

PL-LH/HD2G



Hydraulic Liner Hanger system

double gripper double row with packer PL-LH/HD2G

A Liner Hanger Hydraulic Double-Grip Packer with Double-Row Casing is a specialized tool used in oil and gas drilling operations. It's a type of liner hanger that uses hydraulic pressure to set the hanger and packer.

The key features of this type of liner hanger include:

- **Hydraulic setting:** The hanger and packer are set using hydraulic pressure, which can be more reliable and efficient than mechanical setting methods.
- **Double-grip:** This feature ensures a secure and reliable grip on the casing string. The double-row casing design provides additional strength and stability.
- **High pressure and temperature ratings:** These hangers are rated for high pressures and temperatures, making them suitable for use in a variety of well conditions.

Casing, in / (mm)	Installation range, in / (mm)	Inner diameter min., in / (mm)	Maximum pressure, psi / (Mpa)		Permissible pressure drop on the rubber elements of the packer, psi / (Mpa)	Load capacity, t
			Activation	Testing		
3 1/2" (88,9)	4,6"-5,12" (117-130)	2,95" (75)	4350 (30)	14500 (100)	14500 (100)	80
4 " (101,6)	4,6"-5,12" (117-130)	3,46" (88)	4350 (30)	14500 (100)	14500 (100)	100
4 1/2" (114,3)	5,5"-6,3" (140-160)	3,85" (98)	4350 (30)	14500 (100)	14500 (100)	120
5 " (127)	5,9"-6,3" (150-160)	4,25" (108)	4350 (30)	14500 (100)	14500 (100)	150
5 1/2" (139,7)	6,61"-9,05" (168-230)	4,76" (121)	4350 (30)	14500 (100)	14500 (100)	180
5 3/4" (146)	6,61"-9,05" (168-230)	5" (127)	4350 (30)	14500 (100)	14500 (100)	190
6 5/8" (168,3)	7,68"-9,05" (195-230)	5,94" (151)	4350 (30)	14500 (100)	14500 (100)	200
7" (178)	8,46"-9,05" (215-230)	6,25" (159)	4350 (30)	14500 (100)	14500 (100)	200
9 5/8" (244,5)	11,61"-12,79" (295-325)	8,85" (225)	3625 (25)	13050 (90)	10150 (70)	250



* design dimensions can be changed and manufactured to individual technological conditions of the customer's well