

SERVICE PACKERS

BARRACUDA OIL TOOLS. LLC

CUDAMATIC HURRICANE ISOLATION PACKER

The Cudamatic Hurricane Isolation Packer (CHIP) is used in service packer applications where full-bore ID and high tensile rating is required. A simple quarter turn at the packer is required for setting.

Both down-weight and applied internal pressure are required to disconnect, acting as an integral safety feature to prevent premature disconnecting during operations.

Ball Valve configuration accommodates a full-bore ID for each chassis size, with up to 6-5/8 FH thread connections available.

PACKER SETTING

- Reach Packer setting depth, Ball Valve will be open for the RIH operation
- Apply ¼ rotations to the right at tool & slack off drill pipe to set Packer & close Ball Valve
- Apply between 500-1000PSI through drill pipe against closed Ball Valve
- Pick-up, releasing from the CHIP Assembly and bleeding the applied pressure to casing above Ball Valve
- To re-attach to the CHIP Assembly simply slack off drill pipe to re-engage the Fish Neck
- A 14-inch down stroke will open Upper Equalizing Valve, balancing pressure across the Ball Valve

DISCONNECTING

- The Hydraulic Disconnect is run directly above the Ball Valve
- Set down weight onto the Hydraulic Disconnect, unloading the disconnect mechanism
- Apply pressure, which would be predetermined & calibrated at surface
- While maintaining applied pressure, pick up to release the disconnect

Size*	Tool ID	Chassis OD	Threads**	Tensile [lbs]
7 - 7-5/8	2.750	4.750	3-1/2 IF	200,000
9-5/8	2.750	7.00	4-1/2 IF	901,000
10-3/4 - 20	3.250	8.00	6-5/8 FH	1,500,000

*Other sizes available upon request

**Alternate thread connections available upon request

