



Rotating Packer Actuator (RPA)

Weatherford's rotating packer actuator (RPA) allows weight to be set down through the polished bore receptacle (PBR) so that an integral liner-top packer can be set. A bearing in the RPA allows use of rotation when transmitting weight to set the liner-top packer.

The RPA is run as part of the liner running tool assembly. Spring-loaded dogs are collapsed until raised above the PBR. The dogs are forced outward and will not re-enter the PBR. Weight set down on the running string at this point transfers to the PBR through the RPA to set the liner-top packer.

Applications

- Any liner for which a top-set liner-top packer (TSP4, TSP5, or CTSP4) is used
- Tie-back packers that use a TSP4, TSP5, or CTSP4 liner-top packer

Features, Advantages and Benefits

- Spring-loaded dogs form a no-go that will not re-enter the PBR so that weight can be applied to the PBR to set the liner-top packer.
- Axial thrust bearing allows rotation of the drillpipe as set-down weight is applied, aiding in the transfer of the setting forces required for activating a liner-top packer in highly deviated wells.

Specifications

Contact an authorized Weatherford representative.

