



PL-LH/PMSG

MECHANICAL LINER HANGER

System With PACKER PL-LH/PMSG

Is designed to suspend a casing section in a previously run casing pre-lowered casing after cementing or without cementing of the well.

When cementing casing, it ensures its straightness during the setting of cement slurry, thus preventing unloading on cement stone, effectively affecting contact of cement stone with casing.

Liner hanger PL-LH/PMSG is used for both vertical and directional wells and is combined with various process equipment.

Liner hanger is activated by a 2-4 turn to the right, followed by unloading.

The PL-LH/PMSG pendant is used and is compatible with a variety of process equipment.

Mechanical setting: The hanger and packer are set using mechanical methods, which can be more reliable and efficient than hydraulic setting methods.

DESIGN ADVANTAGES:

- lowering and cementing wells in difficult geological and technological conditions;
- independent activation of anchor and packer units;
- allows carrying out casing in different intervals of the well;
- wide working pressure range;
- reliability and ease of use.

Casing, in / (mm)	Installation range, in / (mm)	Inner diameter min., in / (mm)	Maximum pressure test, psi / (Mpa)	Permissible pressure drop on the rubber elements of the packer, psi / Mpa	Load capacity, t
3 1/2" (88,9)	4,6"-5,12" (117-130)	2,95" (75)	14500 (100)	10150 (70)	80
4 " (101,6)	4,6"-5,12" (117-130)	3,46" (88)	14500 (100)	10150 (70)	100
4 1/2" (114,3)	5,5"-6,3" (140-160)	3,85" (98)	14500 (100)	10150 (70)	120
5 " (127)	5,9"-6,3" (150-160)	4,25" (108)	14500 (100)	10150 (70)	150
5 1/2" (139,7)	6,61"-9,05" (168-230)	4,76" (121)	14500 (100)	10150 (70)	180
5 3/4" (146)	6,61"-9,05" (168-230)	5" (127)	14500 (100)	10150 (70)	190
6 5/8" (168,3)	7,68"-9,05" (195-230)	5,94" (151)	14500 (100)	10150 (70)	200
7" (178)	8,46"-9,05" (215-230)	6,25" (159)	14500 (100)	8700 (60)	200
9 5/8" (244,5)	11,61"-12,79" (295-325)	8,85" (225)	13050 (90)	7250 (50)	250

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

