

SH-SIX HP MECHANICAL SET RETRIEVABLE PRODUCTION PACKER

The Model SH-SIX HP single string Mechanical Production Packer is a retrievable, double grip compression or tension-set production packer that holds pressure from above or below. Once set, the tubing string can be left in tension, compression, or in a neutral position. A large internal bypass reduces the swabbing effect during run-in and retrieval, and closes when the packer is set. When the packer is released, the bypass opens first, allowing the pressure to equalize before the upper slips are pulled from the casing. The Model SH-SIX HP also features an upper slip releasing system that reduces the force required to release the packer. A non-directional slip is released first, making it easier to release the other slips. These flexible features allow the SH-SIX HP to be run in a variety of applications ranging from Production Packer to Bridge Plug to Service Packer.



SPECIAL FEATURES

- Internal bypass reduces swabbing
- Holds 10,000 psi high pressure differentials from above or below
- Only one-quarter right rotation is required to set and release
- Tubing string can be held in tension, compression or neutral set while the packer remains engaged
- Optional shear release features are available upon request
- Packing element options are available for hostile environments
- Bypass valve is below upper slips so the debris is washed from slips when the valve is opened
- Can be configured with Carbide Slips and Drag Blocks for premium casing

| CASING | | SETTING RANGE | | TOOL OD (in) | TOOL ID (in) | THREAD BOX X PIN (lbs/ft) | |
|---------|-------------|---------------|------------|--------------|--------------|---------------------------|-------|
| OD (in) | Wt (lbs/ft) | Min ID(in) | Max ID(in) | | | | |
| 4-1/2 | 9.5-13.5 | 3.92 | 4.09 | 3.750 | 1.938 | 2-3/8"EU 8RD | |
| | 13.5-15.1 | 3.826 | 3.92 | 3.650 | | | |
| 5 | 18.0-20.8 | 4.156 | 4.276 | 4.000 | | | |
| | 11.5-15.0 | 4.408 | 4.56 | 4.125 | | | |
| 5-1/2 | 20.0-23.0 | 4.670 | 4.778 | 4.500 | | | 2.375 |
| | 14.0-20.0 | 4.778 | 5.012 | 4.625 | | | |
| | 23.0-26.0 | 4.548 | 4.670 | 4.406 | | | |
| | 20.0-23.0 | 4.670 | 4.778 | 4.500 | | | |
| | 15.5-20.0 | 4.778 | 4.95 | 4.625 | | | |
| 7 | 26.0-32.0 | 6.094 | 6.276 | 5.875 | 2.500 | 2-7/8"EU 8RD | |
| | 17.0-26.0 | 6.276 | 6.538 | 6.000 | | | |
| 7-5/8 | 33.7-39.0 | 6.625 | 6.765 | 6.453 | | | |
| | 24.0-29.7 | 6.875 | 7.025 | 6.672 | | | |