

# **Fortress** Interlocks

## **FSKI 90L**(Single) **FDKI 90L**(Double) Quarter Turn Valve Lock

## Product Data Sheet



### Description

The Fortress **FSKI 90L** and **FDKI 90L** range of units has been developed for direct key operation of all quarter turn wrench operated valves. Locking units are available to suit all sizes and classes of valve, and variations will accommodate ball and butterfly valves etc. Interlock units are designed to be fitted directly to valves in place of the normal handle or wrench. No dismantling or modification of the valve or welding of brackets etc., is needed thus preserving manufacturers warranties. Units are manufactured to suit each different valve and can be fitted easily, either in the workshop or with the valve in line and, without validating pressure tests.

### Features & Benefits

- Can be engineered to fit any valve.
- Enforces a safe working practice scheme.
- All 316 Stainless Steel
- Easy to use CLS Lock

### Coding & Security

All Fortress interlock units are coded by means of a patented design which ensures that only the correct key can operate any given lock. Keys may be supplied coloured and can be engraved to identify the function and status of the valve or valves operated by the key. Other items include interlocks for multi-turn valves, electrical switches access locks, key exchange and control units and a range of bolt type interlock units.

### Operation

With the interlock unit fitted to the valve and the operating key (or keys) turned to the trapped position, the appropriate key can be removed, locking the valve in that position. Where two keys are fitted, the unit is lockable in either position, releasing the appropriate key only. Units can be supplied with both keys freed in either open or closed positions and units for use with butterfly valves are fitted with a detent mechanism. When a key is removed, a stainless steel dustcover seals the unit against ingress of moisture and dust.

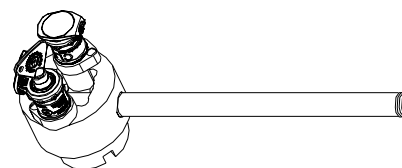
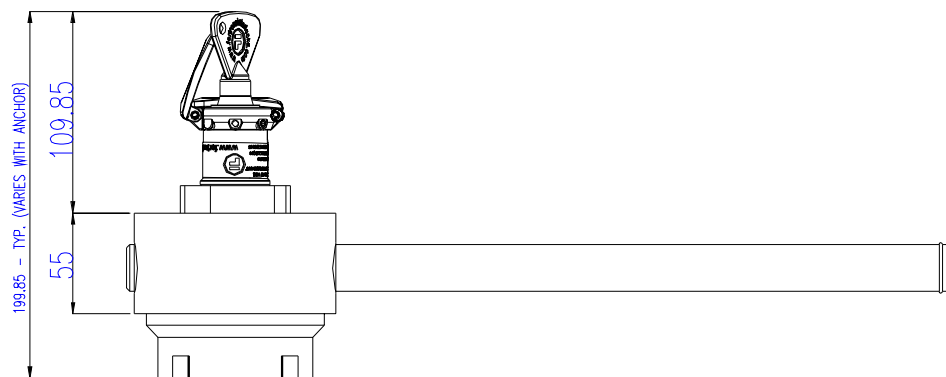
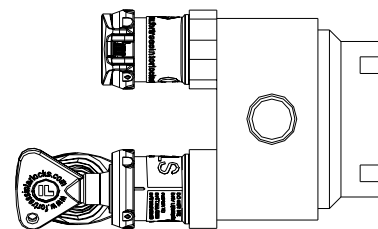
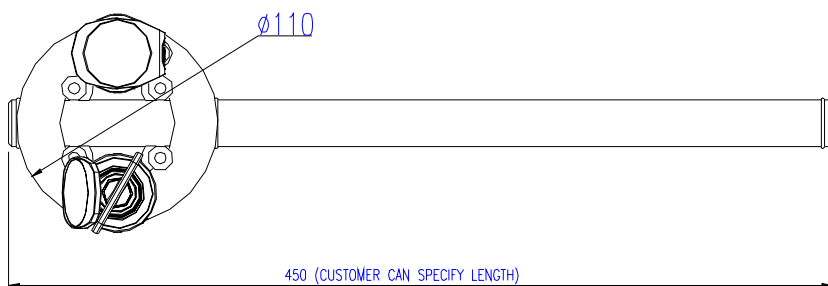
### Construction

All units are robustly constructed from 316 S31 Stainless Steel for maximum corrosion resistance in harsh offshore environments. Valve interlocks may be supplied with a single operating key (FSKI), which allows locking in one position only (either open or closed) or two keys (FDKI) for locking in open and closed position.

### Options

- A Variety of handwheels and handles can be fitted to customer requirements
- Key cabinets are available to store keys used to start a sequence of operation and may be specially coloured and coded 'Colour Aware' system.

# B110



# B80

