

ED -JS Retrievable Packer

Der ED-JS Retrievable Casing Packer ist ein mechanisch setz- und ziehbarer Hook Wall Packer mit großem, glattem Innendurchgang für Bohrlochsbehandlungen und Produktion. Durch seine hohe Belastbarkeit (7" - 93.000 daN; 9 5/8" - 155.000 daN) ist der ED-JS Packer in Verbindung mit unserem Stormvalve auch als Storm Packer einsetzbar. Der Packer ist verfügbar für 7" und 9 5/8" Casing (andere Größen auf Anfrage). Der große interne Bypass verringert Schiebe- und Kolbendruck beim Ein- und Ausbau und erlaubt ein einzirkulieren von Behandlungsflüssigkeiten. Bei Differenzdruck von unterhalb des Packers werden Hydraulische Verriegelungen gegen die Casingwand gedrückt um den Packer in Position zu halten, dabei wird auch der Bypass hydr. verriegelt. Dadurch sind keine übermäßigen Gestängelasten notwendig um den Packer in der gesetzten Position zu halten.

ED-JS Retrievable Casing Packers are full opening, set-down type hook wall packers that are applicable for a wide variety of well treating and producing installations. Can be used as a Storm Packer in combination with ED-Stormvalve (Maximum Load 7" ... 200,000#; 9 5/8" ... 350,000#). The packers are available in 7" & 9 5/8" D casing and feature a large internal bypass through the packer which communicates with a surface controlled set-down face seal type valve. The bypass provides free flow of fluids through the packer during running, retrieving, and circulation, thus greatly reducing packing element swabbing and button slip wicker dulling. These packers are used when high differential pressure from below the packer is anticipated and utilizes hydraulically actuated button type slips to anchor the packer against upward movement. This same hydraulic pressure also acts on a balance piston, which is located just below the closed face seal. The piston moves downward and shoulders on body thus placing a downward pull on the body and face seal. This action eliminates excessive tubing set-down weight required to keep the bypass closed.

Features

- Sets securely in any hardness casing, including premium grades.
- Three piece packing element system with metal backups accommodate low and high pressure applications for the broadest range of service.
- Hydraulic hold down button unit with large internal flow path located below the bypass valve to reduce element swabbing and button wicker dulling. These hold down piston type slips are set by pressure from below.
- Surface controlled combination bypass and equalizing valve.
- Tubing pressure actuated hydraulic piston eliminate excessive set down weight requirements. This feature is far more efficient than collet type locking systems.
- Automatic setting, setting the packer is accomplished by running to depth, picking up a few feet rotating 2/3 turns to the right and setting down.
- Straight pickup of the tubing will first open the bypass valve and equalize pressure, continued pickup will release the packer and automatically engage the packer in the running position for further operations up or down the hole.
- Wicker slips are machined from 60 promising the ultimate sharpness and hardness. Lower slips are held fully retracted during running and retrieving. Slips and pistons are also available with carbide inserts.
- Friction pads are also available with carbide inserts.
- 11 Thread connection come standard in 11 thread form.
- 11 Pressure bearing o-rings have backups for higher pressure resistance.
- Load and pressure resistance designed to meet high load applications.
- Field-proven design, recommended to 300 applications, if need high Temp.

