

KellyLock

Automatic Drill-Pipe Shut-off



The Archer KellyLock is a Kelly Valve that provides a quick automatic shutoff in the drill string. The KellyLock has a unique engineered design to automatically shutoff pressure and flow utilizing drill pipe rotation.

The KellyLock is especially designed to avoid mud-spill on drill floor when drilling with a drilling pup on a MODU. Valuable rig time can be saved by avoiding draining the drilling pup on each drilling connection. Safer and cleaner drilling environment.

The KellyLock is installed as the bottom part of the Top Drive drilling pup joint

1. The KellyLock stays in open position while drilling.
2. When left-hand rotation is introduced, e.g. to break connection, the KellyLock automatically closes to avoid spill.
3. As right-hand rotation is applied, e.g. to makeup connection, the KellyLock automatically opens again.

The Archer KellyLock provides safer and cleaner drilling environment.

Benefits

- Eliminates mud spilling
- Saved Rig time
- Easy installation and use
- 345 bar pressure rating
- No additional installation

Features

- Quick automatic shut-off
- Unique ball valve design
- Low friction shut-off
- Drill-pipe connection
- Exceeds Drill-Pipe connection

Typical Applications

- Drilling Operations

Specifications

Size	Description	Pressure rating	Connection
9.45"	KellyLock Ball Valve	5 ½" FH	5 ½" FH

Specifications may be subject to change. Other connections available upon request.