

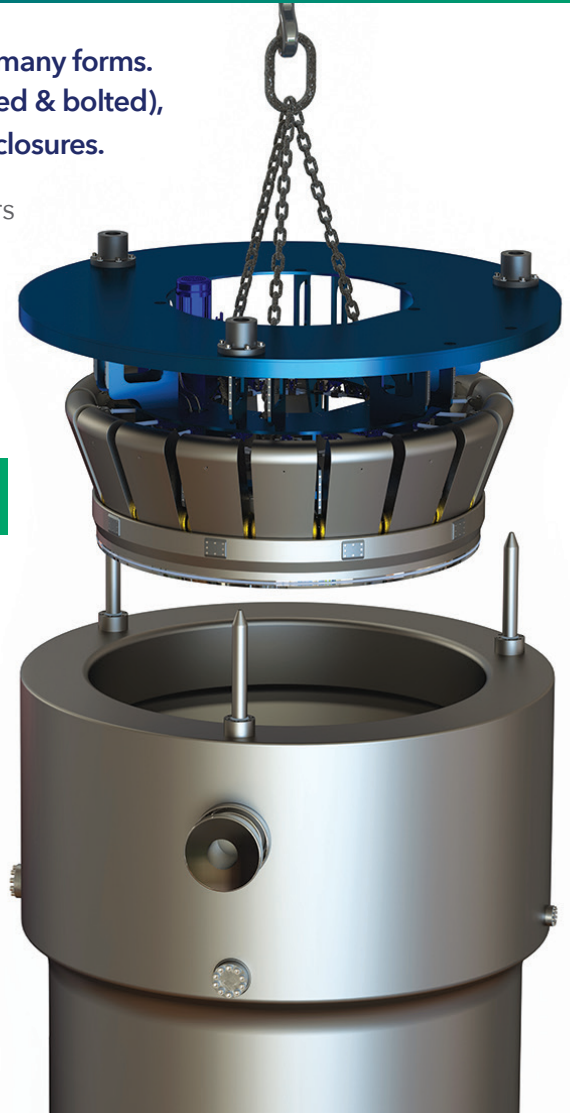
QUICK-ACTING PRESSURE VESSEL CLOSURES

KW Designed Solutions pressure vessel closures are available in many forms. As well as the standard types commonly used in industry (threaded & bolted), we also offer an advanced range of quick-acting pressure vessel closures.

Innovatively engineered and continually improved over the years to simplify the opening and closing function of the vessels. These quick-acting pressure vessel closures are useful for customers who have a specific set of operating conditions or conduct production FATs with short test times and require quicker, more repetitive access.

KWIK-LOK CLOSURE

- 2 minutes to open/close, 30 seconds to lock/unlock
- Hydraulic actuated tilting chocks lock the closure plug in place
- Single push button lock/unlock functionality
- Guided Closure Alignment System
- Pressure: 200 bar to 1000 bar
- Bore size: Ø500mm to Ø2500mm
- Multiple penetrations for tooling, electrical feed-throughs and pressure control hardware
- Simultaneous load/unload of the DUT and the closure



BREECH LOCK CLOSURE

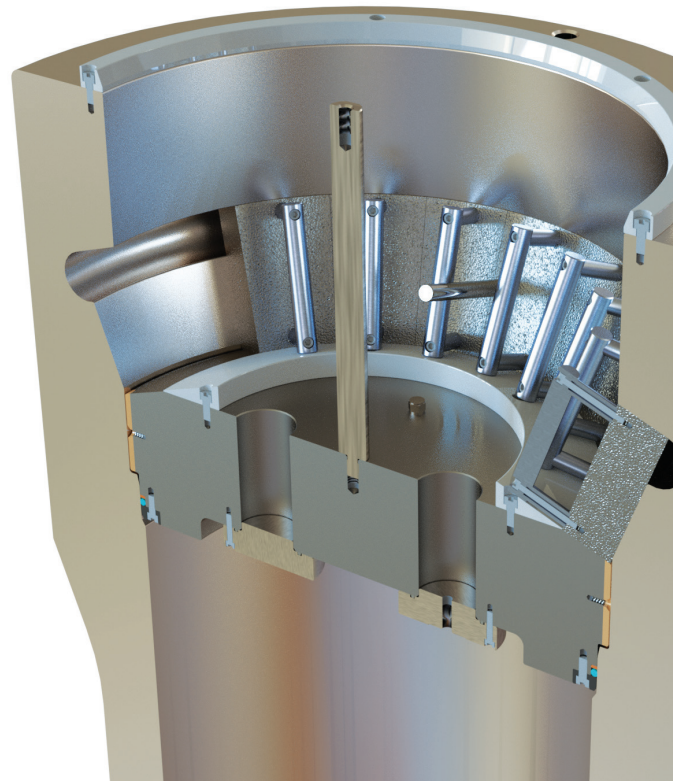
- 2 minutes to open/close, 5 seconds to lock/unlock
- Guided Closure Alignment System
- Rotate the lock ring handle 1/16th of a turn
- Integral Safety Interlock System
- Pressure: 100 bar to 2000 bar
- Bore size: Ø100mm to Ø1000mm
- Multiple penetrations for tooling, electrical feed-throughs and pressure control hardware
- Simultaneous load/unload of the DUT and the closure



QUICK-ACTING PRESSURE VESSEL CLOSURES

MANUAL CHOCK CLOSURE

- 2 minutes to open/close, 2 to 5 minutes to lock/unlock
- Manual loading chocks replacing heavy bolting systems
- Identifiable chocks; colours and numbers ensure correct loading sequence
- Self-locking chocks; providing a sound mechanical safety feature preventing accidental removal
- Guided Closure Alignment System
- Pressure: 100 bar to 700 bar
- Bore size: Ø400mm to Ø750mm
- Multiple penetrations for tooling, electrical feed-throughs and pressure control hardware
- Simultaneous load/unload of the DUT and the closure



BAYONET LOCK CLOSURE

- 2 minutes to open/close, 5 seconds to lock/unlock
- Guided Closure Alignment System
- Simple 1/8th or 1/16th of a turn locking functionality
- Integral Safety Interlock System
- Pressure: 100 bar to 1500 bar
- Bore size: Ø100mm to Ø300mm
- Multiple penetrations for tooling, electrical feed-throughs and pressure control hardware
- Simultaneous load/unload of the DUT and the closure

