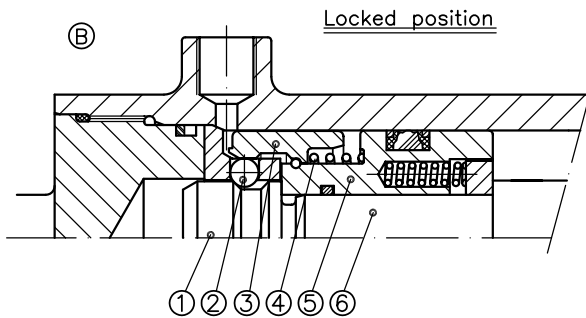
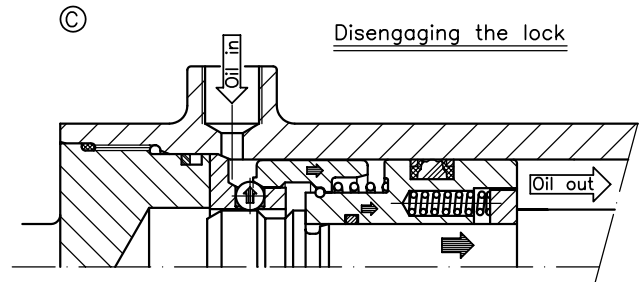
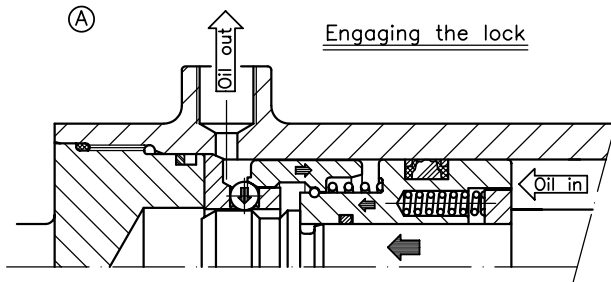


DESCRIPTION OF LOCKING DESIGN



Engaging the lock

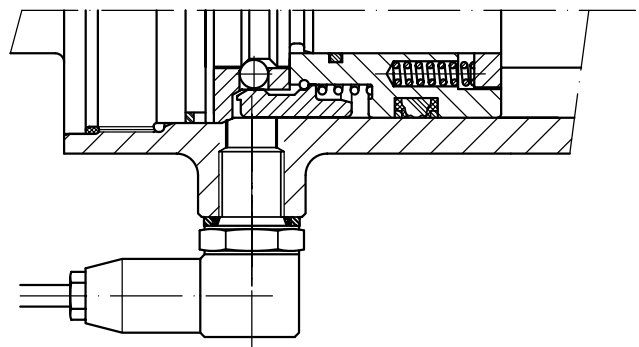
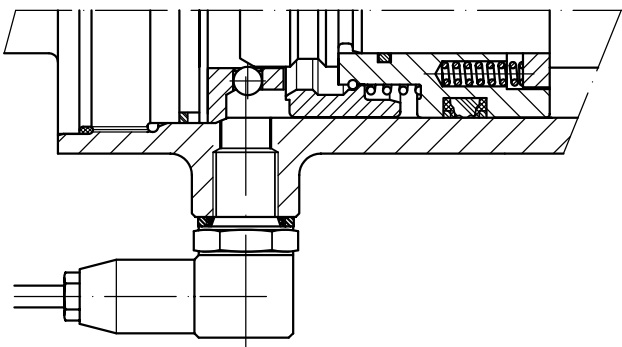
- 1: As the piston rod ⑥ moves into locking position, the locking ring ③ makes contact with the ball ② and is pushed back on the piston head ⑤
2. The ball drops into the slot on the piston nut ①
3. The locking ring spring ④ pushes the locking ring over the ball and the cylinder is locked.

Disengaging the lock

1. Oil pressure pushes the piston head back on the piston rod
2. The piston head pulls the locking ring away from the balls
3. The balls travel out of the piston nut and the cylinder is unlocked.

Cylinder equipped with inductive sensor

The cylinders are equipped with 4 ports as a standard and all ports are prepared for inductive sensors from BRATH (Denmark).



The inductive sensor registers both that the piston head is in end position and that the locking is engaged, and a signal is sent to i.e. the bridge on the ship.