

OSPREY

CEMENTED LINER HANGER

DESCRIPTION

The OSPREY Liner Hanger System is a hydraulic-set, hydraulic-release rotational liner hanger designed to suspend liners securely within intermediate or production casing strings. The system integrates a hanger body with slips, a polish bore receptacle (PBR), and a liner-top packer, providing a robust and versatile solution for both oil & gas and geothermal applications.

The hydraulic running tool includes a secondary mechanical release mechanism to ensure reliable disengagement in the event of hydraulic release failure. Once the liner is in position, the liner-top packer is mechanically activated by applying slack-off weight, effectively isolating the annulus between the casing and liner.

The OSPREY system enables full liner rotation during running and cementing operations, enhancing cement placement and overall well integrity. Designed to mount directly on the liner mandrel, it is compatible with all liner thread types, weights, and grades, ensuring flexibility across a wide range of well conditions.

FEATURES

- High torque capacity for rotational liner applications
- Optional thrust bearing system for extended rotation during running and cementing
- Anti-preset slip design for enhanced operational safety
- High-pressure rated to perform in demanding downhole environments
- Customizable PBR lengths, available from 3 ft to 20 ft



Casing size
in - [mm]Casing Weight
Min-Max [lbs/ft]Wall thickness
Min-Max [mm]Liner Size
in - [mm]Hanger OD
in - [mm]Hanger ID
in - [mm]

5 - [127]

15 - 18

7.52 - 9.19

3.5 - [88.9]

4 - [101.6]

2.75 - [69.9]

5.5 - [139.7]

14 - 17

6.2 - 7.72

4 - [101.6]

4.625 - [117.5]

3.45 - [87.6]

17 - 23

7.72 - 10.54

4.5 - [114.3]

3.35 - [85.1]

23 - 26

10.54 - 12.1

4.375 - [111.1]

3.25 - [82.6]

5.75 - [146.1]

19.7 - 21.8

8.51 - 9.53

4 - [101.6]

4.625 - [117.5]

3.45 - [87.6]

6.625 - [168.3]

20 - 24

7.32 - 8.94

5.625 - [142.9]

3.95 - [100.3]

24 - 28

8.94 - 10.59

5.5 - [139.7]

3.85 - [97.8]

28 - 32

10.59 - 12.06

5.375 - [136.5]

3.826 - [97.2]

7 - [177.8]

17 - 26

5.87 - 9.19

5.95 - [151.1]

4.25 - [108]

26 - 29

9.19 - 10.36

5.875 - [149.2]

4.25 - [108]

29 - 35

10.36 - 12.65

5.75 - [146.1]

4.125 - [104.8]

7.625 - [193.7]

33.7 - 39

10.92 - 12.7

6.35 - [161.3]

4.625 - [117.5]

9.625 - [244.5]

32,3 - 43,5

7,92 - 11,05

8,5 - [215,9]

6.25 - [158.8]

43,5 - 53,5

11,05 - 13,84

8,25 - [209,6]

6.25 - [158.8]

9,625 - [244,5]

43,5 - 53,5

11,05 - 13,84

8,25 - [209,6]

6.625 - [168.3]

13,375 - [339,7]

54,5 - 72

9,65 - 13,06

9,625 - [244,5]

12 - [304,8]

8,525 - [216,5]