 11-3/4	60-65	89.48-96.93	10.5	266.7
9-5/8 x 11-3/4	42-54	62.63-80.53	10.679	271.24
	54-60	80.53-89.48	10.571	268.5
	60-66.7	89.48-99.47	10.475	266.07
	71	105.88	10.41	264.41
9-5/8 x 13-3/8	54.5-72	81.28-107.37	12.14	308.36
	48-98	71.58-146.15	11.718	297.63
9-7/8 x 13-3/8	48-80.7	71.58-120.35	12.05	306.07
10-3/4 x 13-3/8	48-72	71.58-107.37	12.146	308.51
13-3/8 x 16 •	75-84	111.85-125.27	14.7	373.38
	84-109	125.27-162.55	14.375	365.13
16 x 18-5/8 •	87.5	130.49	17.4	441.96
13-3/8 x 20 •	94-169	140.18-252.03	18.053	458.55
16 x 20 •	131-169	195.36-252.03	17.5	444.5
	163-187	243.08-278.87	17.400	441.96

•Not available in rotating version.

Additional sizes/weights may be available upon request